

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040010.D
 Acq On : 30 Jan 2024 10:58
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 05:04:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	7825	5.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.760%#		
35) Dibromofluoromethane	5.385	113	5878	5.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.500%#		
50) Toluene-d8	8.647	98	21828	5.715	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.420%#		
62) 4-Bromofluorobenzene	11.079	95	8152	5.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.080%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4936	5.300	ug/l	91
3) Chloromethane	1.294	50	4449	5.037	ug/l	98
4) Vinyl Chloride	1.374	62	3927	4.807	ug/l	98
5) Bromomethane	1.599	94	4454	5.609	ug/l	96
6) Chloroethane	1.678	64	2729	5.060	ug/l #	84
7) Trichlorofluoromethane	1.886	101	6513	5.011	ug/l	95
8) Diethyl Ether	2.136	74	2398	5.219	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	5116	5.275	ug/l	94
10) Methyl Iodide	2.453	142	4203	4.071	ug/l	98
11) Tert butyl alcohol	2.953	59	5816	24.085	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	4977	5.351	ug/l	90
13) Acrolein	2.233	56	6045	26.128	ug/l	97
14) Allyl chloride	2.666	41	8641	5.154	ug/l	95
15) Acrylonitrile	3.068	53	15470	25.575	ug/l	98
16) Acetone	2.373	43	16651	26.703	ug/l	93
17) Carbon Disulfide	2.514	76	13173	4.844	ug/l #	95
18) Methyl Acetate	2.703	43	7004	4.741	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	15259	4.789	ug/l	99
20) Methylene Chloride	2.794	84	5196	4.689	ug/l #	93
21) trans-1,2-Dichloroethene	3.093	96	5184	5.061	ug/l	92
22) Diisopropyl ether	3.757	45	16355	5.036	ug/l	93
23) Vinyl Acetate	3.721	43	69440	23.893	ug/l	98
24) 1,1-Dichloroethane	3.611	63	9060	4.871	ug/l	95
25) 2-Butanone	4.556	43	22509	25.968	ug/l	98
26) 2,2-Dichloropropane	4.477	77	6776	4.669	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	6013	5.261	ug/l	91
28) Bromochloromethane	4.897	49	4603	5.307	ug/l #	99
29) Tetrahydrofuran	5.007	42	14225	25.810	ug/l	99
30) Chloroform	5.098	83	10183	5.099	ug/l	100
31) Cyclohexane	5.470	56	8344	5.005	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	8681	5.065	ug/l	96
36) 1,1-Dichloropropene	5.690	75	7396	5.007	ug/l	99
37) Ethyl Acetate	4.721	43	8601	5.332	ug/l	97
38) Carbon Tetrachloride	5.684	117	6487	4.590	ug/l	92
39) Methylcyclohexane	7.372	83	9349	5.202	ug/l #	86
40) Benzene	6.031	78	21515	5.001	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	3935m	4.810	ug/l	
42) 1,2-Dichloroethane	6.080	62	8500	5.132	ug/l	98
43) Isopropyl Acetate	6.336	43	12341	4.851	ug/l	100
44) Trichloroethene	7.123	130	6096	5.384	ug/l	86
45) 1,2-Dichloropropane	7.427	63	5551	4.887	ug/l	94
46) Dibromomethane	7.580	93	4441	5.209	ug/l	95
47) Bromodichloromethane	7.824	83	7459	4.912	ug/l	96
48) Methyl methacrylate	7.696	41	6276	5.008	ug/l	92
49) 1,4-Dioxane	7.659	88	2619	96.171	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	44918	25.865	ug/l	95
52) Toluene	8.720	92	14481	5.400	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	7071	4.490	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	7849	4.670	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	5632	5.074	ug/l #	88
56) Ethyl methacrylate	9.116	69	7311	4.511	ug/l	95
57) 1,3-Dichloropropane	9.311	76	9267	5.069	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.238	63	19690	24.157	ug/l	98
59) 2-Hexanone	9.427	43	36038	26.027	ug/l	96
60) Dibromochloromethane	9.518	129	5524	4.953	ug/l	100
61) 1,2-Dibromoethane	9.610	107	5932	4.943	ug/l	88
64) Tetrachloroethene	9.275	164	4506	4.610	ug/l	92
65) Chlorobenzene	10.079	112	15456	4.978	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	4841	4.617	ug/l	95
67) Ethyl Benzene	10.195	91	25955	4.659	ug/l	93
68) m/p-Xylenes	10.299	106	19951	9.520	ug/l	98
69) o-Xylene	10.640	106	9232	4.644	ug/l	94
70) Styrene	10.658	104	15170	4.528	ug/l	99
71) Bromoform	10.799	173	3215	4.508	ug/l #	98
73) Isopropylbenzene	10.963	105	24599	5.033	ug/l	100
74) N-amyl acetate	10.841	43	10262	4.812	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	9245	5.031	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	7604m	5.246	ug/l	
77) Bromobenzene	11.201	156	5626	4.990	ug/l	97
78) n-propylbenzene	11.305	91	29501	4.905	ug/l	100
79) 2-Chlorotoluene	11.366	91	18715	5.169	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	20445	4.867	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	1612	4.274	ug/l #	78
82) 4-Chlorotoluene	11.457	91	21147	5.089	ug/l	100
83) tert-Butylbenzene	11.713	119	19965	4.966	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	20897	4.985	ug/l	99
85) sec-Butylbenzene	11.890	105	26325	4.943	ug/l	97
86) p-Isopropyltoluene	12.006	119	21196	4.873	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	11257	4.950	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	11841	5.086	ug/l	92
89) n-Butylbenzene	12.335	91	20597	4.879	ug/l	93
90) Hexachloroethane	12.536	117	3162	4.748	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	11237	5.124	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2062	4.951	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	6550	4.778	ug/l	99
94) Hexachlorobutadiene	13.719	225	2638	4.886	ug/l	94
95) Naphthalene	13.774	128	21482	4.614	ug/l #	97
96) 1,2,3-Trichlorobenzene	13.957	180	6395	4.718	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed Jan 31 04:54:04 2024
Response via : Initial Calibration

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

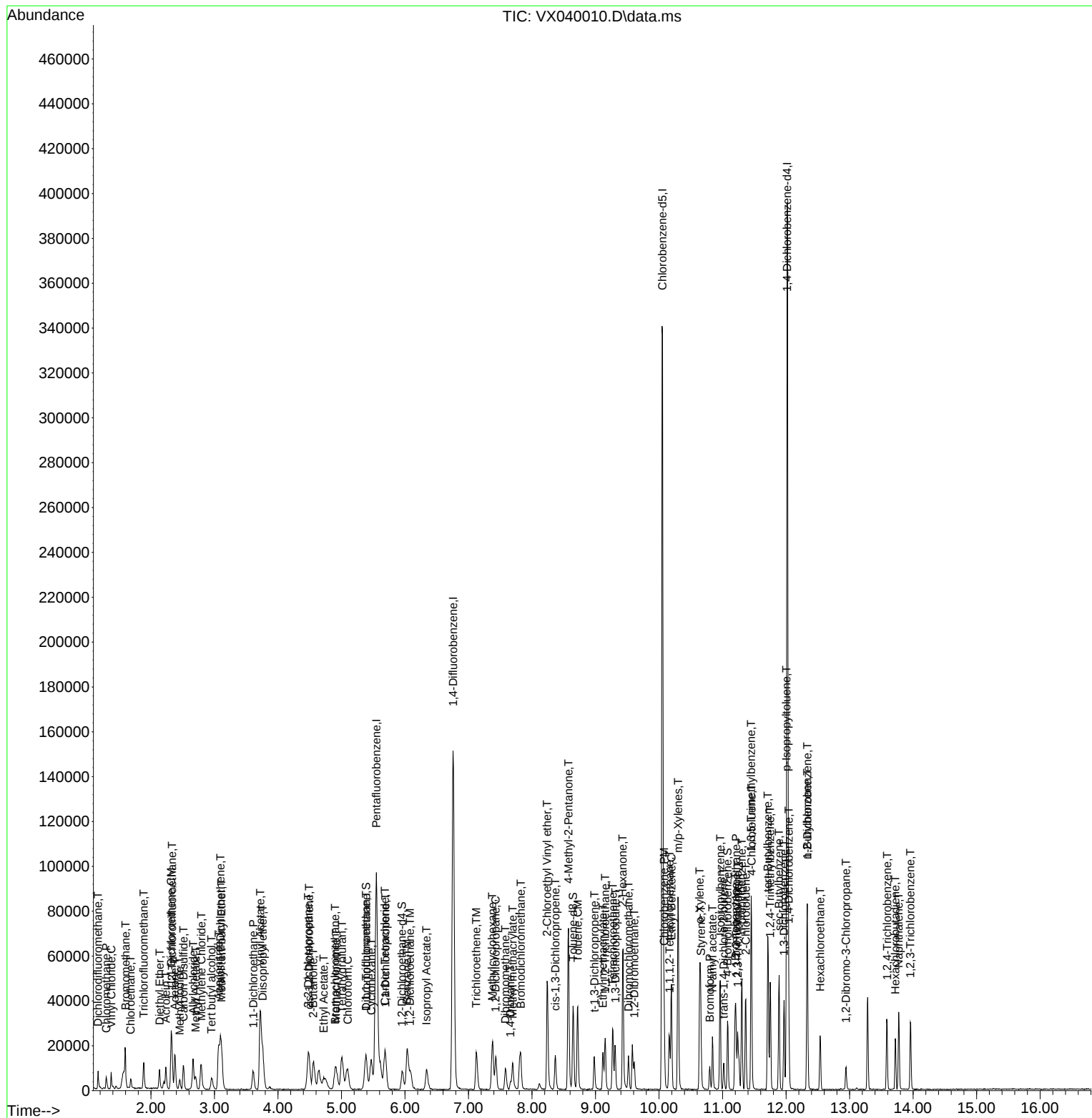
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Data File : VX040010.D
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Sample : VSTDIC005
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ALS Vial : 4 Sample Multiplier: 1

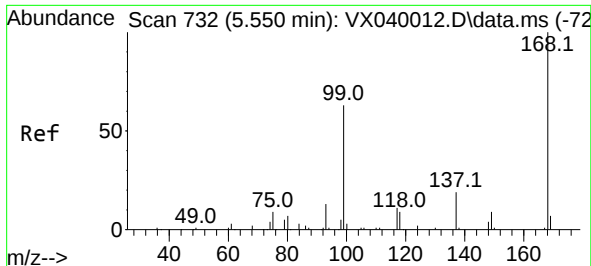
Instrument :
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ClientSampleId :
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Manual Integrations
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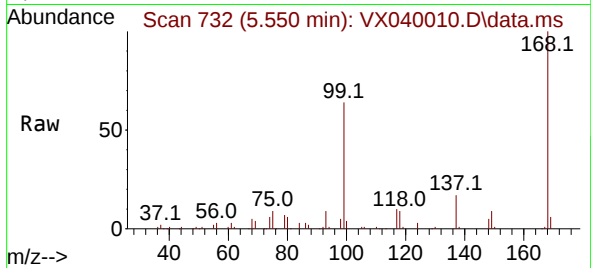
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

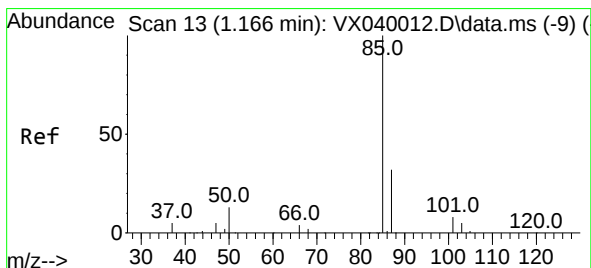
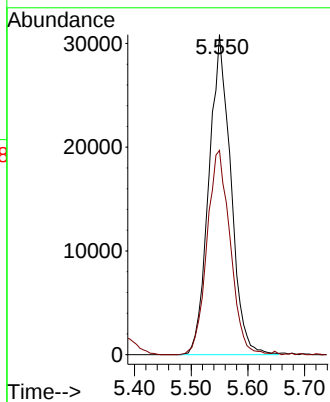
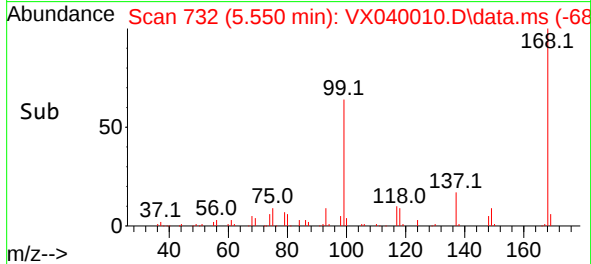
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 82692
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0

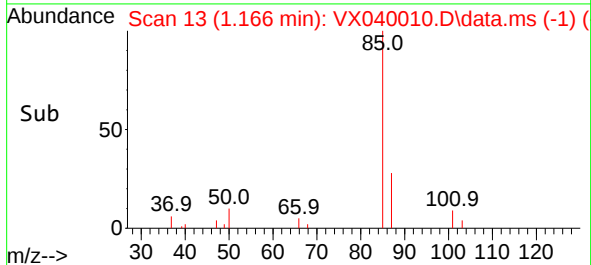
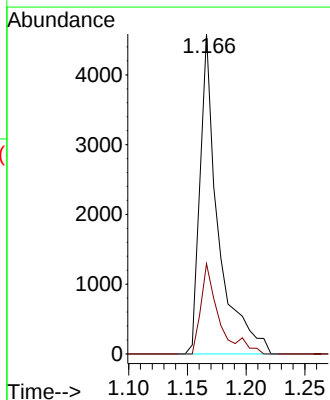
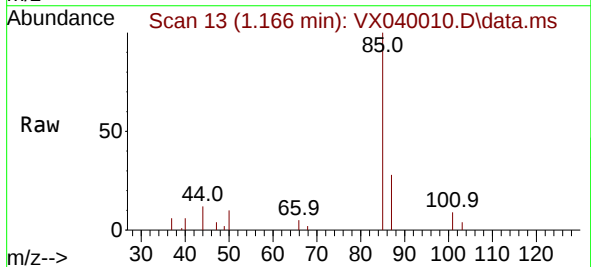
Manual Integrations
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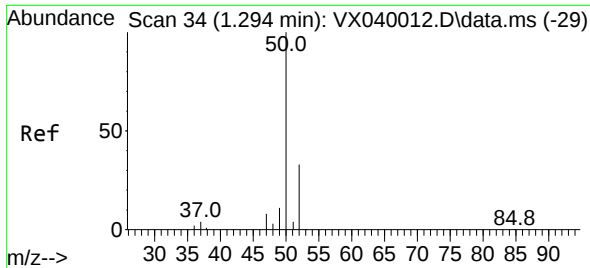
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#2
Dichlorodifluoromethane
Concen: 5.300 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

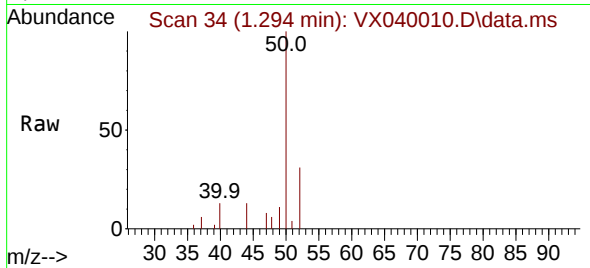
Tgt Ion: 85 Resp: 4936
Ion Ratio Lower Upper
85 100
87 28.2 16.7 50.1





#3
Chloromethane
Concen: 5.037 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

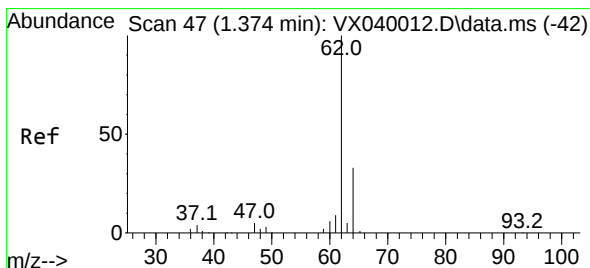
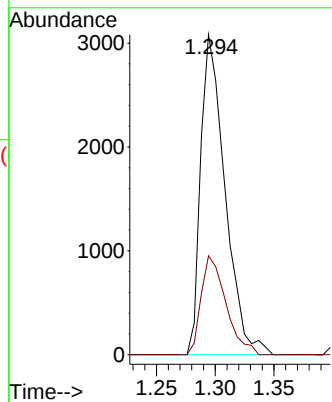
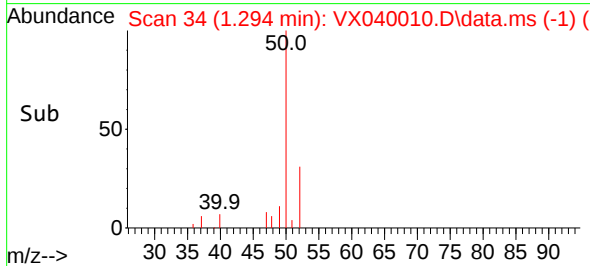
Instrument : MSVOA_X
ClientSampleId : VSTDICC005



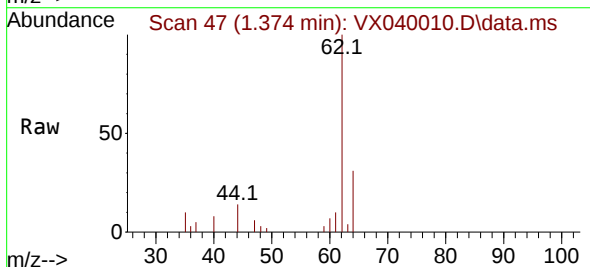
Tgt Ion: 50 Resp: 4449
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

Manual Integrations
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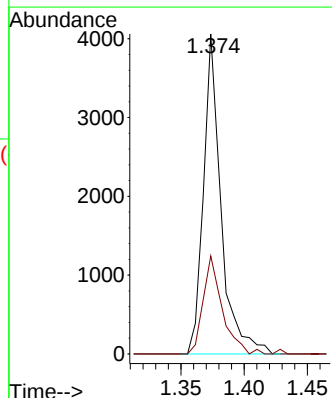
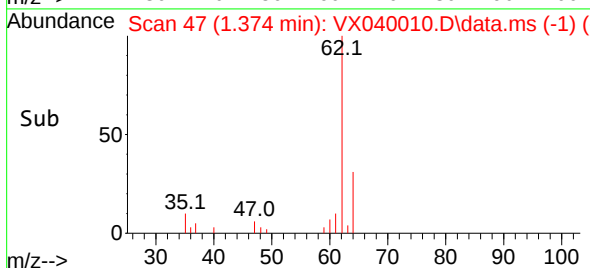
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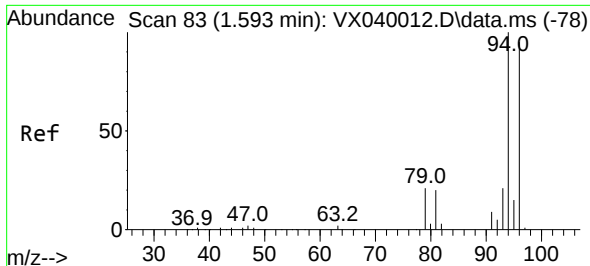


#4
Vinyl Chloride
Concen: 4.807 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



Tgt Ion: 62 Resp: 3927
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0





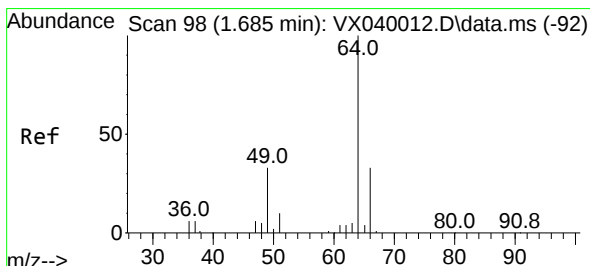
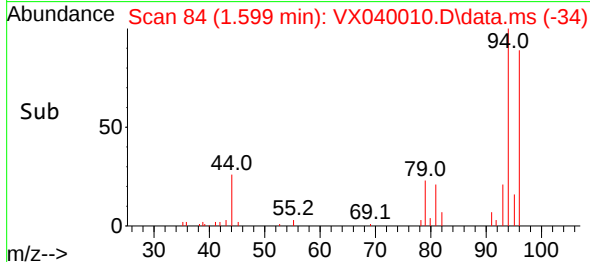
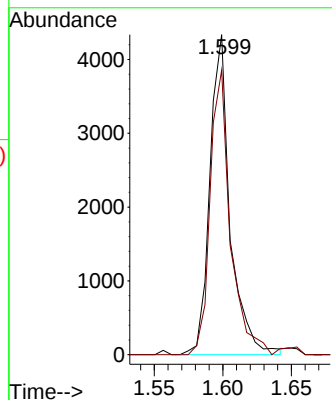
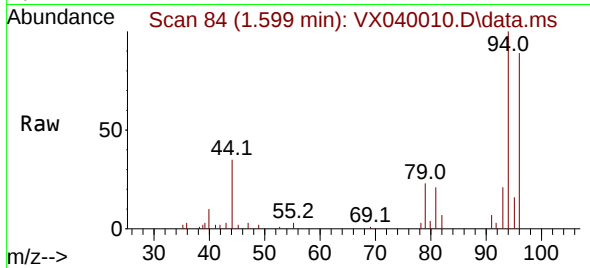
#5
Bromomethane
Concen: 5.609 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4454
Ion Ratio Lower Upper
94 100
96 88.9 74.6 111.8

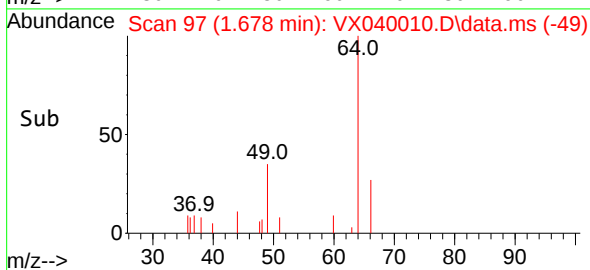
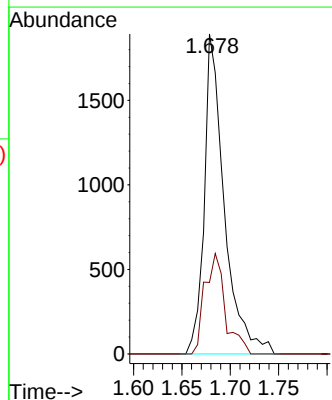
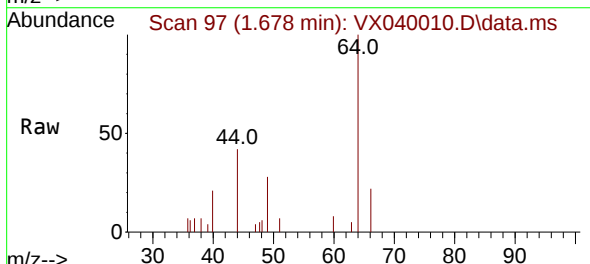
Manual Integrations
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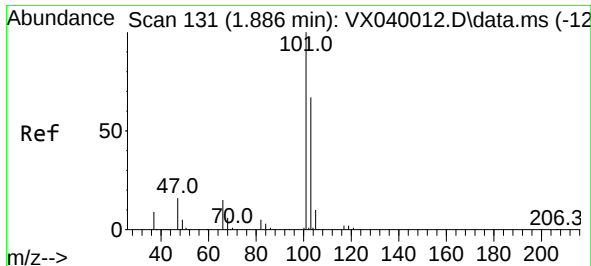
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#6
Chloroethane
Concen: 5.060 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040010.D
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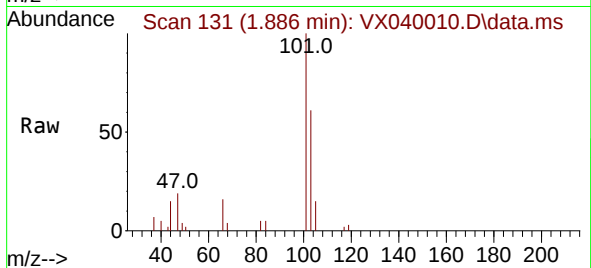
Tgt Ion: 64 Resp: 2729
Ion Ratio Lower Upper
64 100
66 22.3 25.1 37.7#





#7
Trichlorofluoromethane
Concen: 5.011 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

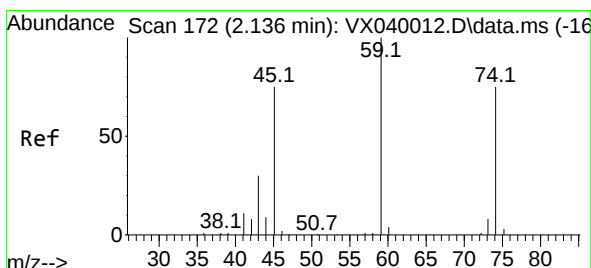
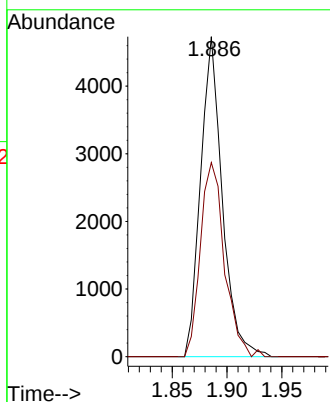
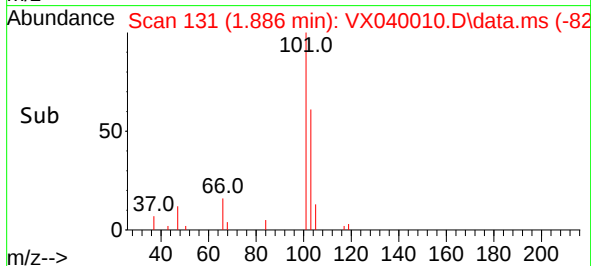
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 651
Ion Ratio Lower Upper
101 100
103 60.6 51.4 77.2

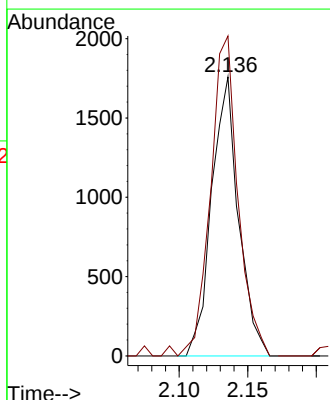
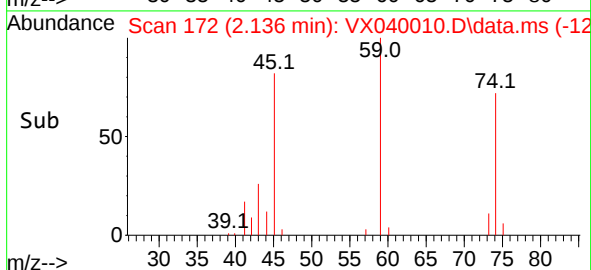
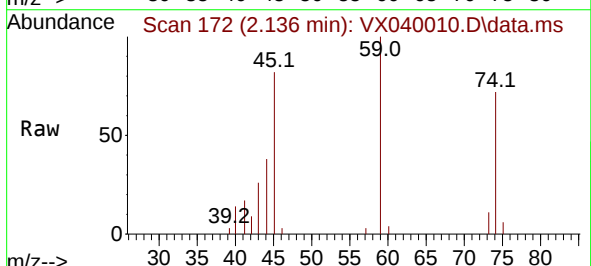
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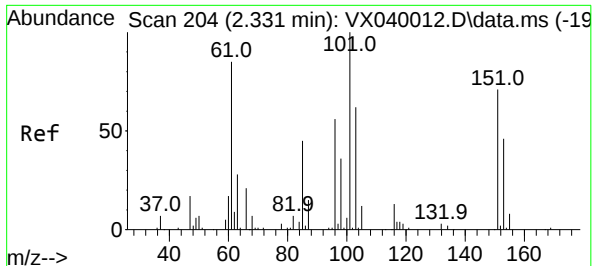
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#8
Diethyl Ether
Concen: 5.219 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 74 Resp: 2398
Ion Ratio Lower Upper
74 100
45 118.1 53.3 159.8





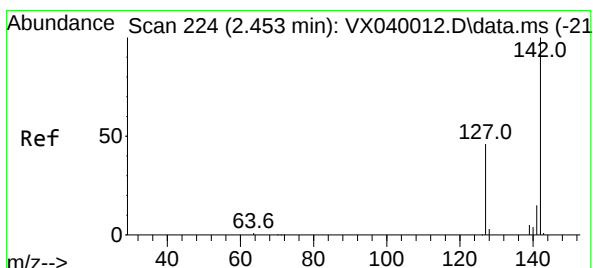
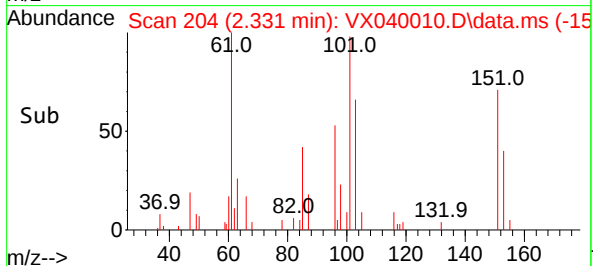
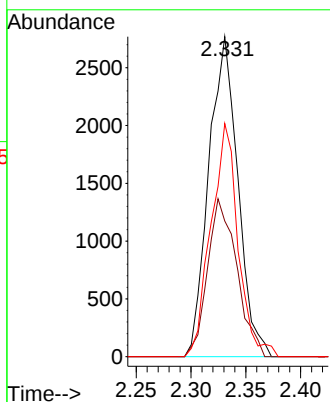
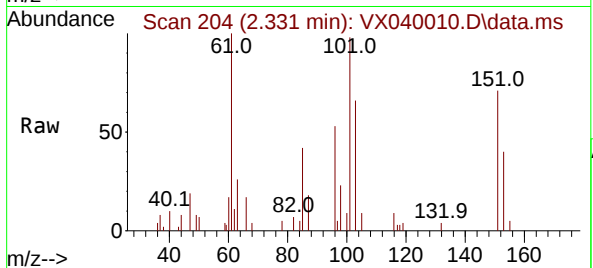
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.275 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 5110
Ion Ratio Lower Upper
101 100
85 49.6 37.0 55.6
151 67.8 58.6 87.8

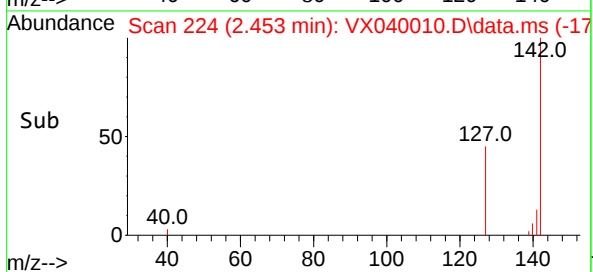
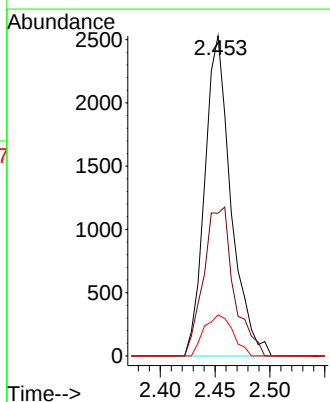
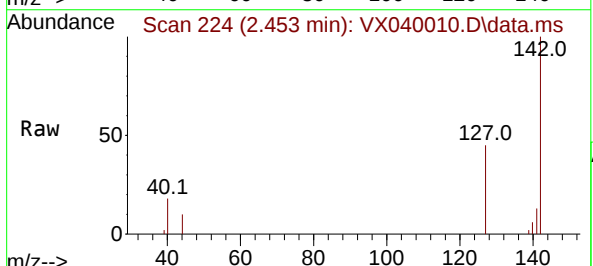
Manual Integrations
APPROVED

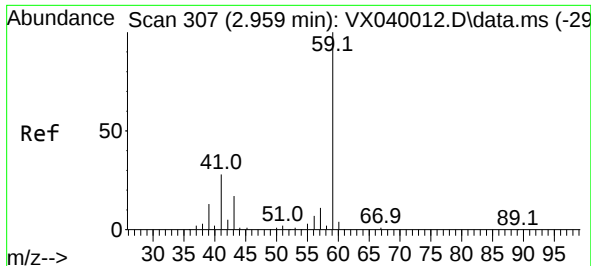
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#10
Methyl Iodide
Concen: 4.071 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion:142 Resp: 4203
Ion Ratio Lower Upper
142 100
127 53.3 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 24.085 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 5810

Ion Ratio Lower Upper

59 100

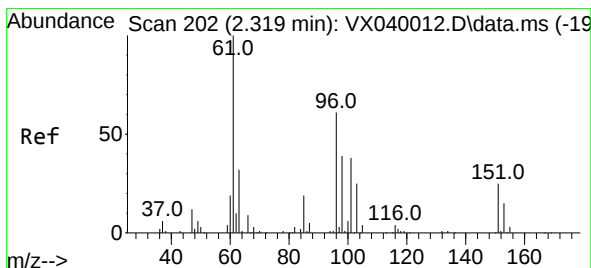
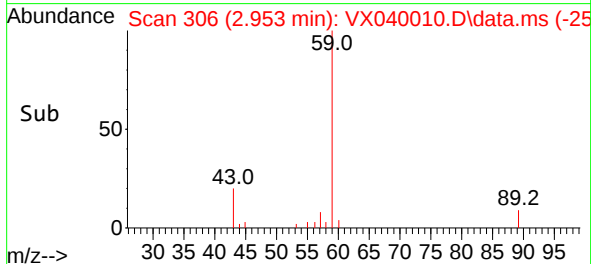
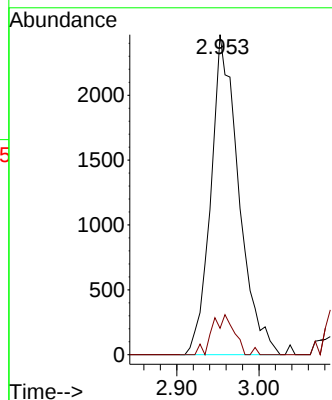
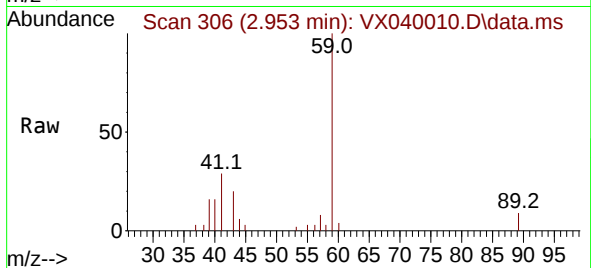
57 9.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#12

1,1-Dichloroethene

Concen: 5.351 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

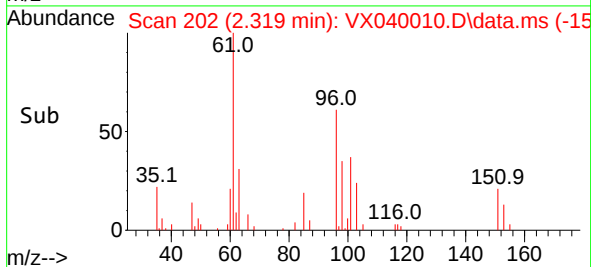
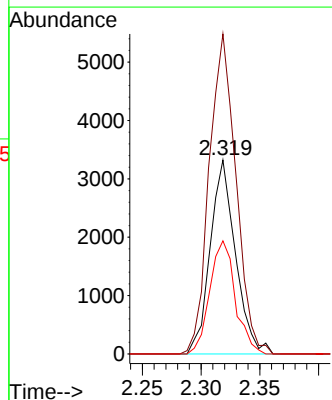
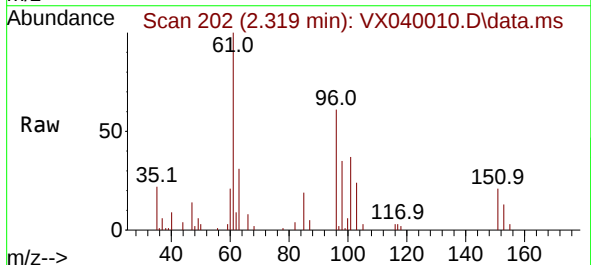
Tgt Ion: 96 Resp: 4977

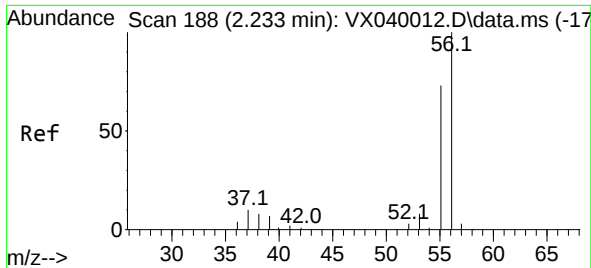
Ion Ratio Lower Upper

96 100

61 165.1 144.6 216.8

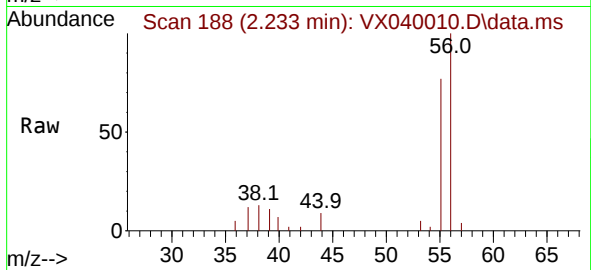
98 58.3 50.4 75.6





#13
Acrolein
Concen: 26.128 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

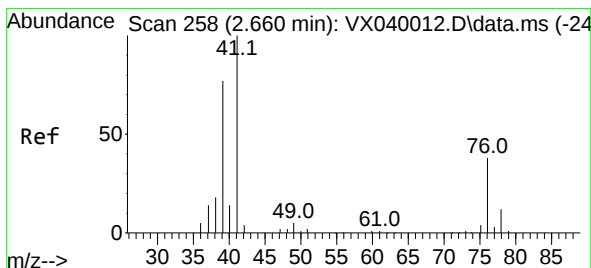
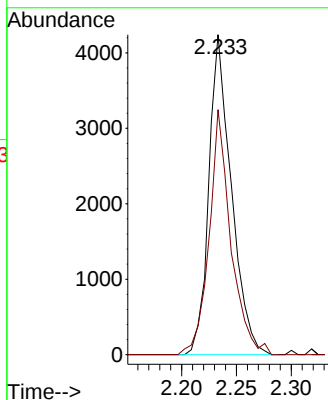
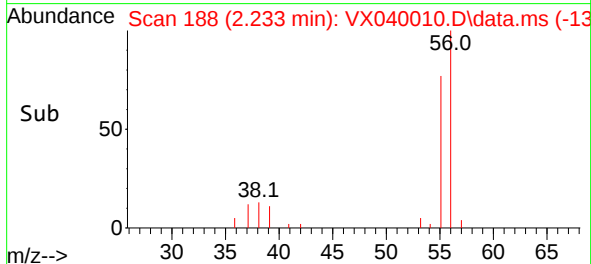
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



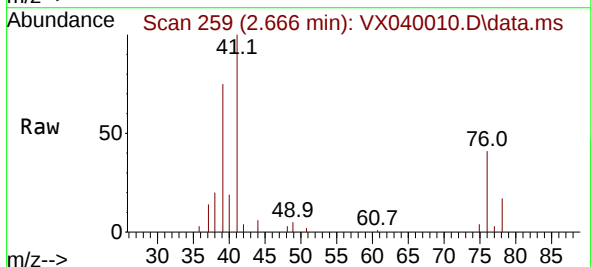
Tgt Ion: 56 Resp: 604
Ion Ratio Lower Upper
56 100
55 73.6 57.1 85.7

Manual Integrations
APPROVED

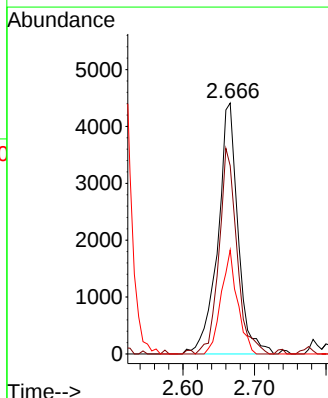
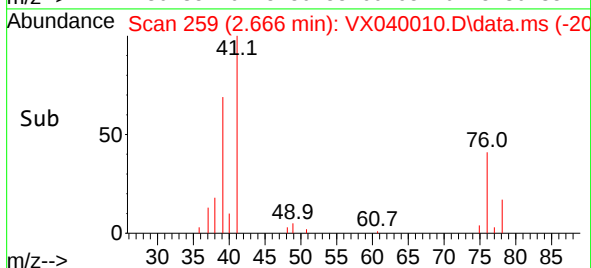
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

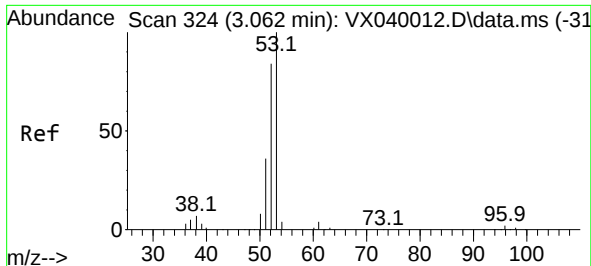


#14
Allyl chloride
Concen: 5.154 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



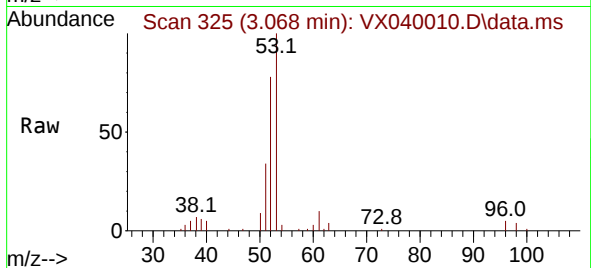
Tgt Ion: 41 Resp: 8641
Ion Ratio Lower Upper
41 100
39 73.1 55.8 83.6
76 33.7 24.3 36.5





#15
Acrylonitrile
Concen: 25.575 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

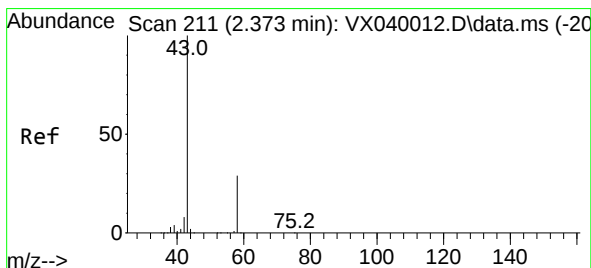
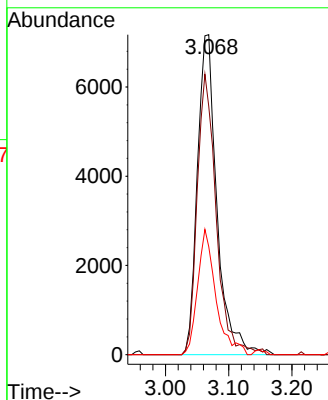
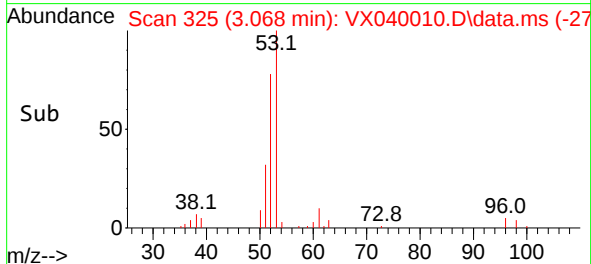
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 15470
Ion Ratio Lower Upper
53 100
52 85.0 66.0 99.0
51 36.7 29.8 44.6

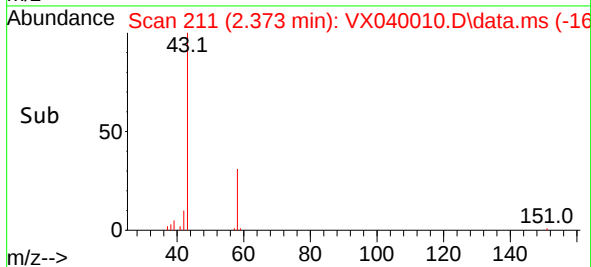
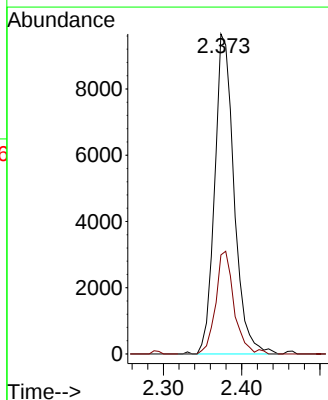
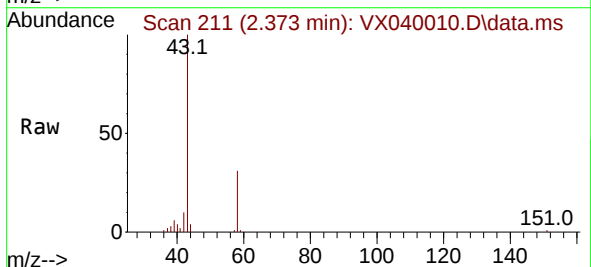
Manual Integrations
APPROVED

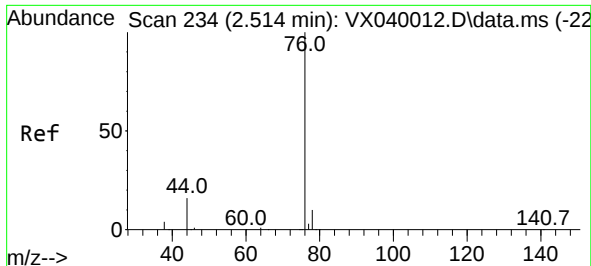
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 26.703 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

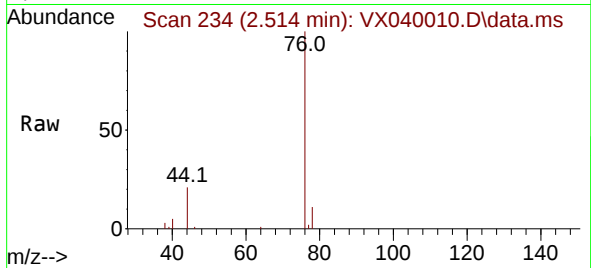
Tgt Ion: 43 Resp: 16651
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





#17
Carbon Disulfide
Concen: 4.844 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

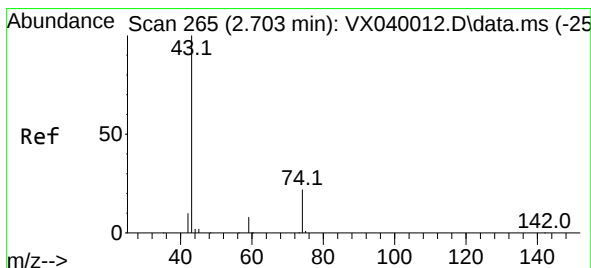
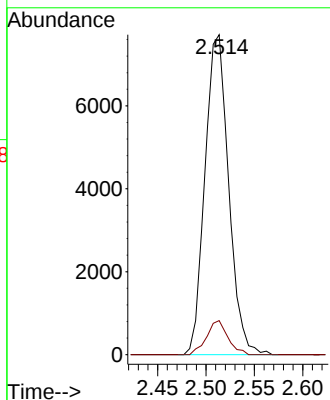
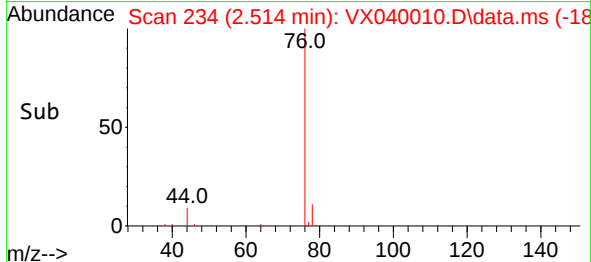
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



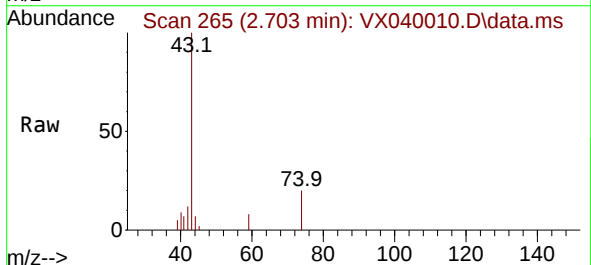
Tgt Ion: 76 Resp: 1317
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6

Manual Integrations
APPROVED

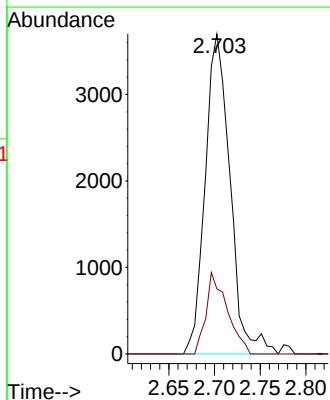
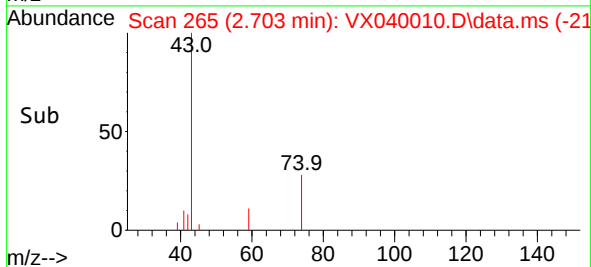
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

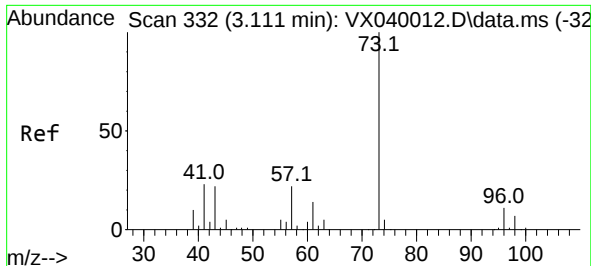


#18
Methyl Acetate
Concen: 4.741 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



Tgt Ion: 43 Resp: 7004
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8





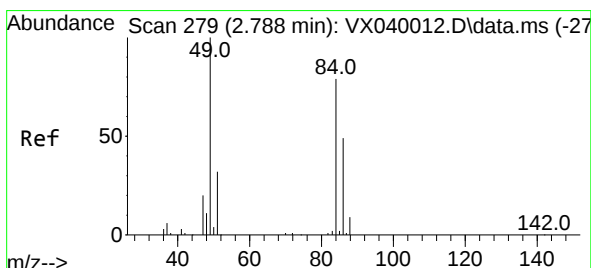
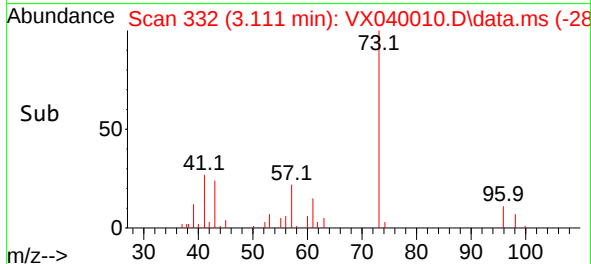
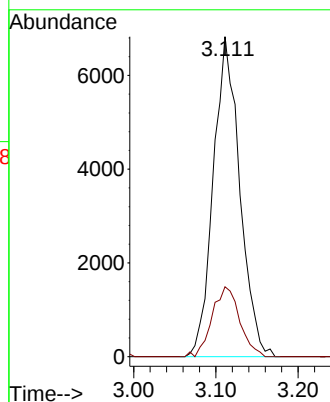
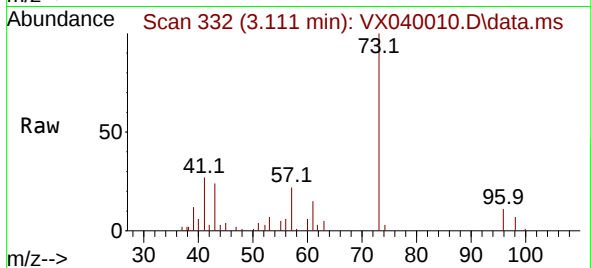
#19
Methyl tert-butyl Ether
Concen: 4.789 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1525
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

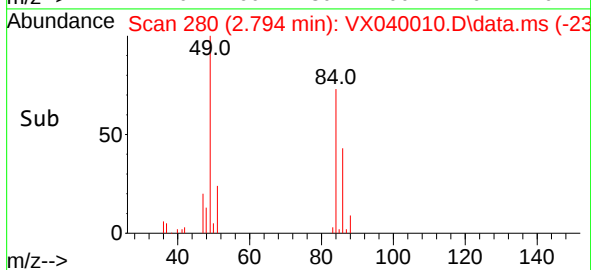
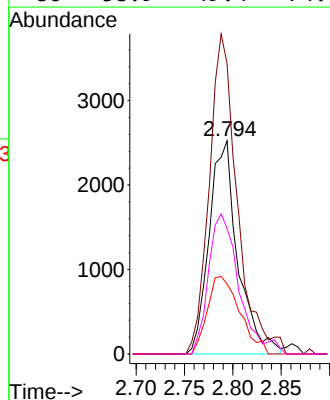
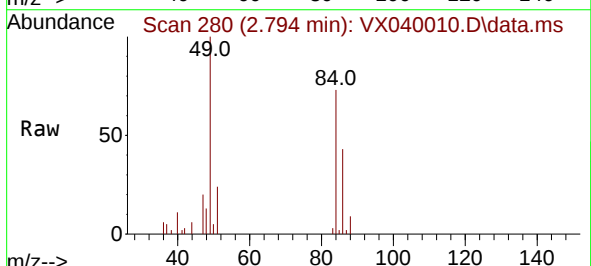
Manual Integrations
APPROVED

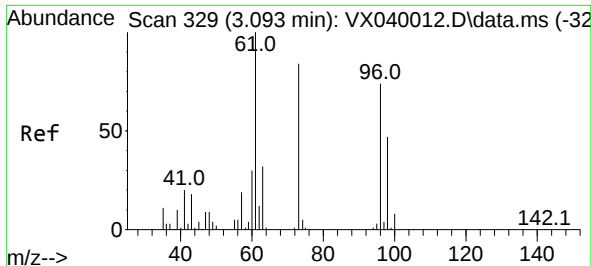
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 4.689 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

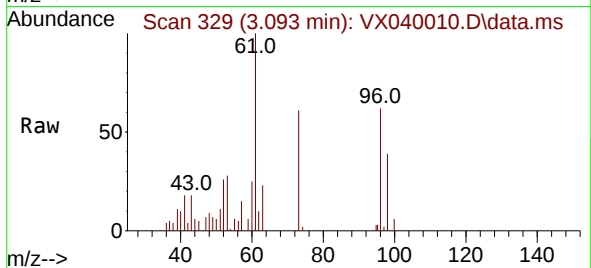
Tgt Ion: 84 Resp: 5196
Ion Ratio Lower Upper
84 100
49 136.3 103.6 155.4
51 32.7 33.8 50.6#
86 58.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.061 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

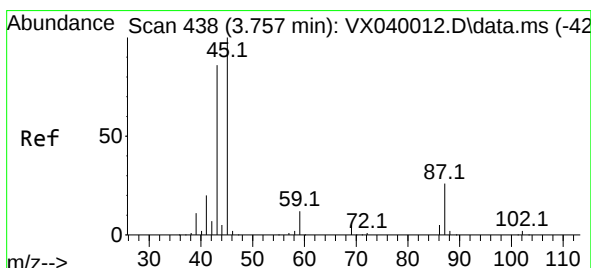
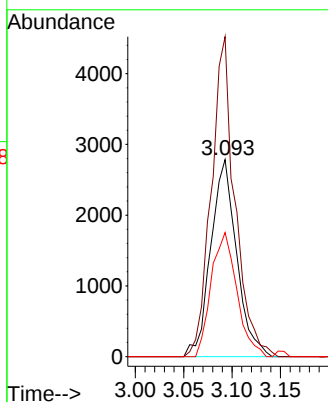
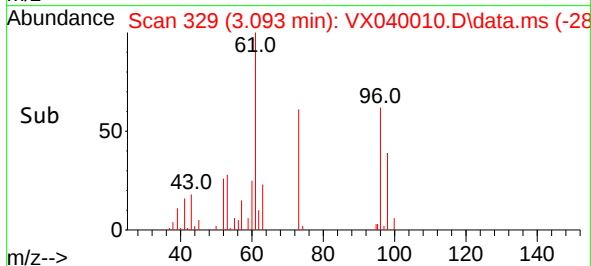
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 5184
Ion Ratio Lower Upper
96 100
61 162.3 119.2 178.8
98 63.0 48.7 73.1

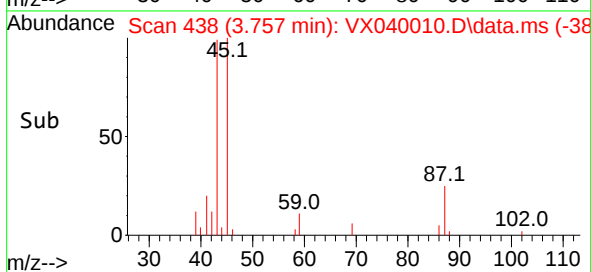
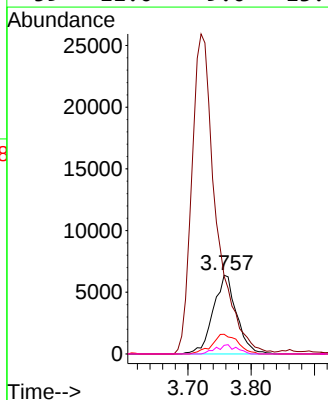
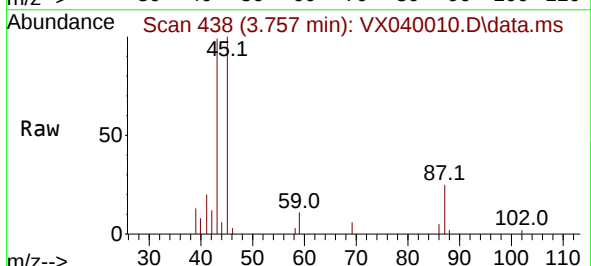
Manual Integrations
APPROVED

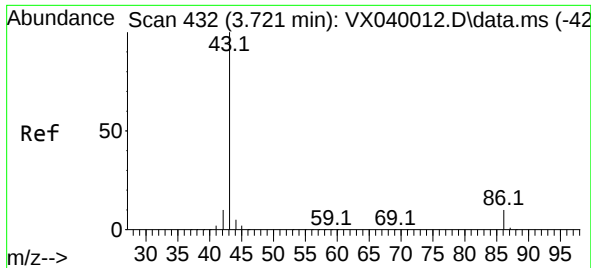
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#22
Diisopropyl ether
Concen: 5.036 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 45 Resp: 16355
Ion Ratio Lower Upper
45 100
43 95.6 69.7 104.5
87 25.1 20.8 31.2
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 23.893 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040010.D
 Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

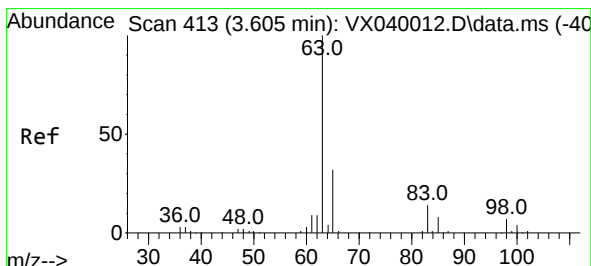
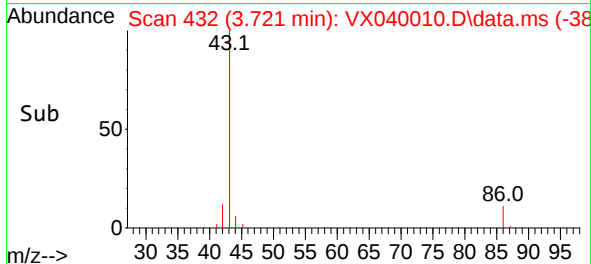
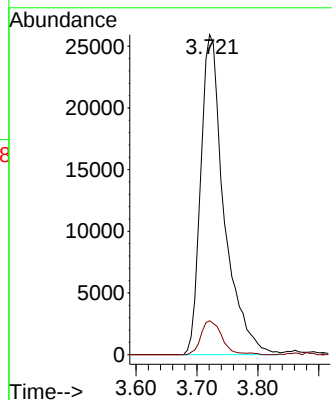
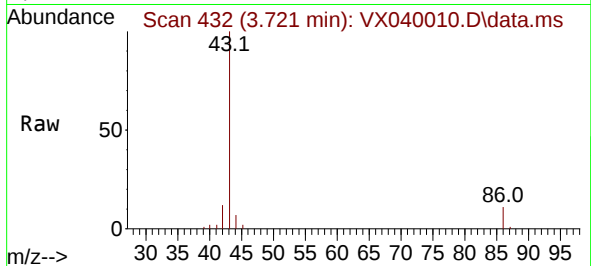
VSTDICC005

Tgt Ion: 43 Resp: 69440
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

Manual Integrations

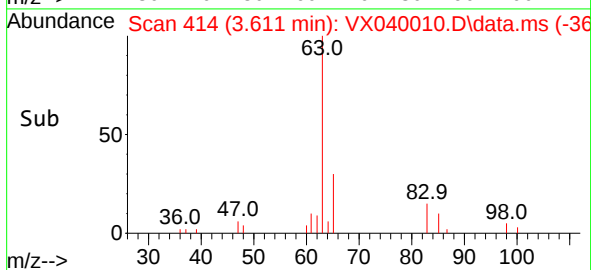
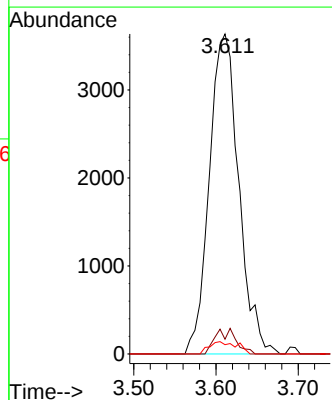
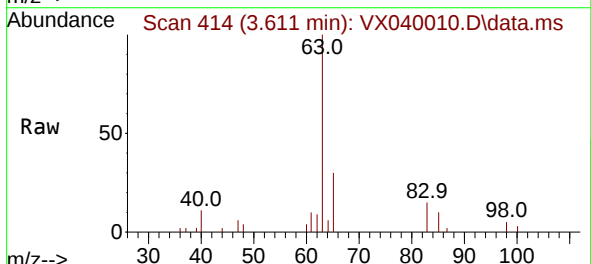
APPROVED

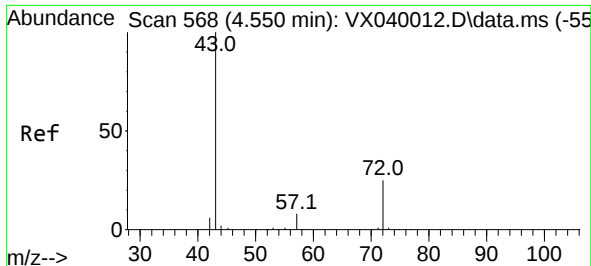
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#24
 1,1-Dichloroethane
 Concen: 4.871 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040010.D
 Acq: 30 Jan 2024 10:58

Tgt Ion: 63 Resp: 9060
 Ion Ratio Lower Upper
 63 100
 98 4.6 3.3 9.8
 100 2.9 2.1 6.5





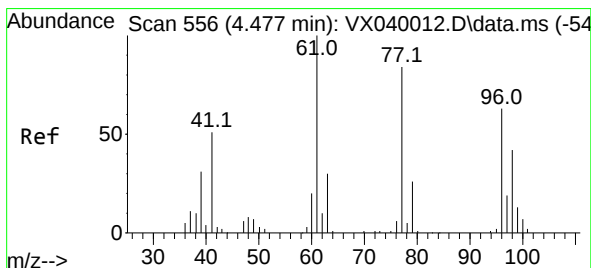
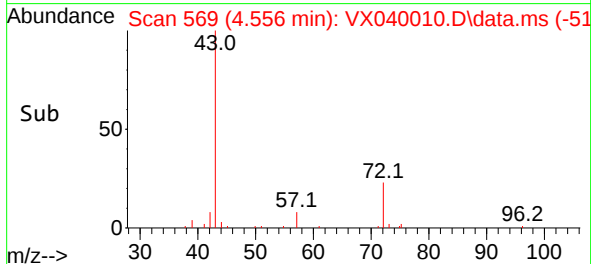
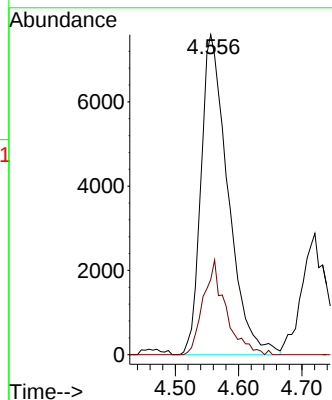
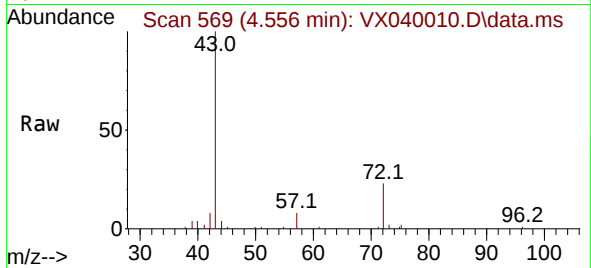
#25
2-Butanone
Concen: 25.968 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22509
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2

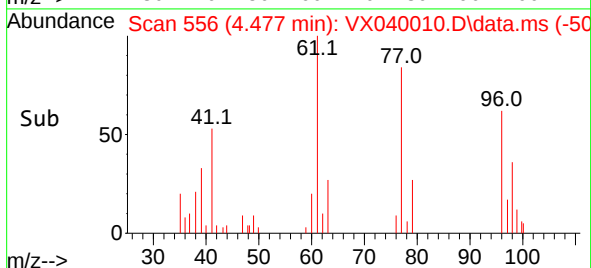
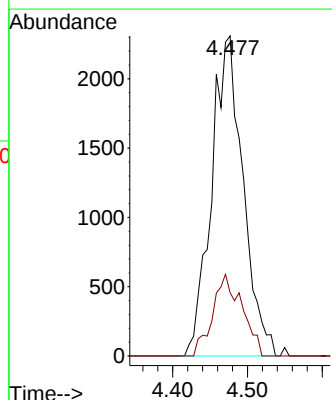
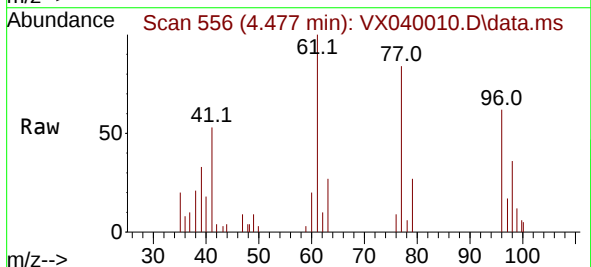
Manual Integrations
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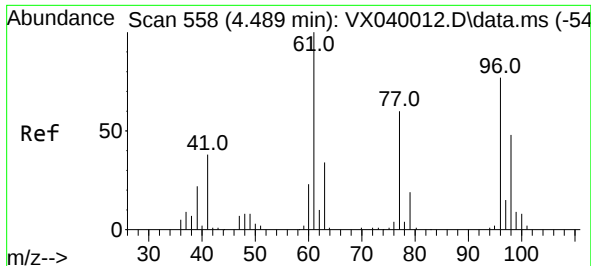
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#26
2,2-Dichloropropane
Concen: 4.669 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 77 Resp: 6776
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.261 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 601

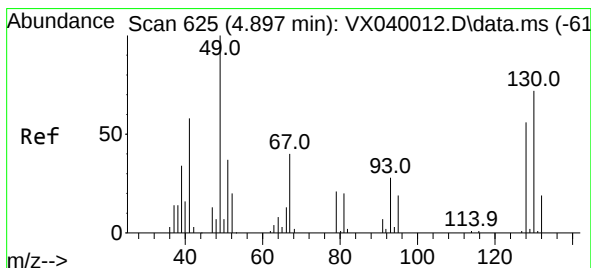
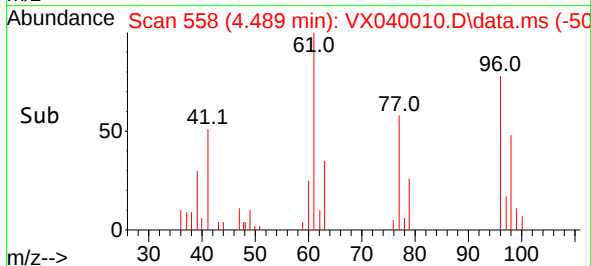
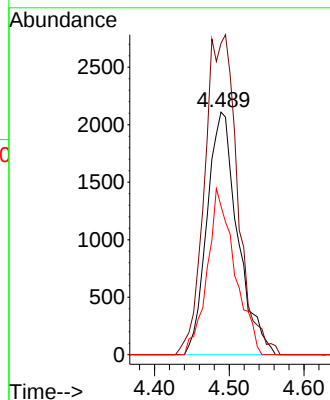
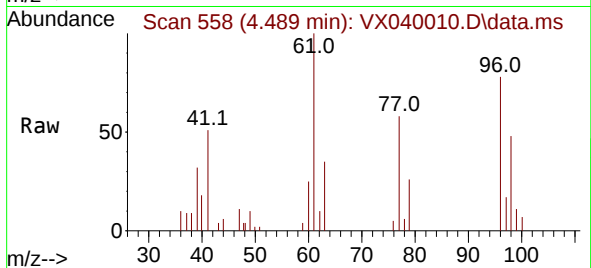
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	312.2
98	61.3	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#28

Bromochloromethane

Concen: 5.307 ug/l

RT: 4.897 min Scan# 625

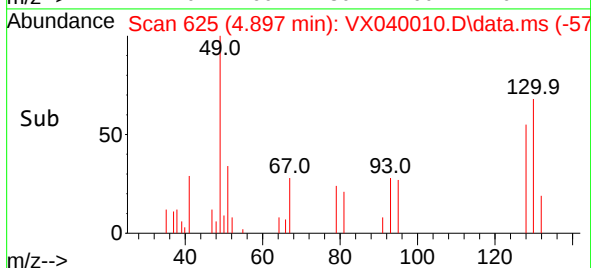
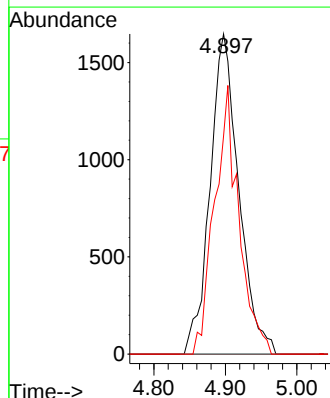
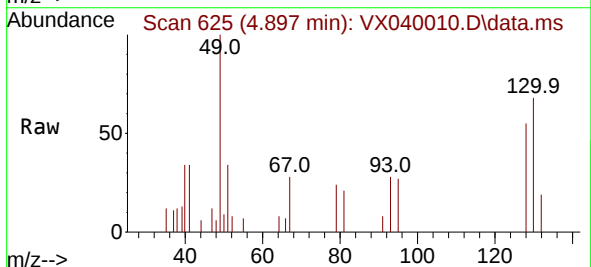
Delta R.T. -0.000 min

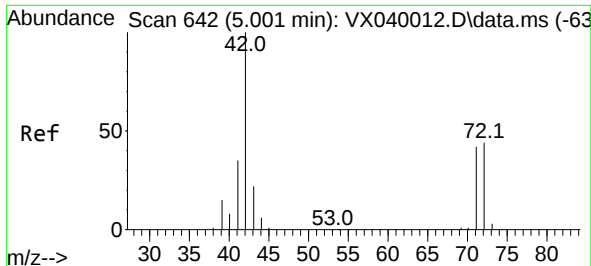
Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Tgt Ion: 49 Resp: 4603

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	71.1	57.5	86.3





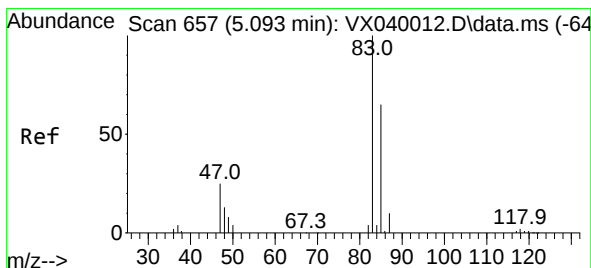
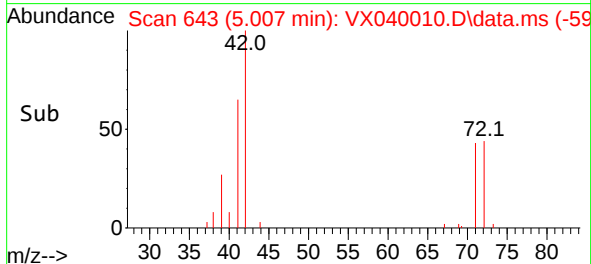
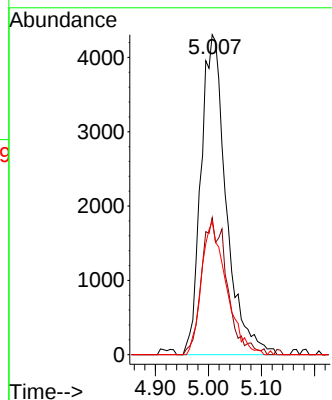
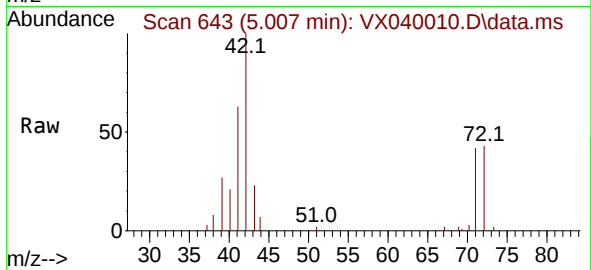
#29
Tetrahydrofuran
Concen: 25.810 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 14225
Ion Ratio Lower Upper
42 100
72 43.1 34.2 51.4
71 41.0 32.2 48.2

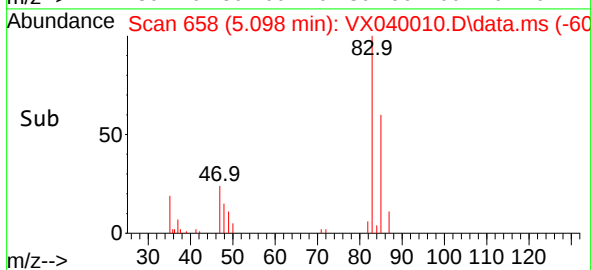
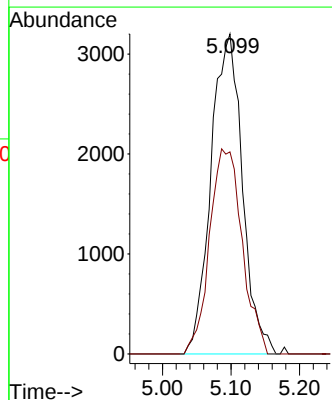
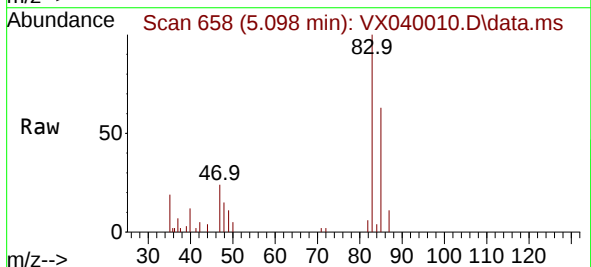
Manual Integrations
APPROVED

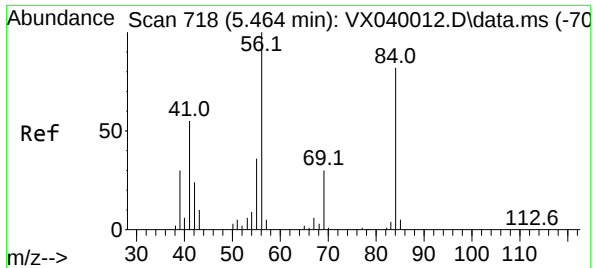
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#30
Chloroform
Concen: 5.099 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

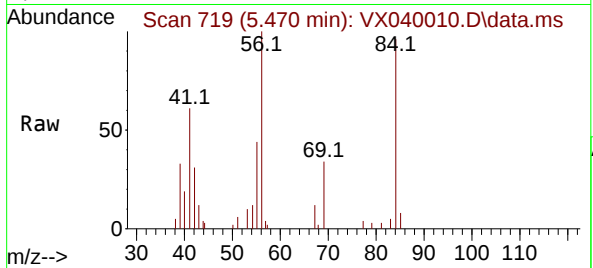
Tgt Ion: 83 Resp: 10183
Ion Ratio Lower Upper
83 100
85 63.2 50.3 75.5





#31
Cyclohexane
Concen: 5.005 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

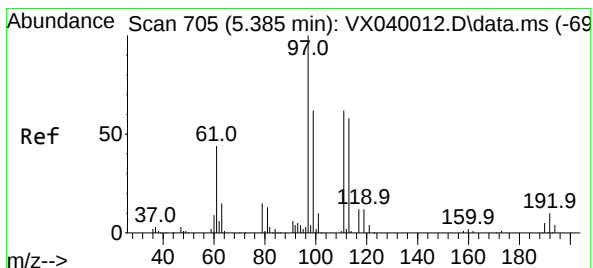
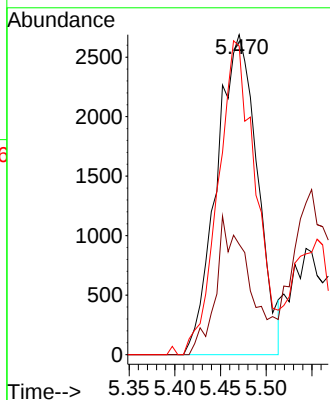
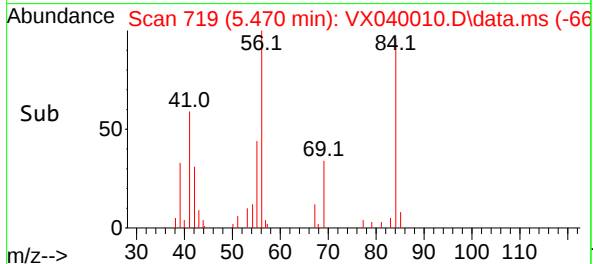
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



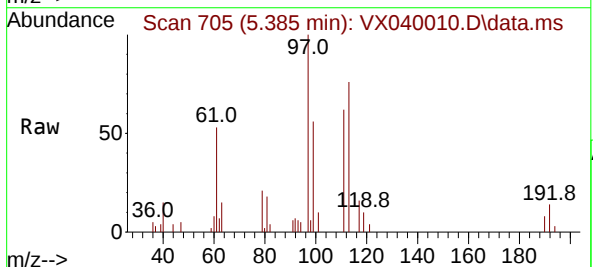
Tgt Ion: 56 Resp: 834
Ion Ratio Lower Upper
56 100
69 34.5 23.4 35.2
84 96.5 65.9 98.9

Manual Integrations
APPROVED

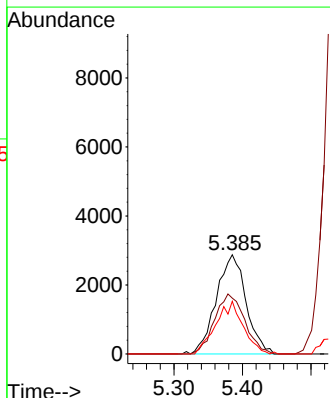
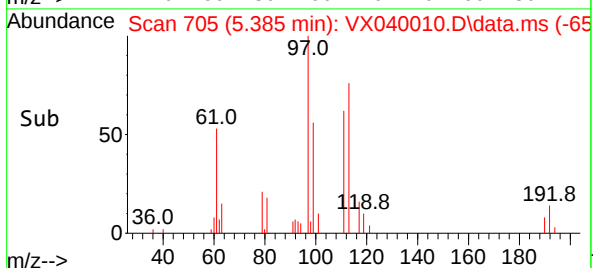
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

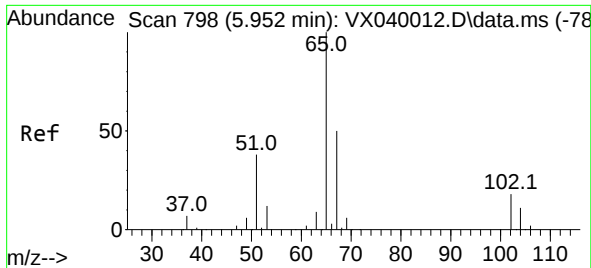


#32
1,1,1-Trichloroethane
Concen: 5.065 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



Tgt Ion: 97 Resp: 8681
Ion Ratio Lower Upper
97 100
99 61.1 51.1 76.7
61 48.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.880 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 782

Ion Ratio Lower Upper

65 100

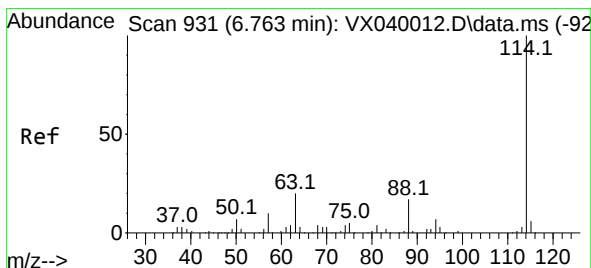
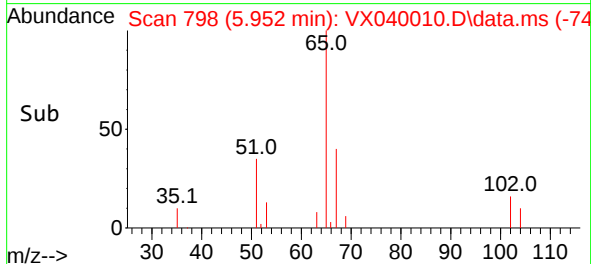
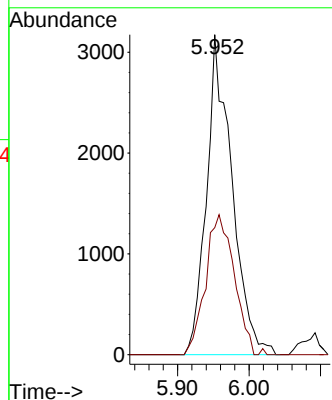
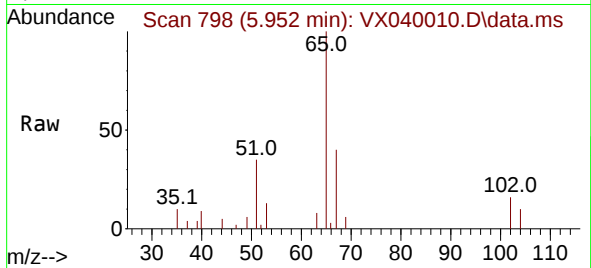
67 49.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

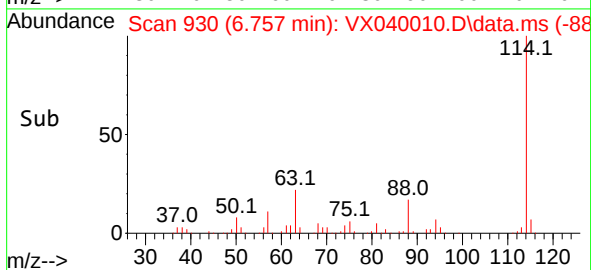
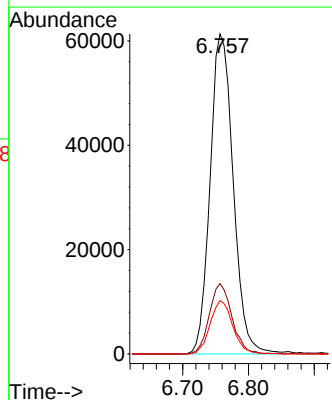
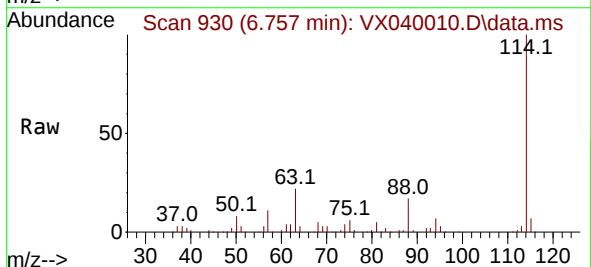
Tgt Ion:114 Resp: 150041

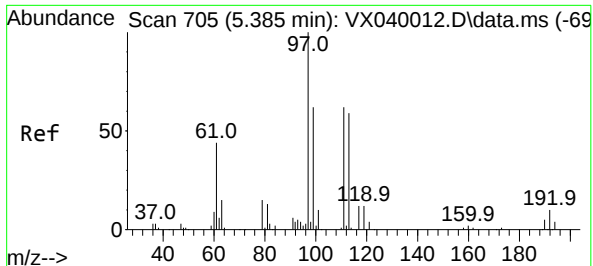
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.755 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

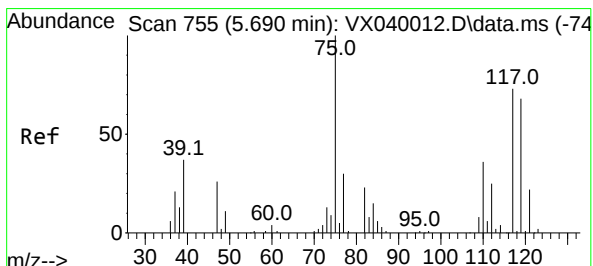
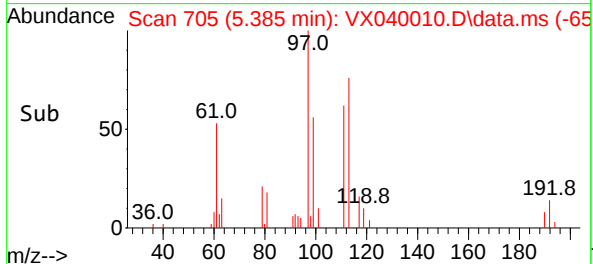
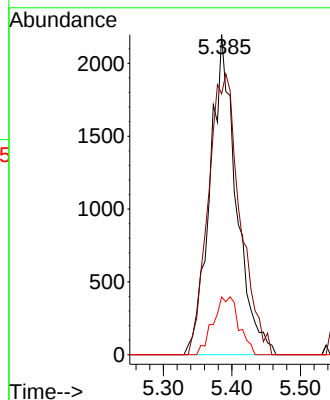
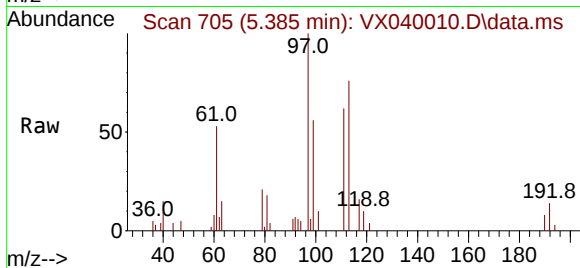
Tgt Ion:	113	Resp:	5878
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.9	124.3
192	17.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#36

1,1-Dichloropropene

Concen: 5.007 ug/l

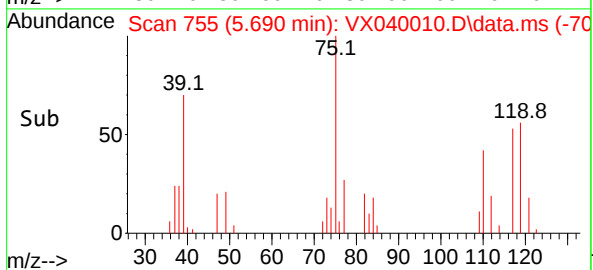
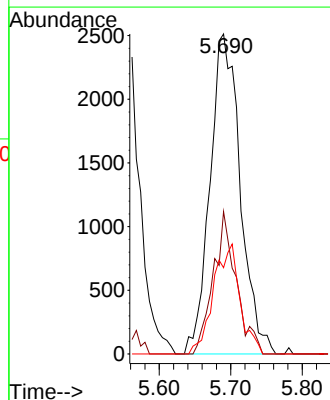
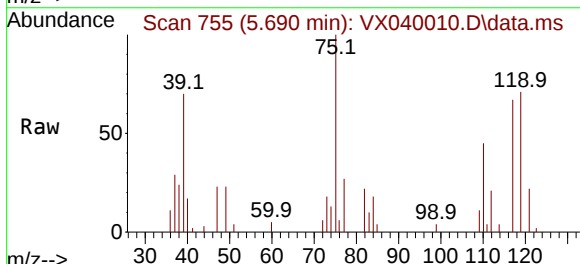
RT: 5.690 min Scan# 755

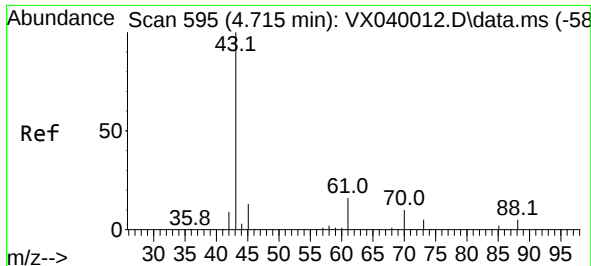
Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Tgt Ion:	75	Resp:	7396
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.0	50.9
77	30.0	24.7	37.1





#37

Ethyl Acetate

Concen: 5.332 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 860

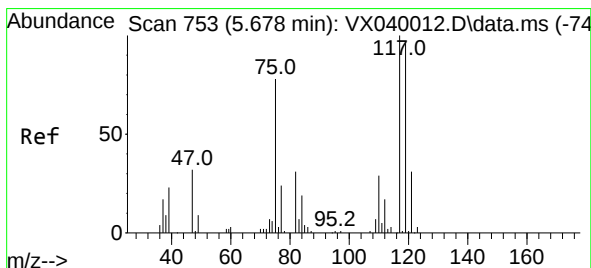
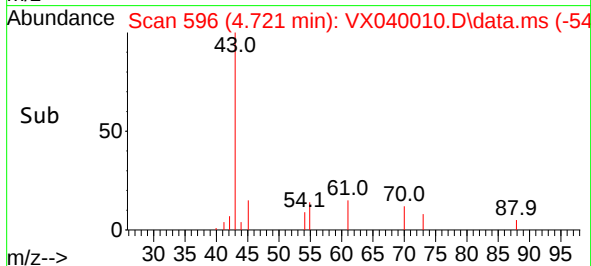
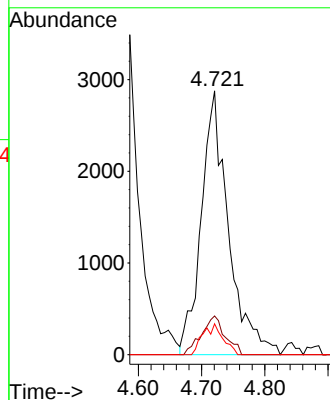
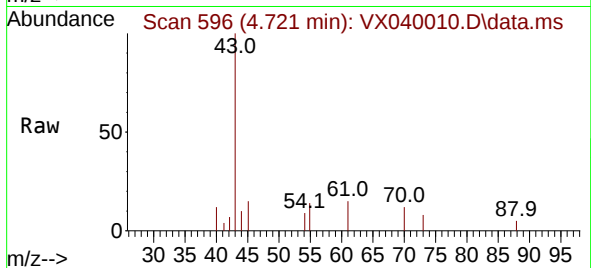
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	16.0
70	8.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#38

Carbon Tetrachloride

Concen: 4.590 ug/l

RT: 5.684 min Scan# 754

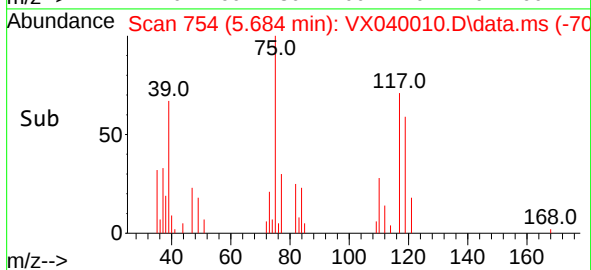
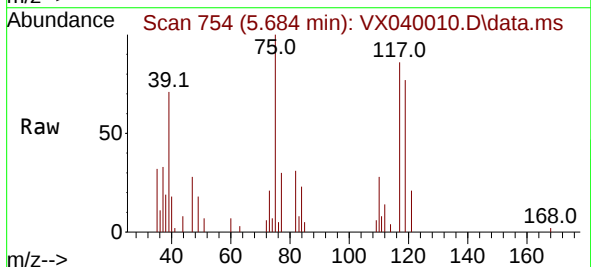
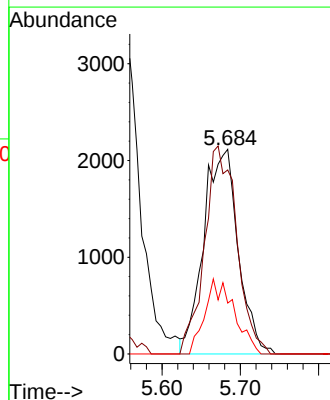
Delta R.T. 0.006 min

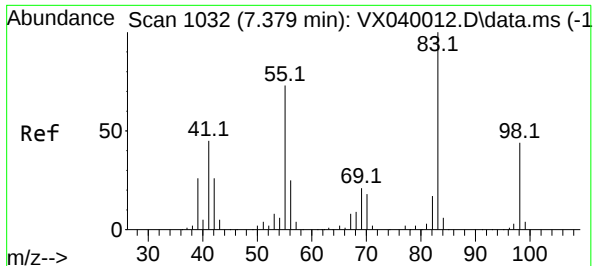
Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Tgt Ion:117 Resp: 6487

Ion	Ratio	Lower	Upper
117	100		
119	89.9	78.2	117.2
121	24.9	24.4	36.6





#39

Methylcyclohexane

Concen: 5.202 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

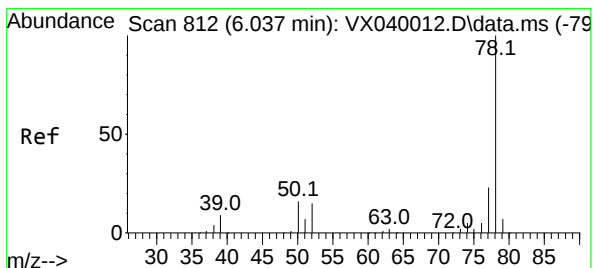
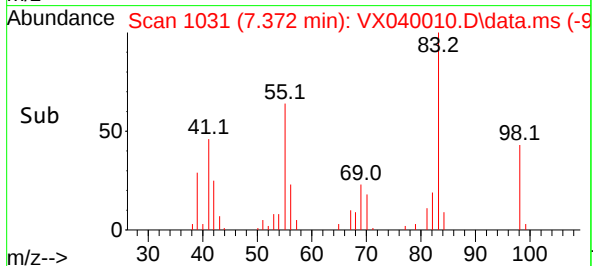
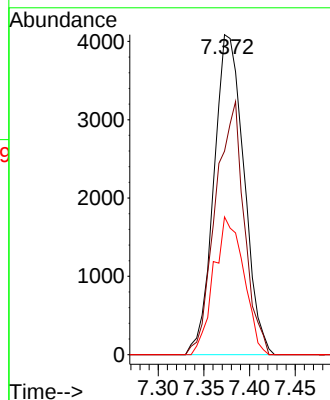
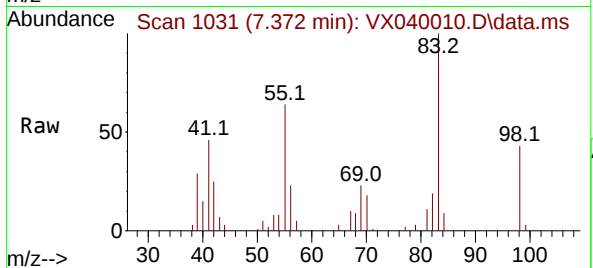
Tgt Ion: 83	Resp: 9349
Ion Ratio	Lower Upper
83	100
55	63.6 64.6 97.0
98	43.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#40

Benzene

Concen: 5.001 ug/l

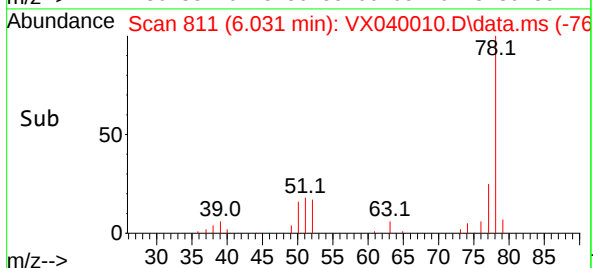
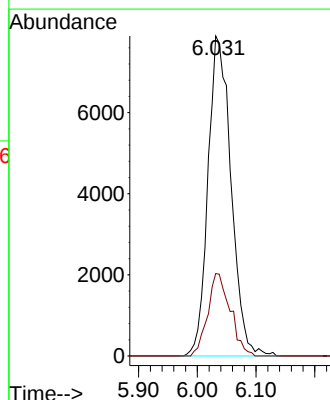
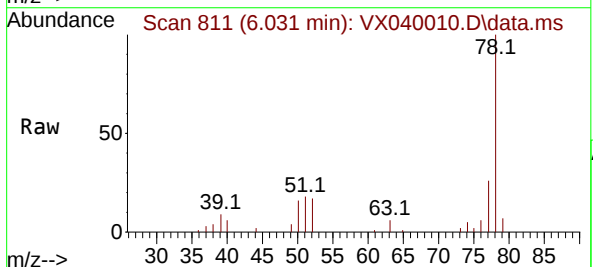
RT: 6.031 min Scan# 811

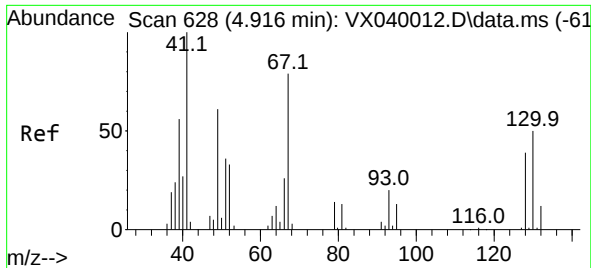
Delta R.T. -0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

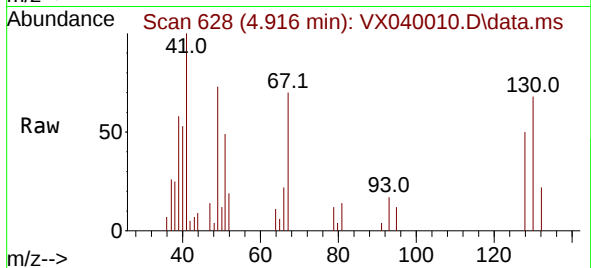
Tgt Ion: 78	Resp: 21515
Ion Ratio	Lower Upper
78	100
77	25.7 19.3 28.9





#41
Methacrylonitrile
Concen: 4.810 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

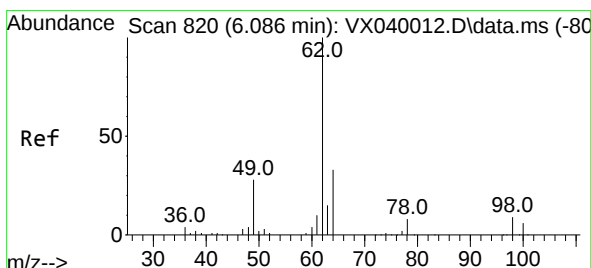
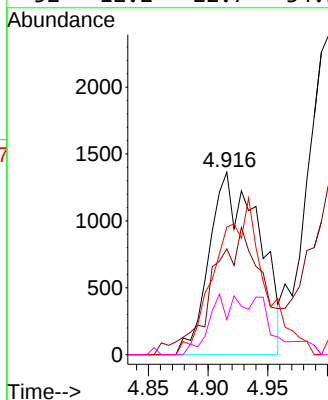
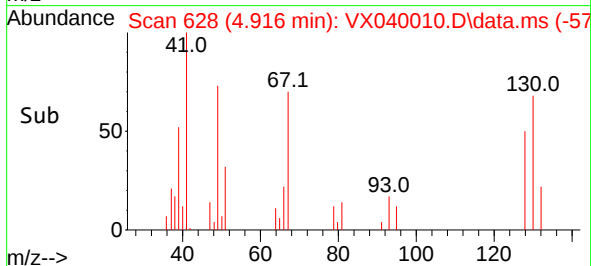
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 393
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8
67 0.0 52.6 78.8
52 12.2 22.7 34.1

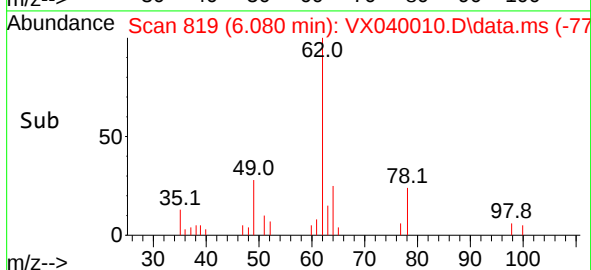
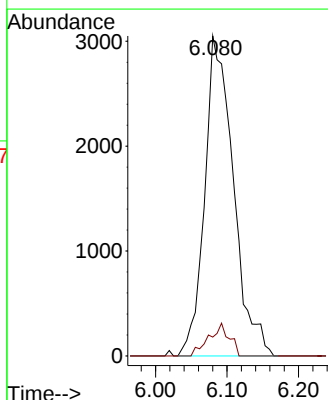
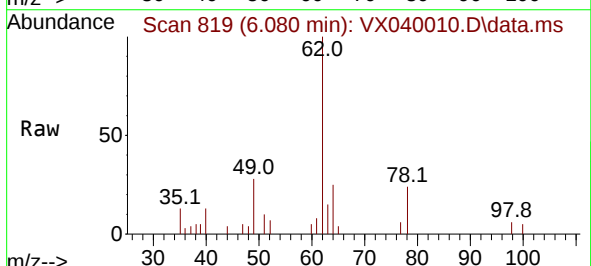
Manual Integrations
APPROVED

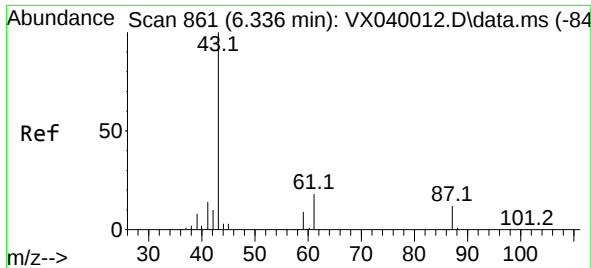
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#42
1,2-Dichloroethane
Concen: 5.132 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

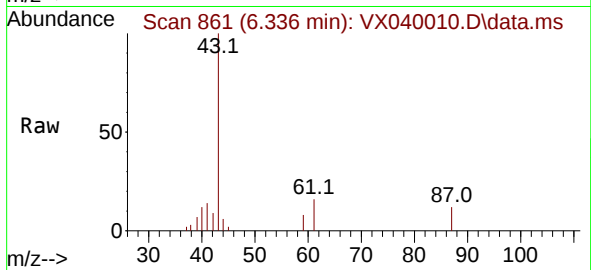
Tgt Ion: 62 Resp: 8500
Ion Ratio Lower Upper
62 100
98 7.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 4.851 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

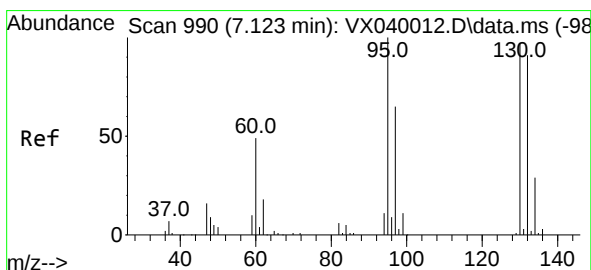
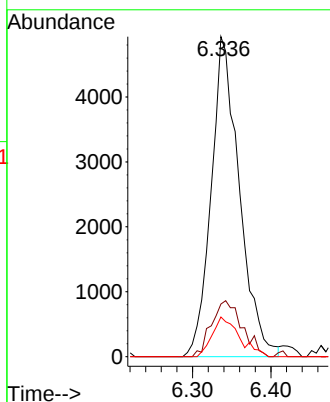
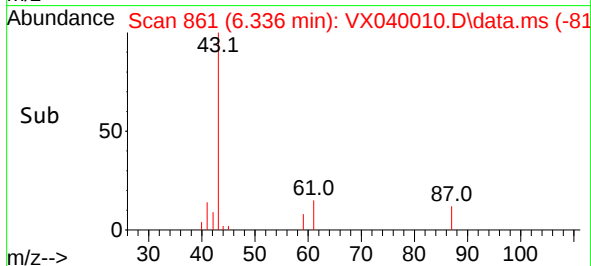
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



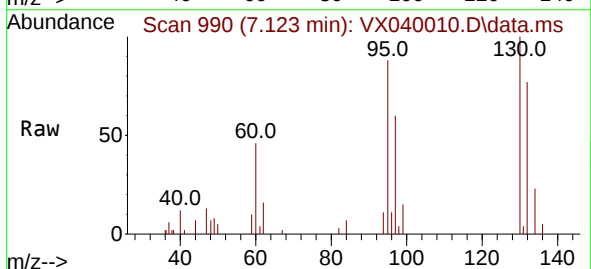
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 11.9 9.8 14.6

Manual Integrations
APPROVED

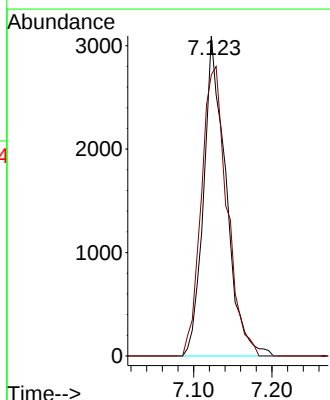
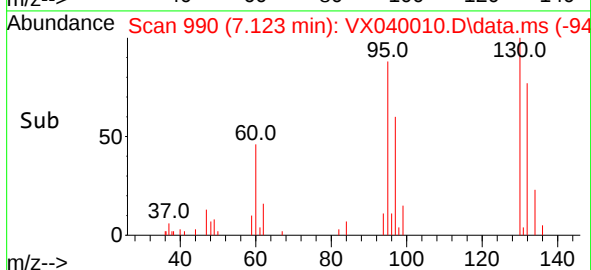
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

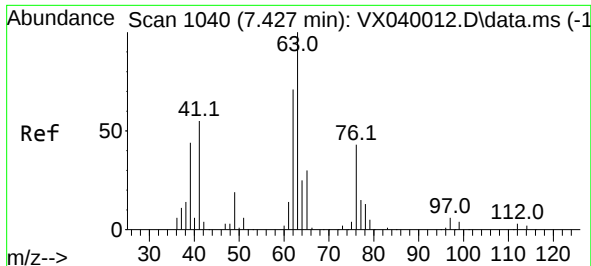


#44
Trichloroethene
Concen: 5.384 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



Tgt Ion:130 Resp: 6096
Ion Ratio Lower Upper
130 100
95 87.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.887 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 555

Ion Ratio Lower Upper

63 100

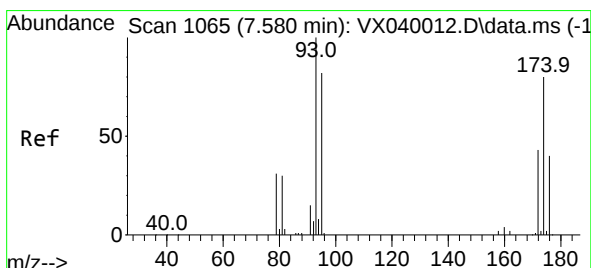
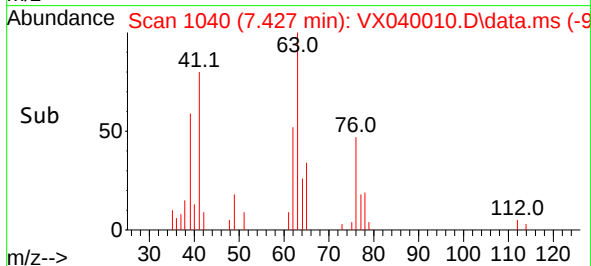
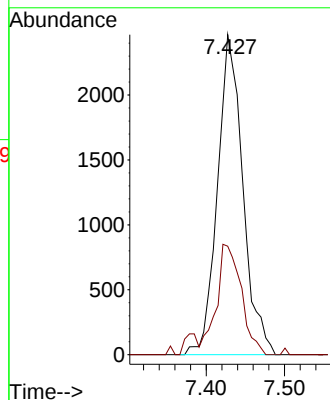
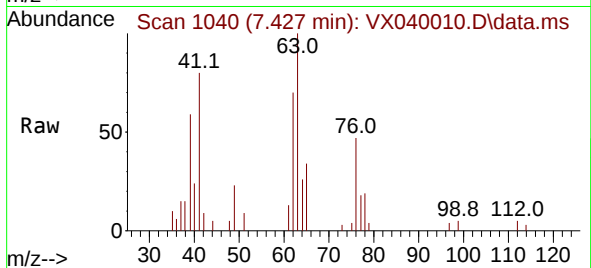
65 33.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#46

Dibromomethane

Concen: 5.209 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

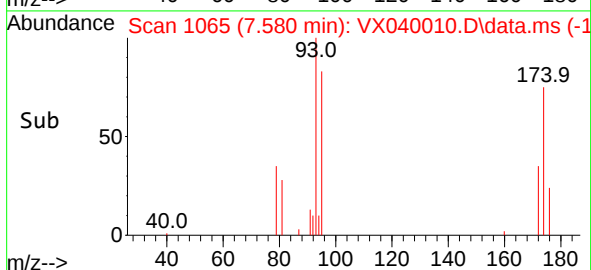
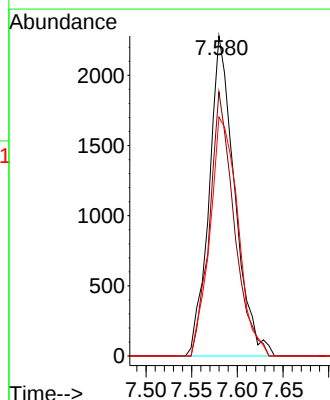
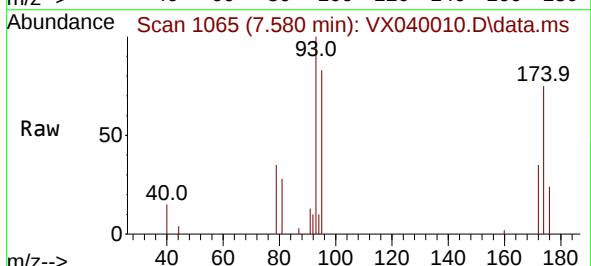
Tgt Ion: 93 Resp: 4441

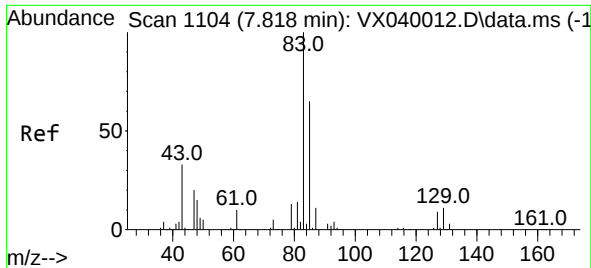
Ion Ratio Lower Upper

93 100

95 79.2 66.6 100.0

174 81.8 69.4 104.0





#47
Bromodichloromethane
Concen: 4.912 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

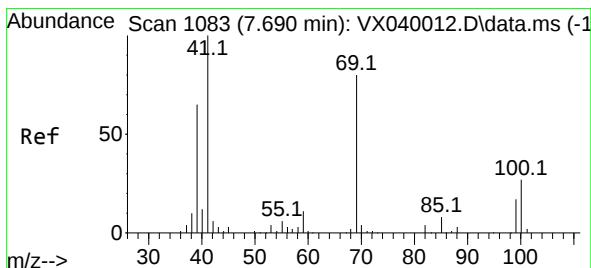
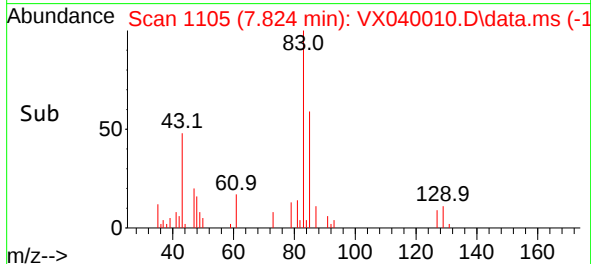
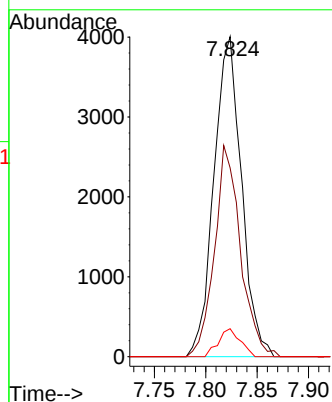
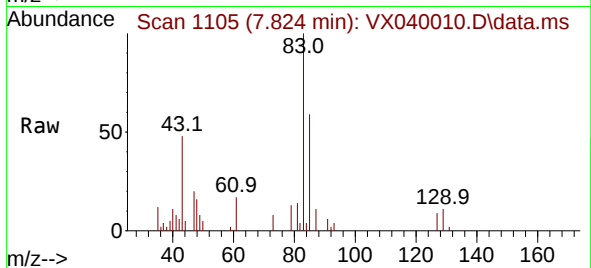
VSTDIC005

Tgt Ion: 83 Resp: 7459
Ion Ratio Lower Upper
83 100
85 59.0 49.8 74.6
127 8.7 7.1 10.7

Manual Integrations

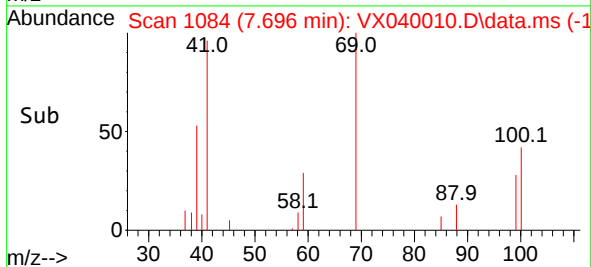
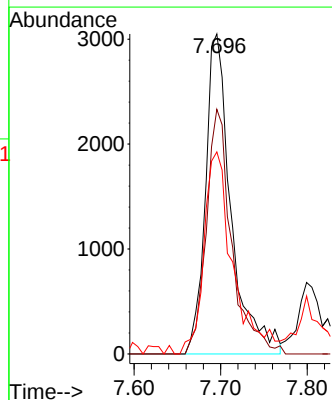
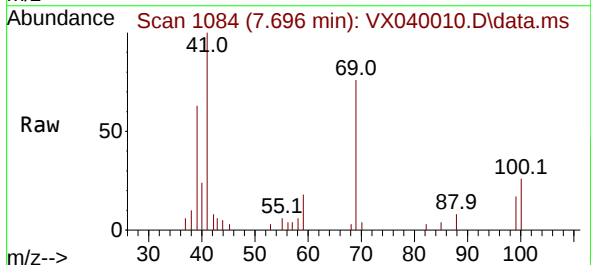
APPROVED

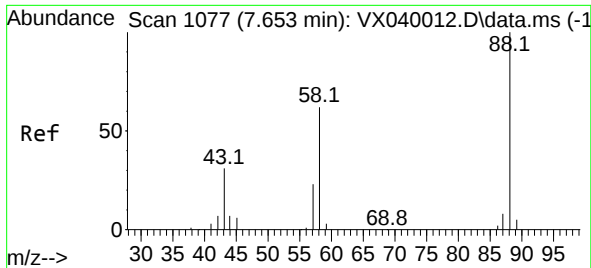
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#48
Methyl methacrylate
Concen: 5.008 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 41 Resp: 6276
Ion Ratio Lower Upper
41 100
69 75.7 59.2 88.8
39 71.3 47.7 71.5





#49
1,4-Dioxane
Concen: 96.171 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

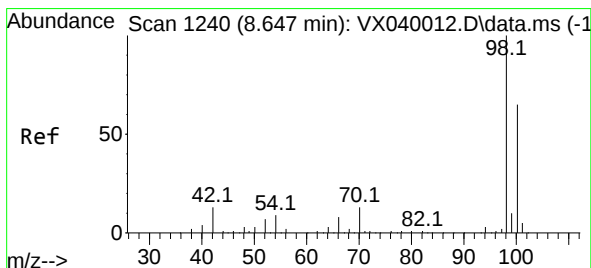
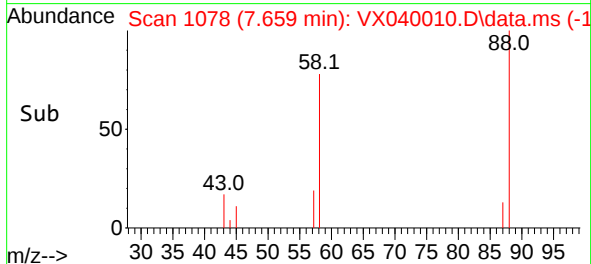
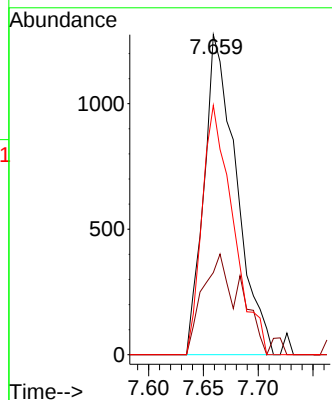
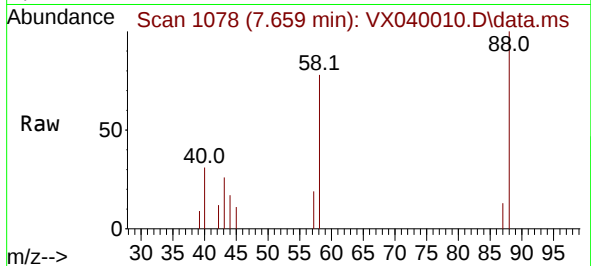
Tgt Ion: 88 Resp: 2619
Ion Ratio Lower Upper
88 100
43 25.9 0.0 0.0
58 74.6 60.1 90.1

Manual Integrations

APPROVED

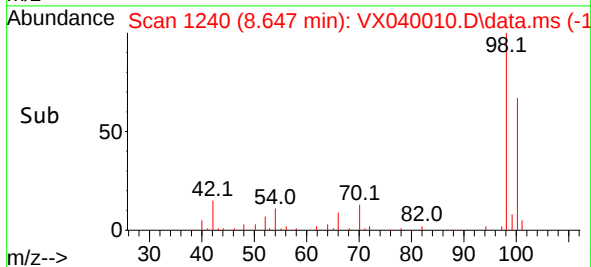
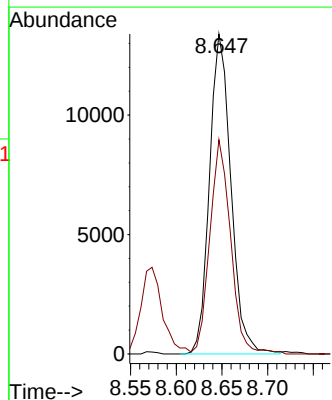
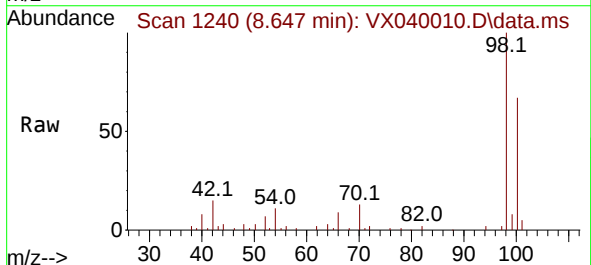
Reviewed By :John Carlone 01/31/2024

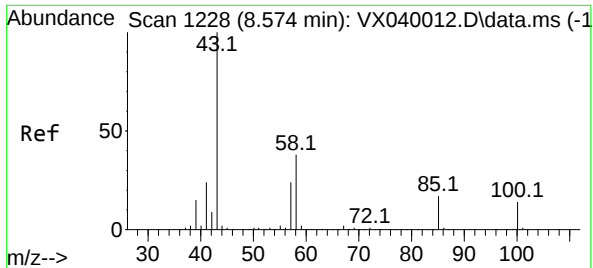
Supervised By :Semsettin Yesilyurt 01/31/2024



#50
Toluene-d8
Concen: 5.715 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 98 Resp: 21828
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





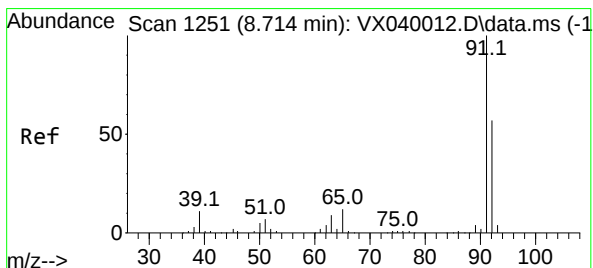
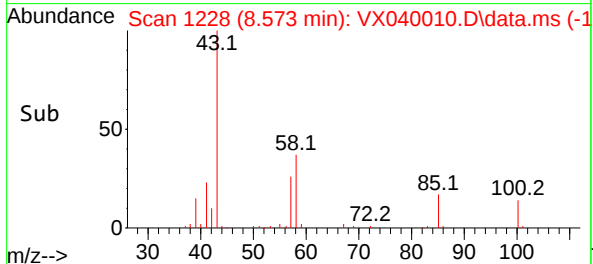
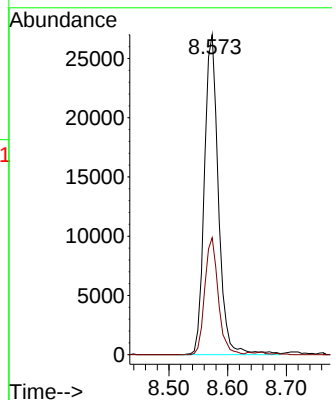
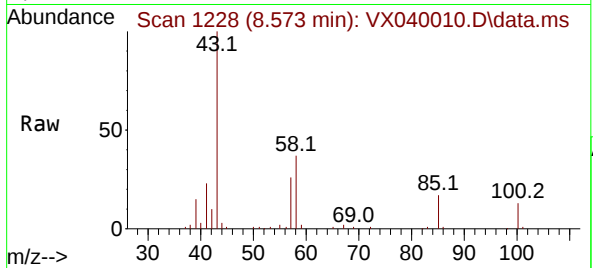
#51
4-Methyl-2-Pentanone
Concen: 25.865 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 44918
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

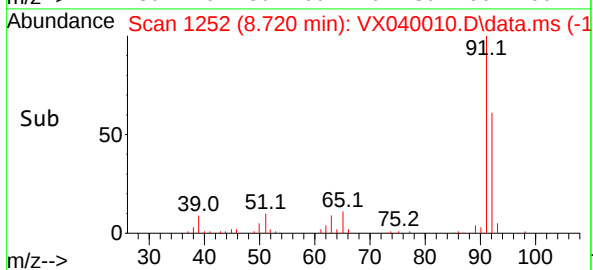
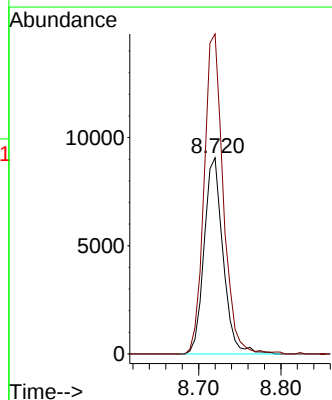
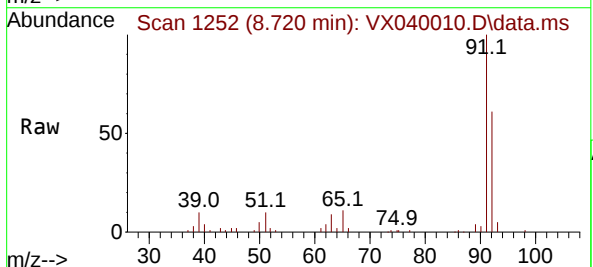
Manual Integrations
APPROVED

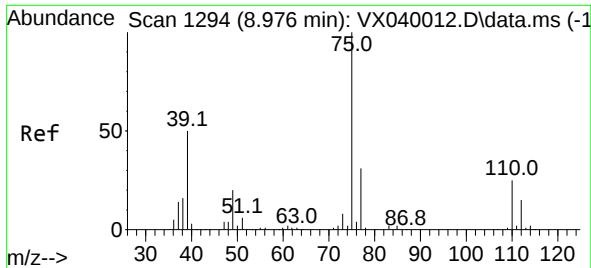
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#52
Toluene
Concen: 5.400 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 92 Resp: 14481
Ion Ratio Lower Upper
92 100
91 165.2 134.2 201.2





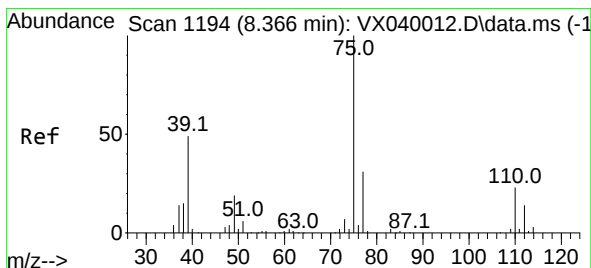
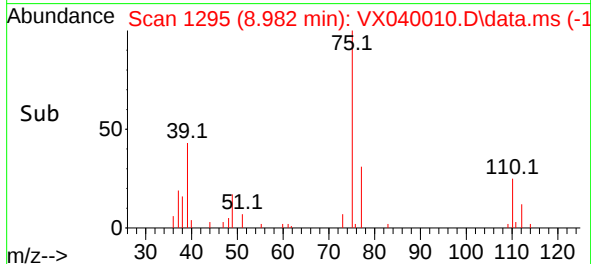
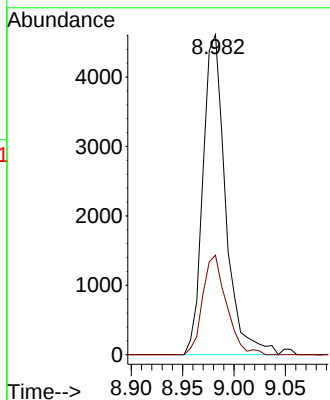
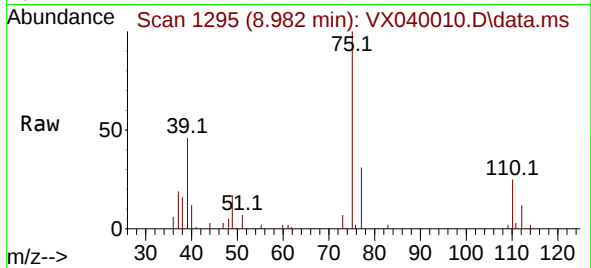
#53
t-1,3-Dichloropropene
Concen: 4.490 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

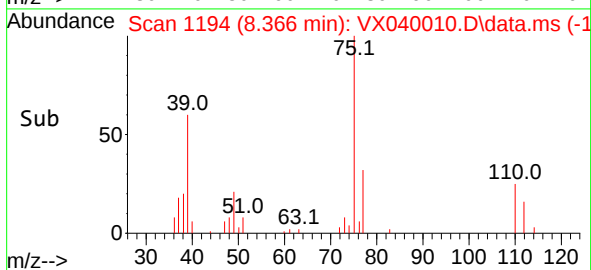
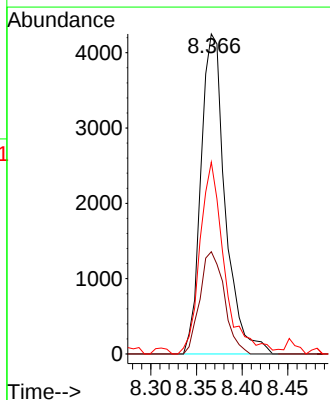
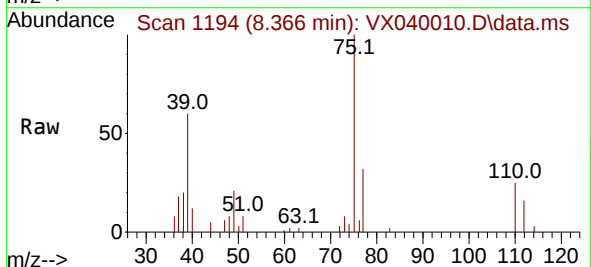
Manual Integrations
APPROVED

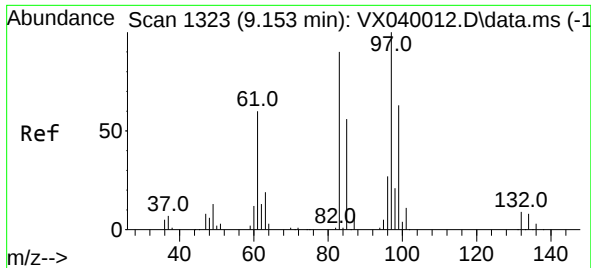
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#54
cis-1,3-Dichloropropene
Concen: 4.670 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 75 Resp: 7849
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 59.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 5.074 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

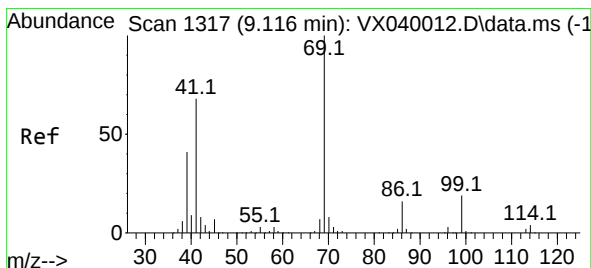
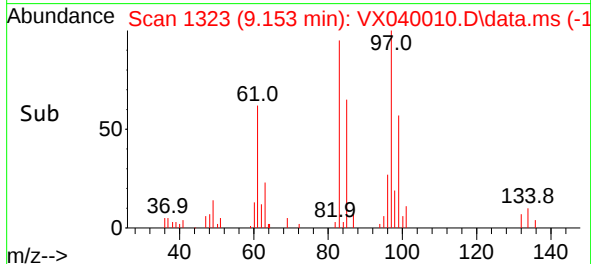
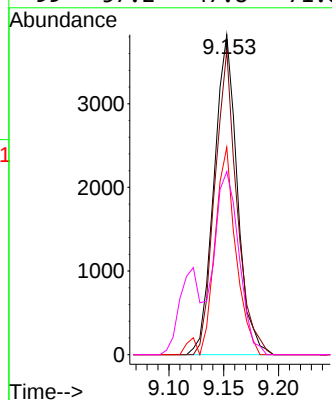
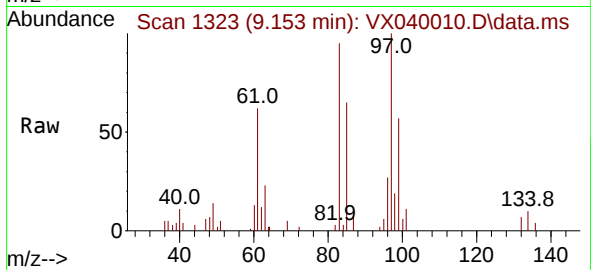
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 563

Ion	Ratio	Lower	Upper
97	100		
83	95.1	65.8	98.8
85	64.8	41.6	62.4
99	57.2	47.8	71.8

Manual Integrations
APPROVED

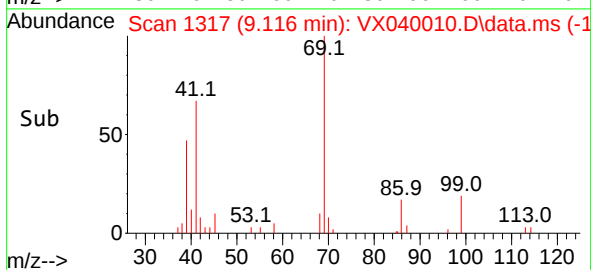
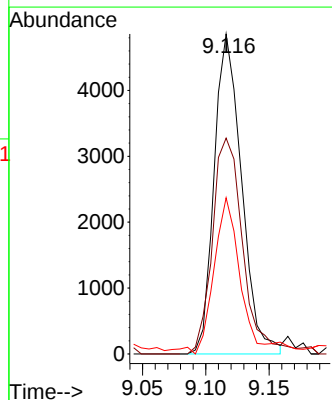
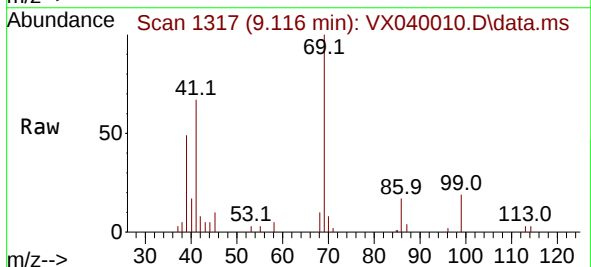
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

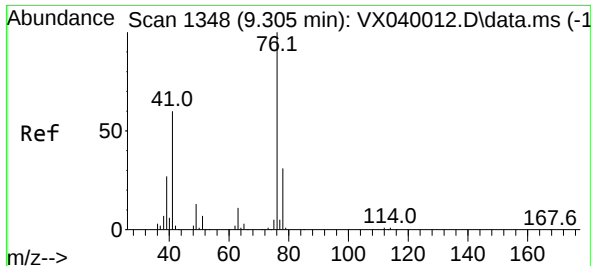


#56
Ethyl methacrylate
Concen: 4.511 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 69 Resp: 7311

Ion	Ratio	Lower	Upper
69	100		
41	75.9	56.8	85.2
39	41.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 5.069 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 926

Ion Ratio Lower Upper

76 100

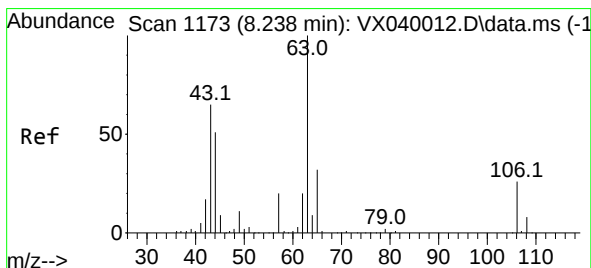
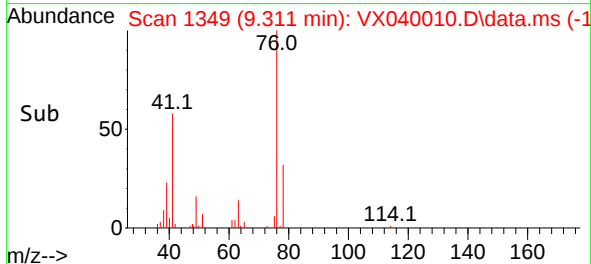
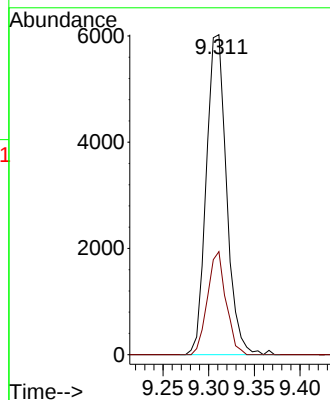
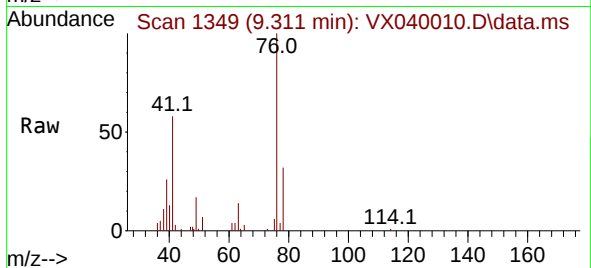
78 29.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 24.157 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040010.D

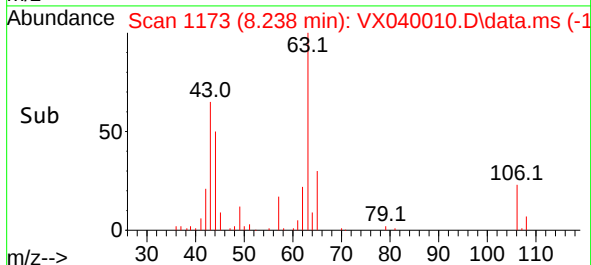
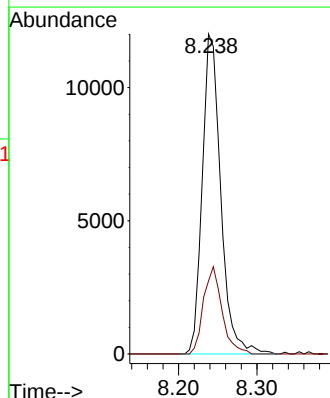
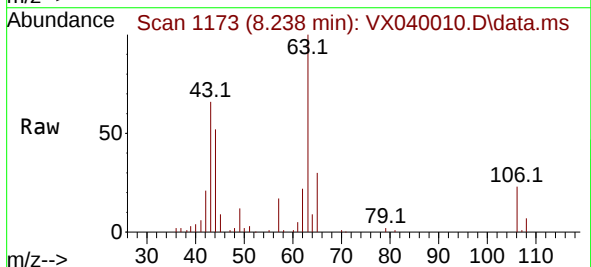
Acq: 30 Jan 2024 10:58

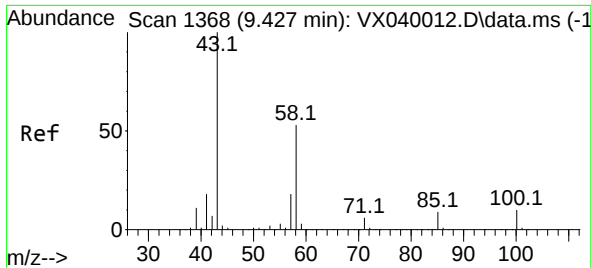
Tgt Ion: 63 Resp: 19690

Ion Ratio Lower Upper

63 100

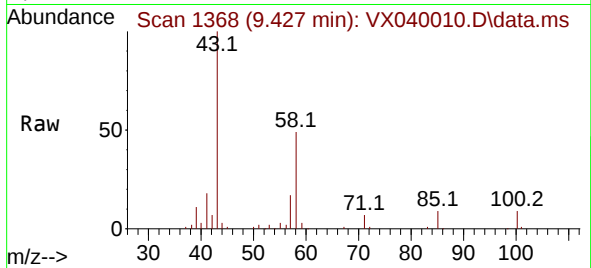
106 27.3 22.5 33.7





#59
2-Hexanone
Concen: 26.027 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

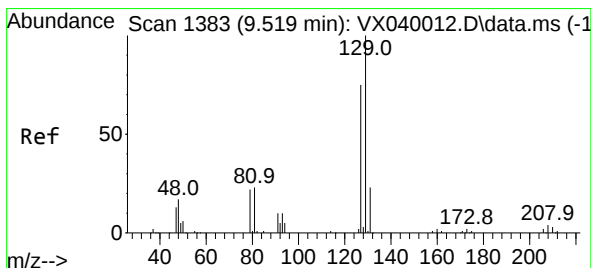
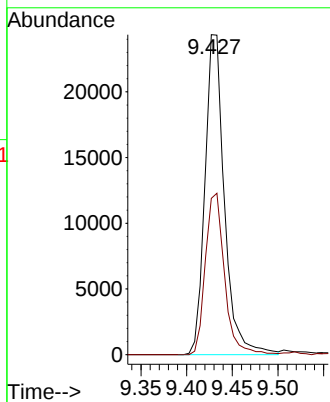
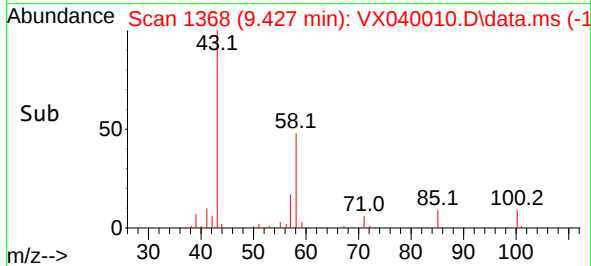
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 36038
Ion Ratio Lower Upper
43 100
58 49.7 26.2 78.5

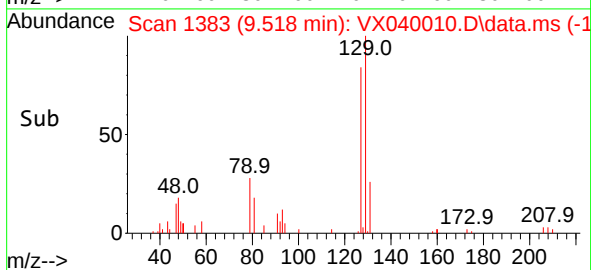
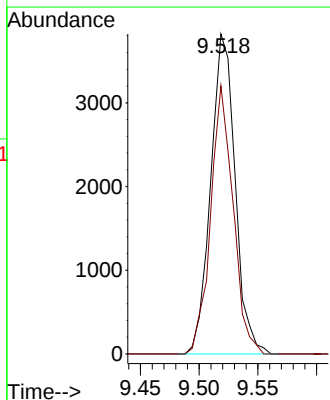
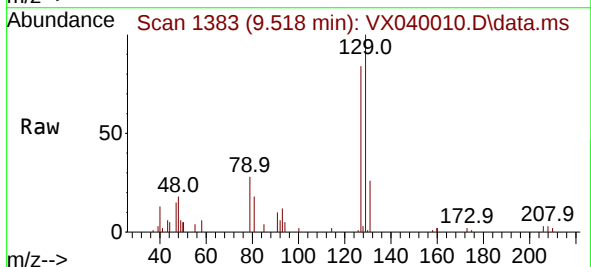
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#60
Dibromochloromethane
Concen: 4.953 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

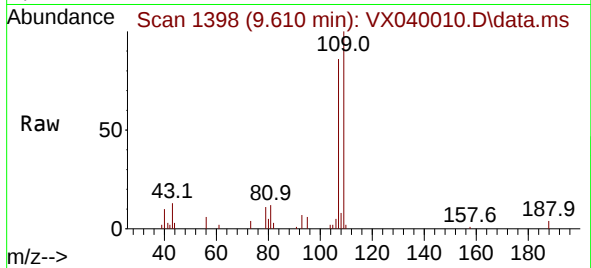
Tgt Ion:129 Resp: 5524
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.943 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

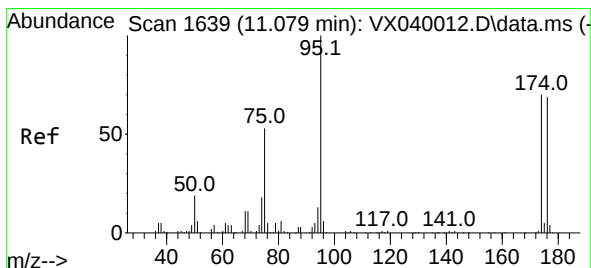
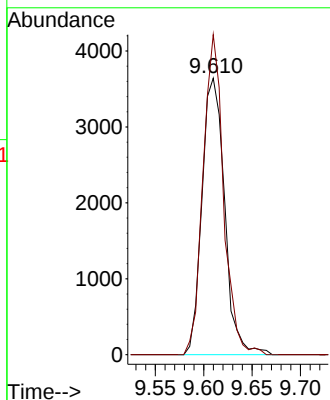
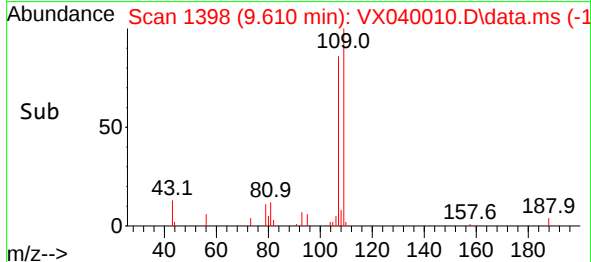
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 593
Ion Ratio Lower Upper
107 100
109 105.2 75.2 112.8

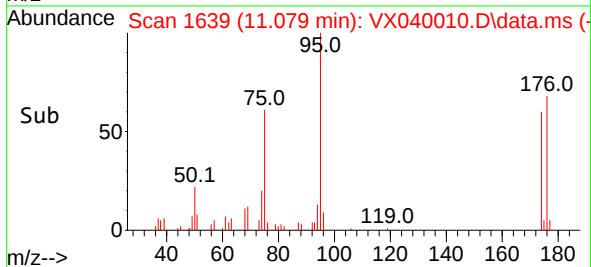
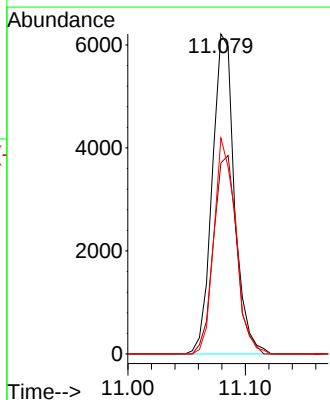
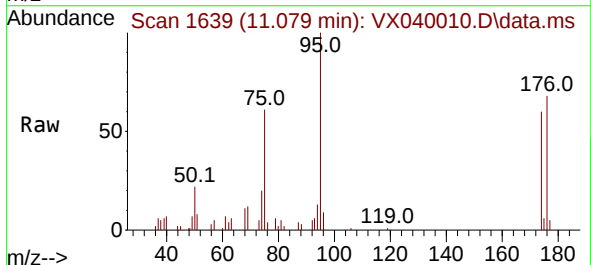
Manual Integrations
APPROVED

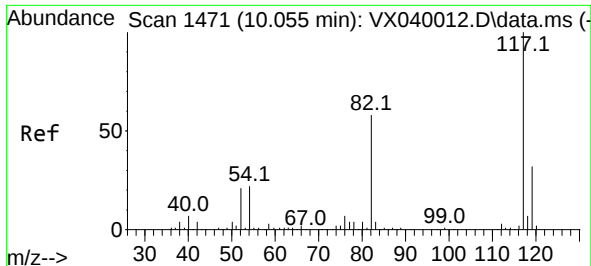
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#62
4-Bromofluorobenzene
Concen: 5.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

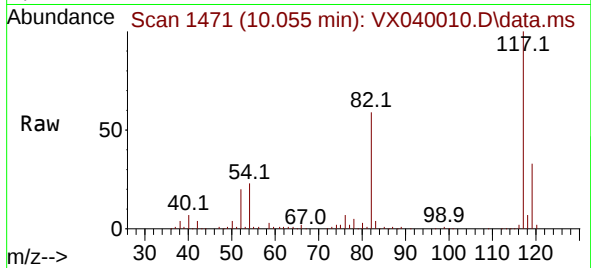
Tgt Ion: 95 Resp: 8152
Ion Ratio Lower Upper
95 100
174 65.1 0.0 135.6
176 66.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

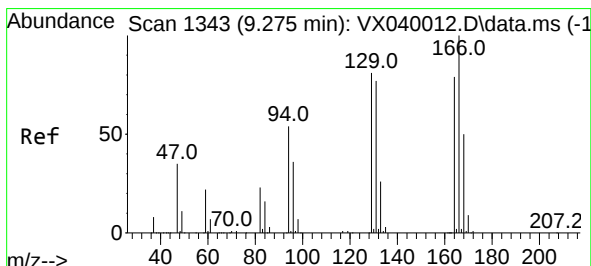
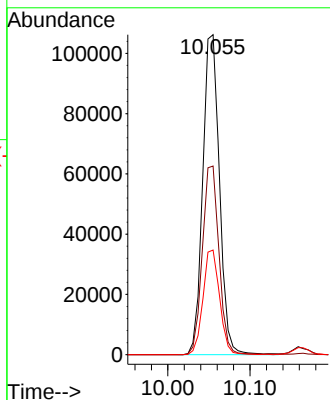
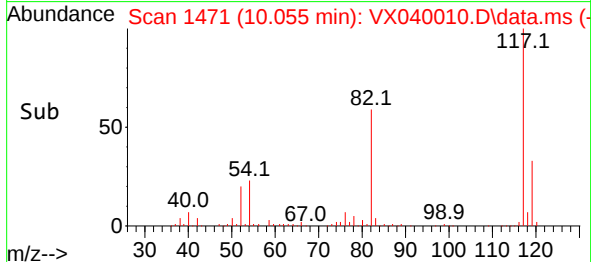
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 15021
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.7 25.5 38.3

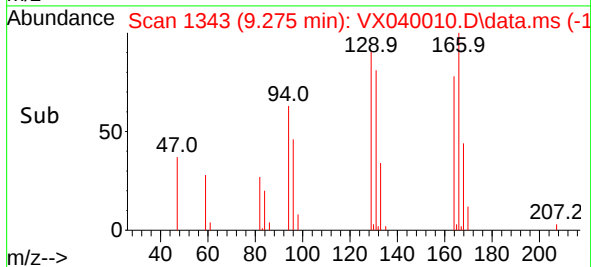
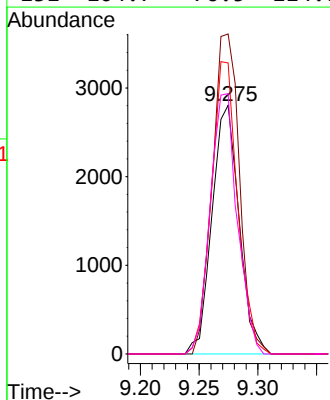
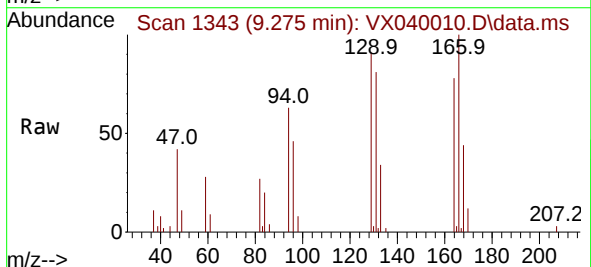
Manual Integrations
APPROVED

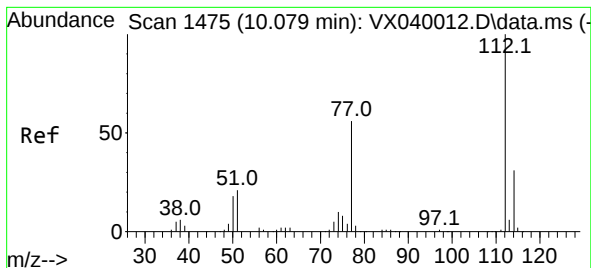
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#64
Tetrachloroethene
Concen: 4.610 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion:164 Resp: 4506
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 117.1 80.4 120.6
131 104.7 76.5 114.7





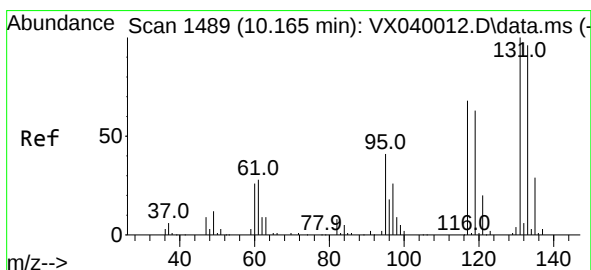
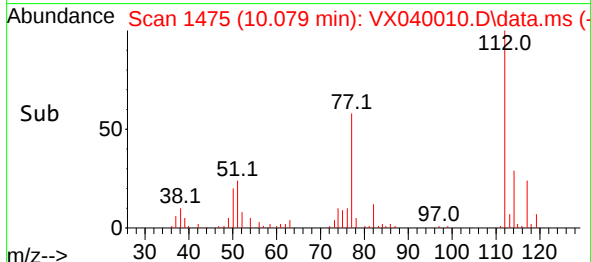
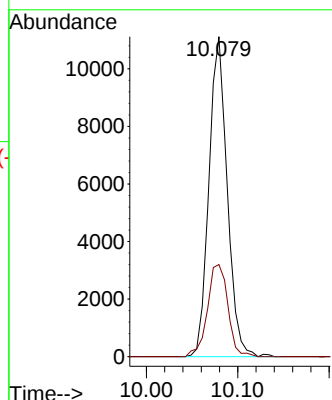
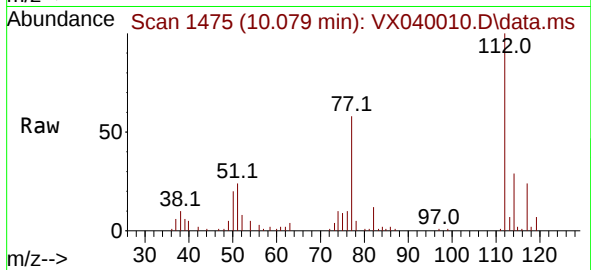
#65
Chlorobenzene
Concen: 4.978 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 15450
Ion Ratio Lower Upper
112 100
114 28.8 25.7 38.5

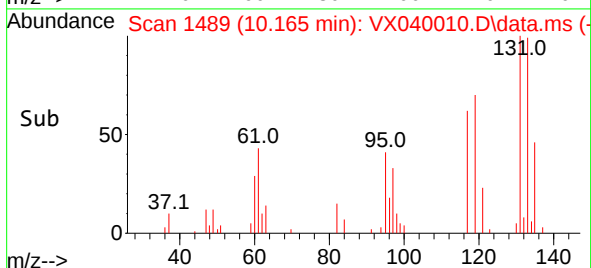
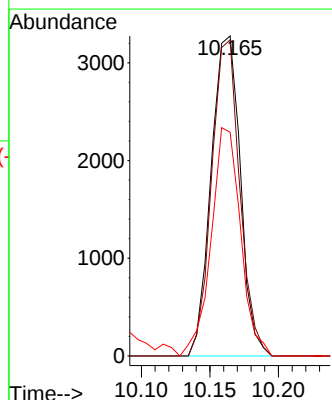
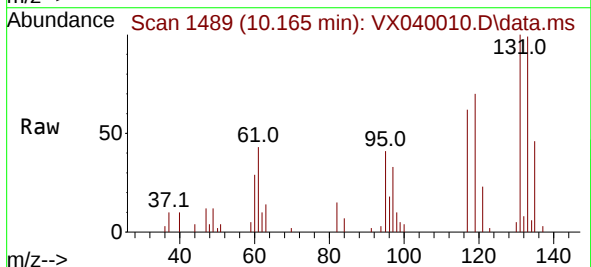
Manual Integrations
APPROVED

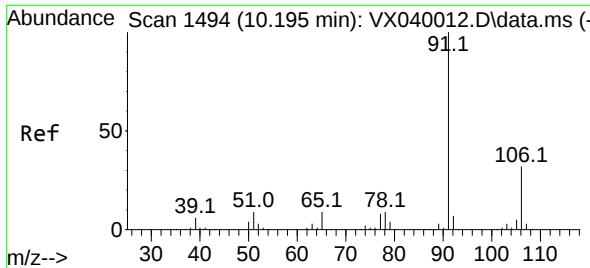
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.617 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion:131 Resp: 4841
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 72.0 32.2 96.6





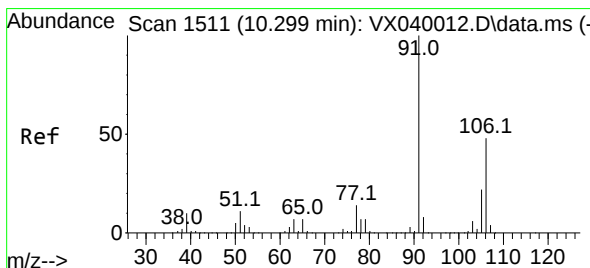
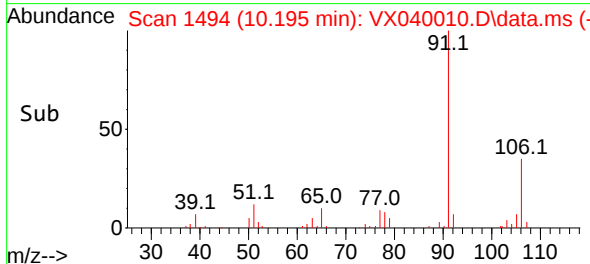
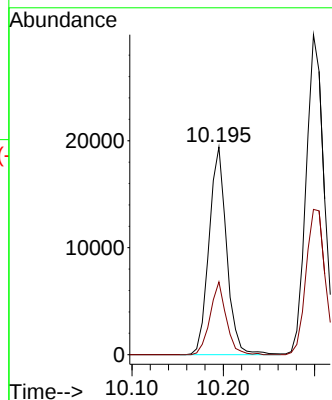
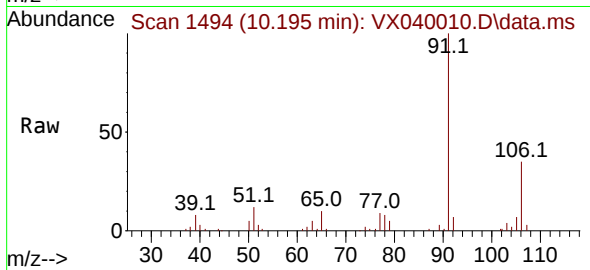
#67
Ethyl Benzene
Concen: 4.659 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2595
Ion Ratio Lower Upper
91 100
106 35.0 24.9 37.3

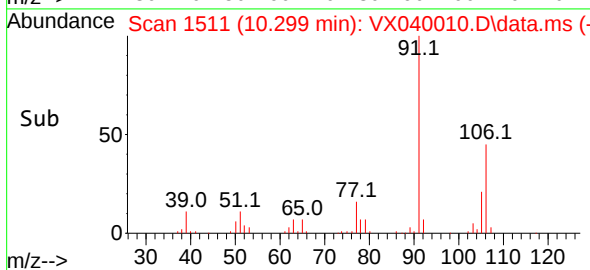
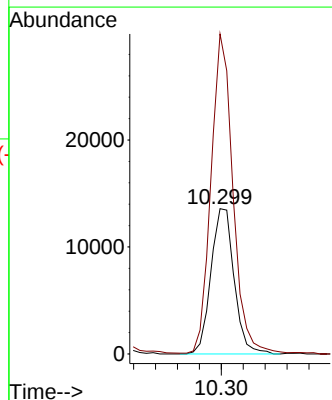
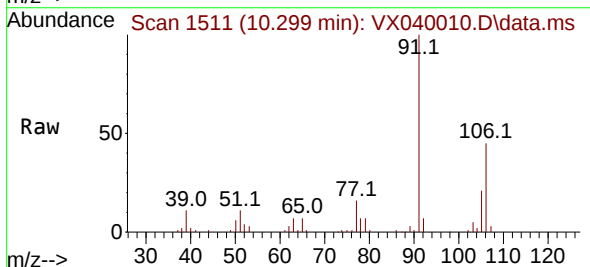
Manual Integrations
APPROVED

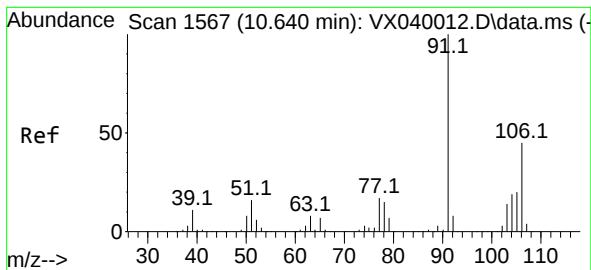
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#68
m/p-Xylenes
Concen: 9.520 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion:106 Resp: 19951
Ion Ratio Lower Upper
106 100
91 209.8 165.5 248.3





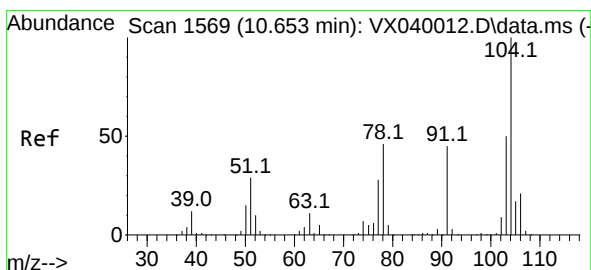
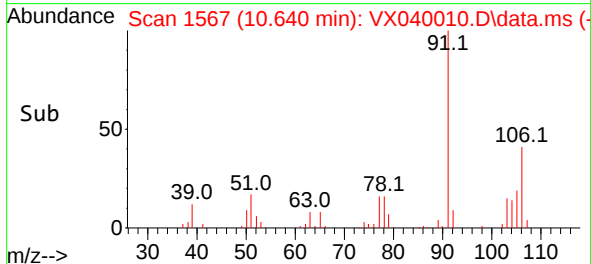
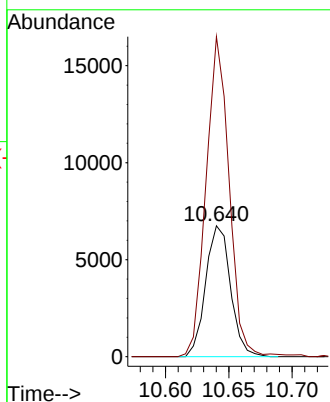
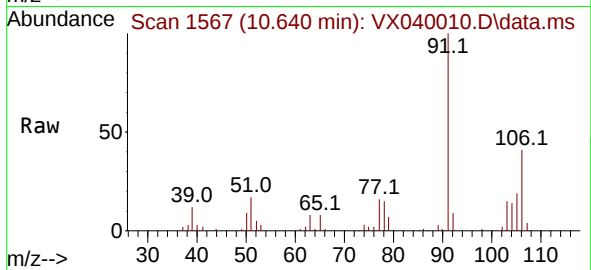
#69
o-Xylene
Concen: 4.644 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 923
Ion Ratio Lower Upper
106 100
91 227.6 108.9 326.8

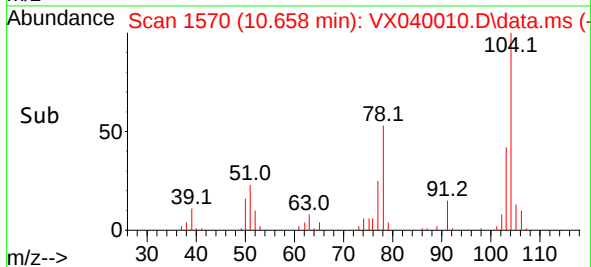
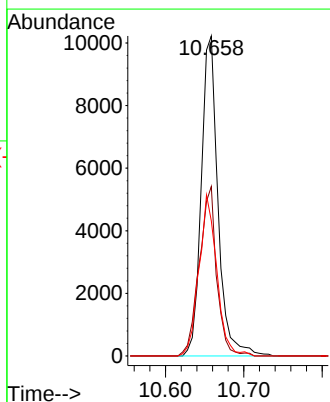
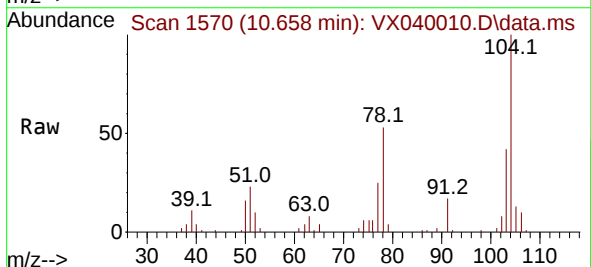
Manual Integrations
APPROVED

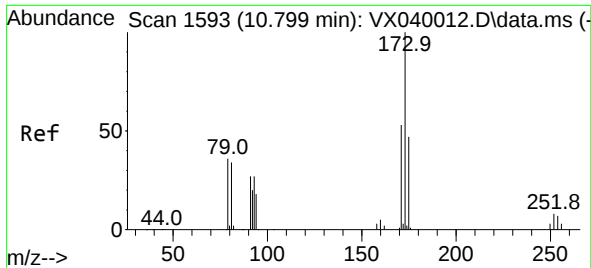
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#70
Styrene
Concen: 4.528 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.005 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

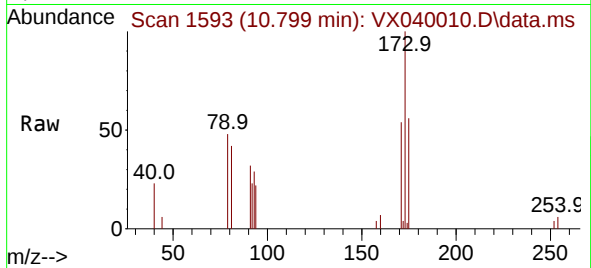
Tgt Ion:104 Resp: 15170
Ion Ratio Lower Upper
104 100
78 55.3 43.6 65.4
103 53.8 43.6 65.4





#71
Bromoform
Concen: 4.508 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

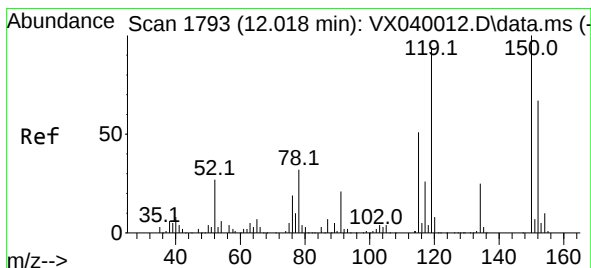
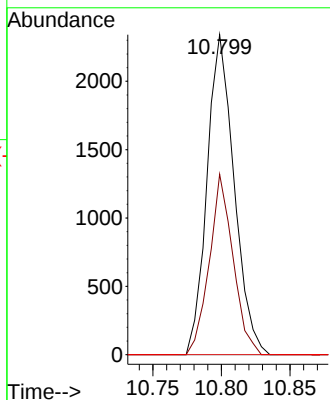
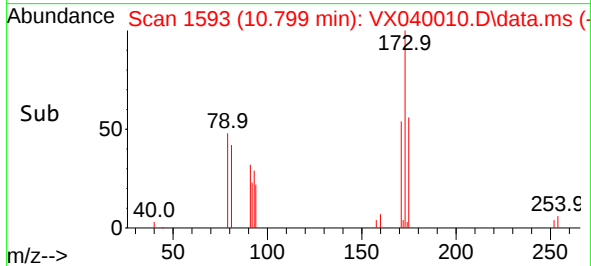
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



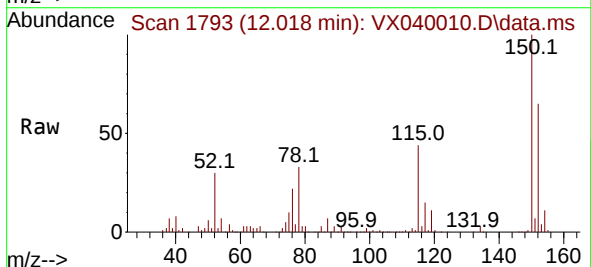
Tgt Ion:173 Resp: 321
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

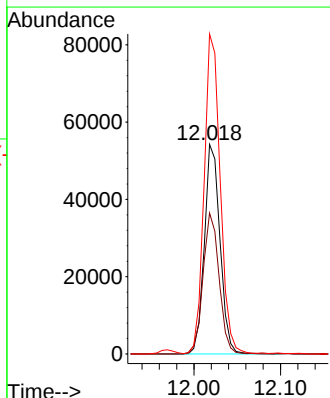
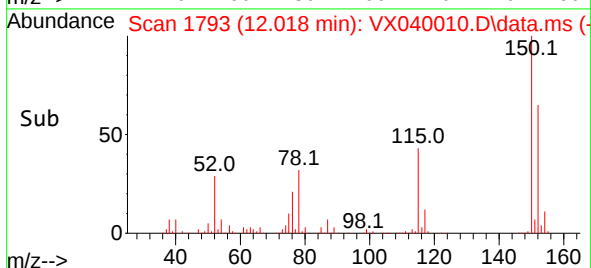
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

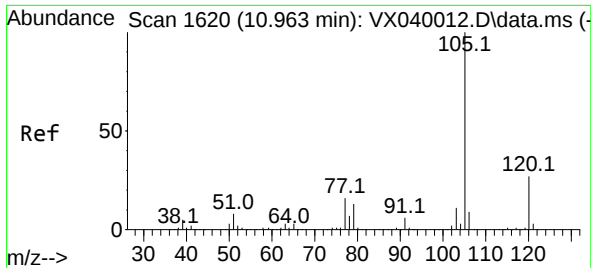


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



Tgt Ion:152 Resp: 68060
Ion Ratio Lower Upper
152 100
115 68.8 43.3 129.9
150 156.1 0.0 345.0





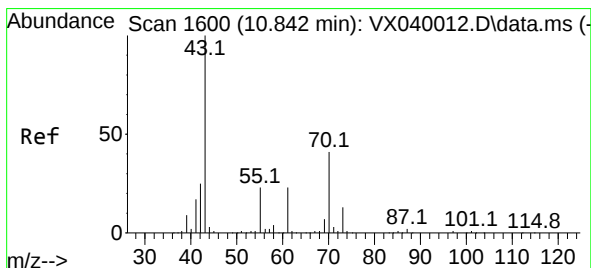
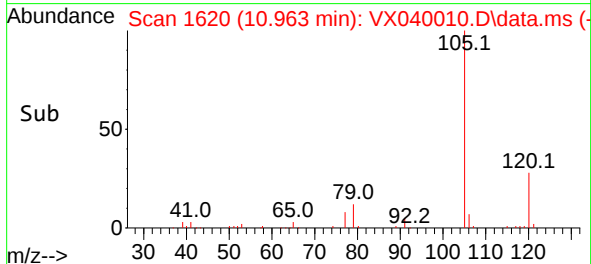
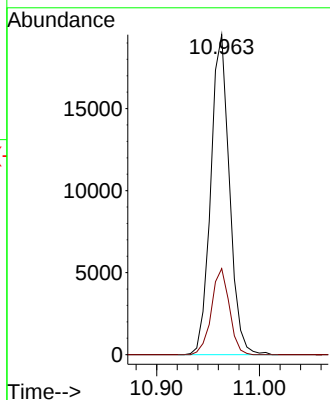
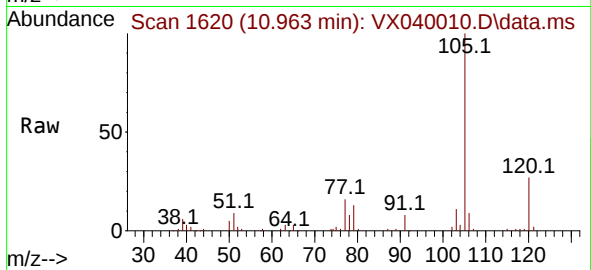
#73
Isopropylbenzene
Concen: 5.033 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 2459
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

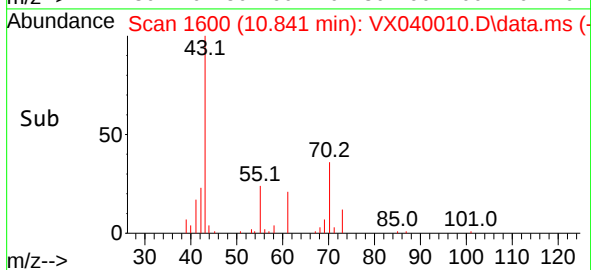
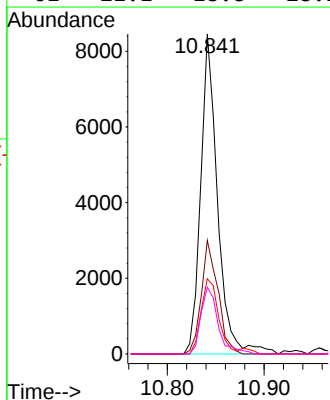
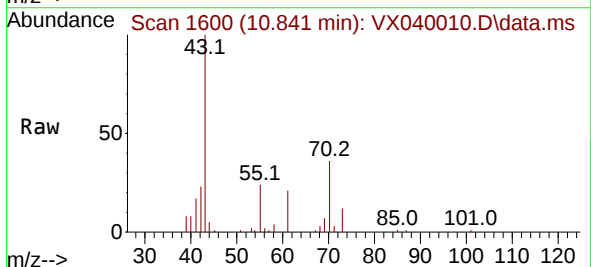
Manual Integrations
APPROVED

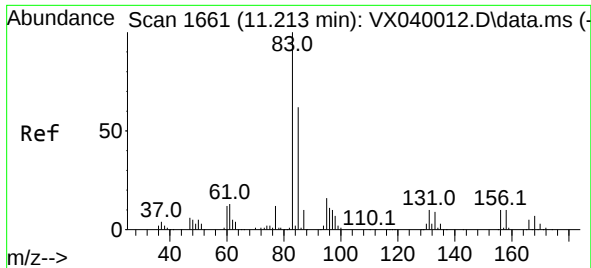
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#74
N-ethyl acetate
Concen: 4.812 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 43 Resp: 10262
Ion Ratio Lower Upper
43 100
70 34.8 32.9 49.3
55 24.2 19.3 28.9
61 21.1 18.8 28.2





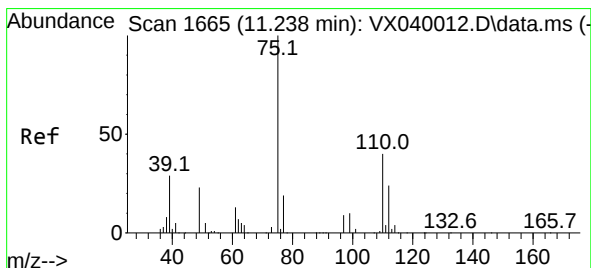
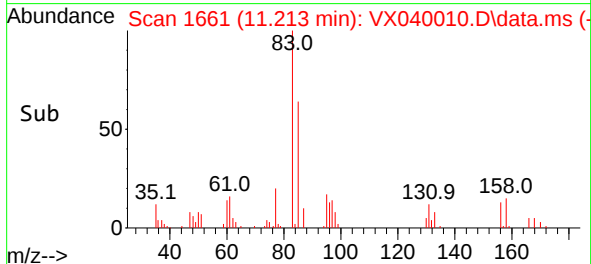
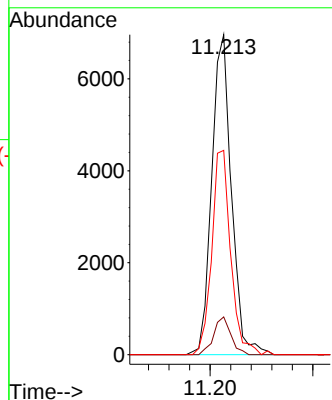
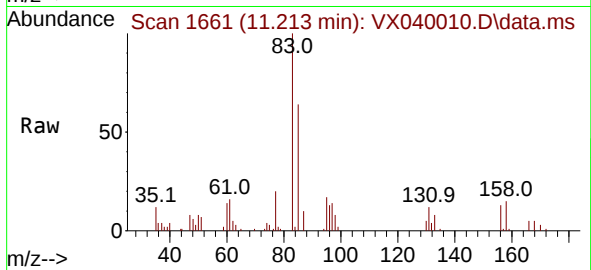
#75
1,1,2,2-Tetrachloroethane
Concen: 5.031 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 9245
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 61.8 32.0 96.2

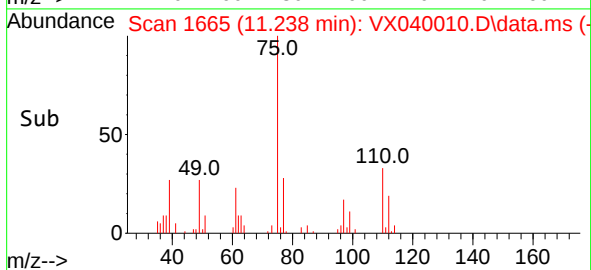
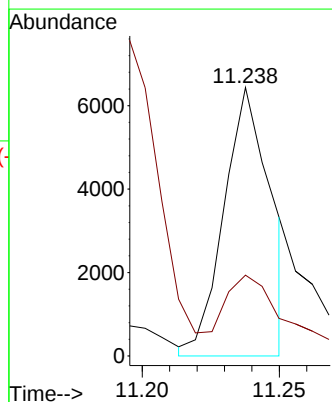
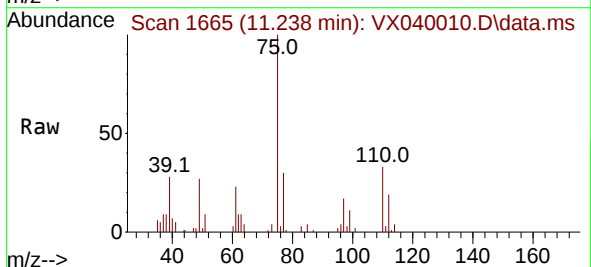
Manual Integrations
APPROVED

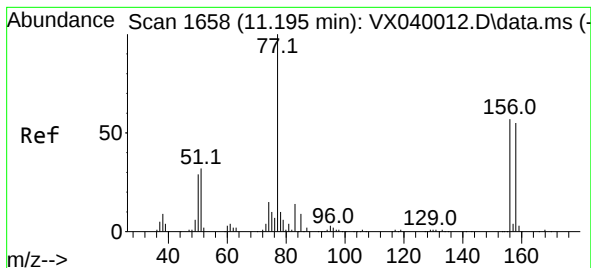
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#76
1,2,3-Trichloropropane
Concen: 5.246 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion: 75 Resp: 7604
Ion Ratio Lower Upper
75 100
77 41.1 19.1 57.5





#77

Bromobenzene

Concen: 4.990 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

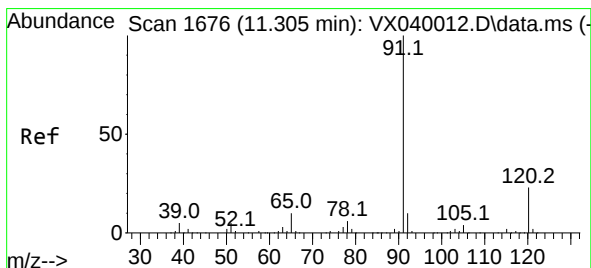
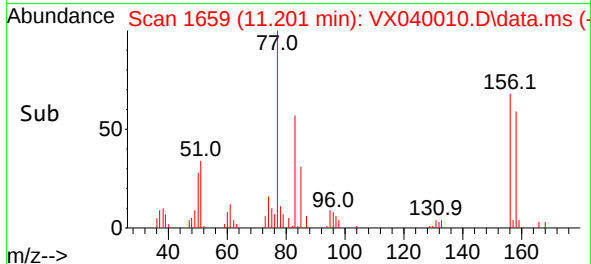
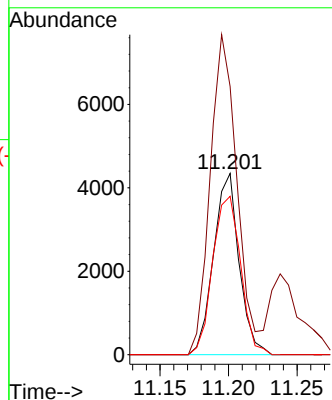
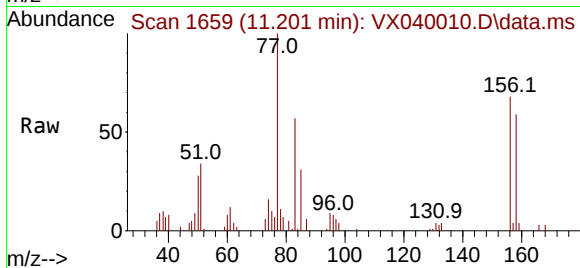
Tgt Ion:	156	Resp:	5620
Ion Ratio	Lower	Upper	
156	100		
77	182.8	88.4	265.3
158	95.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#78

n-propylbenzene

Concen: 4.905 ug/l

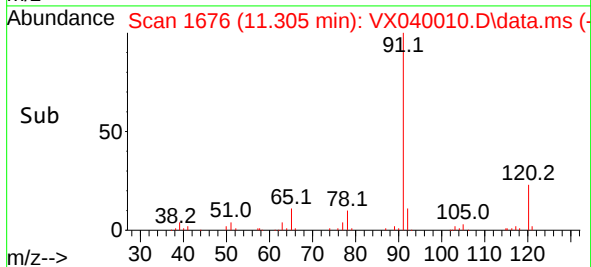
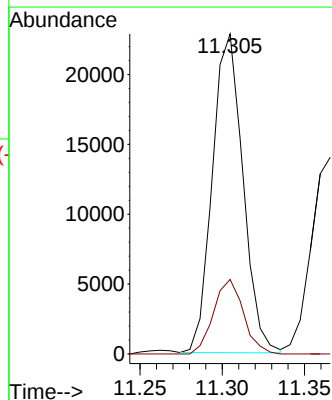
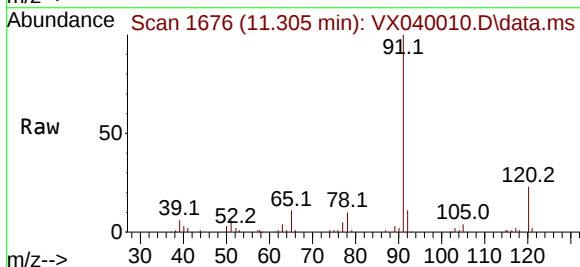
RT: 11.305 min Scan# 1676

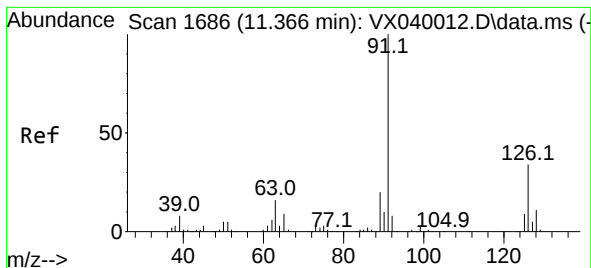
Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Tgt Ion:	91	Resp:	29501
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





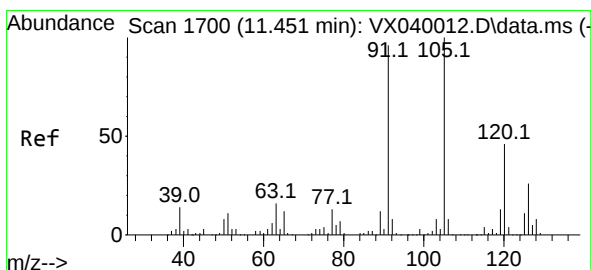
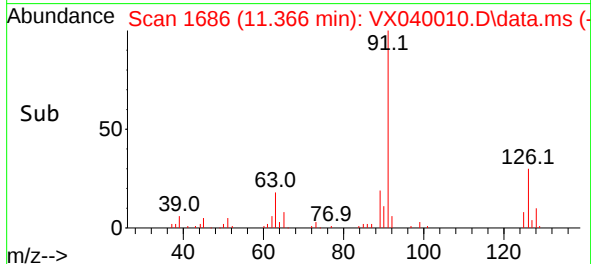
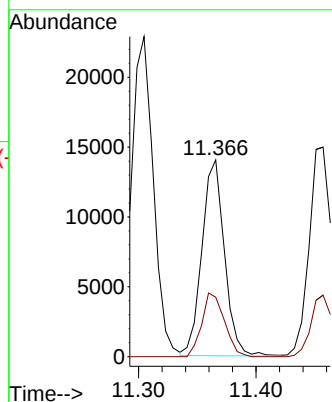
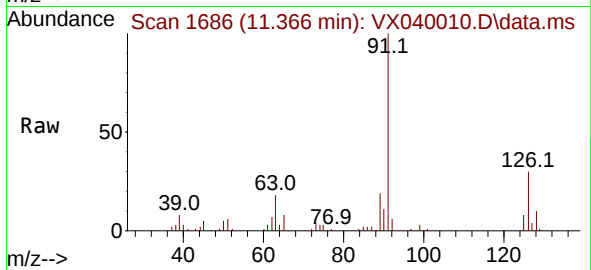
#79
2-Chlorotoluene
Concen: 5.169 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 18715
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

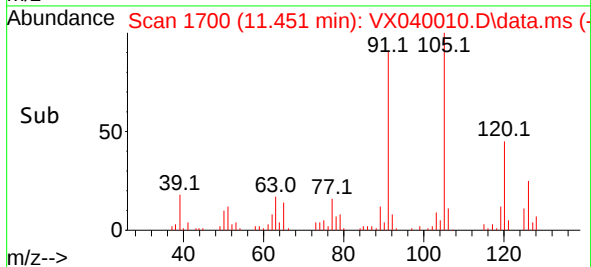
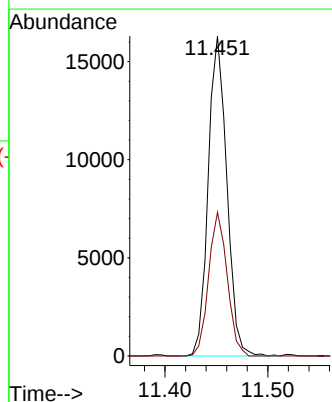
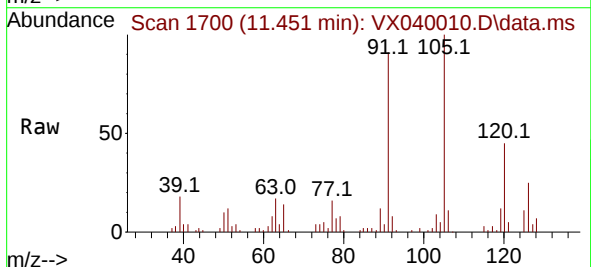
Manual Integrations
APPROVED

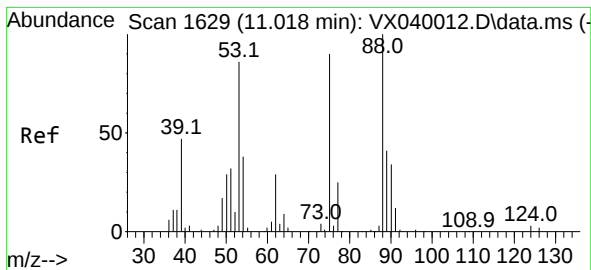
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.867 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

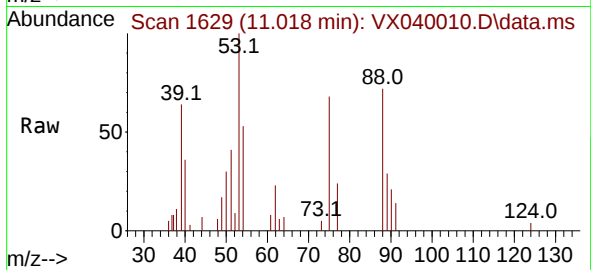
Tgt Ion:105 Resp: 20445
Ion Ratio Lower Upper
105 100
120 44.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.274 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

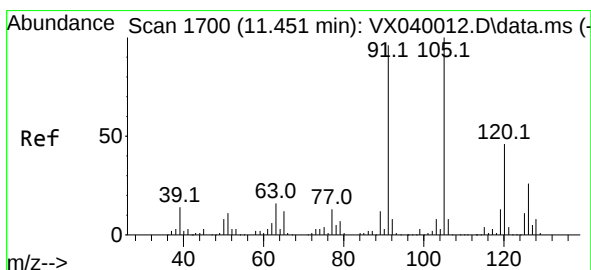
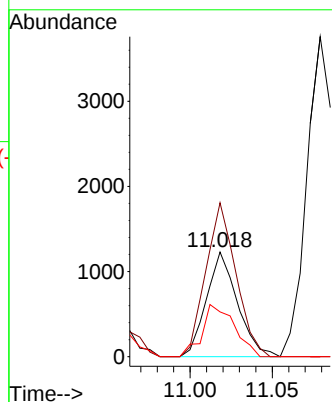
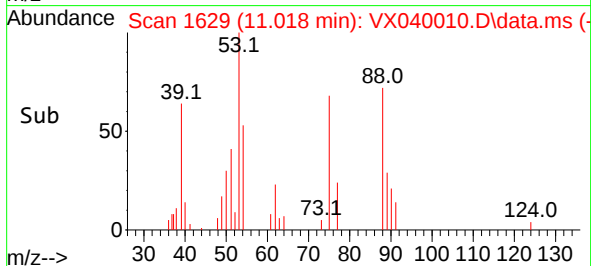
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 161
Ion Ratio Lower Upper
75 100
53 143.1 90.5 135.7
89 51.7 36.9 55.3

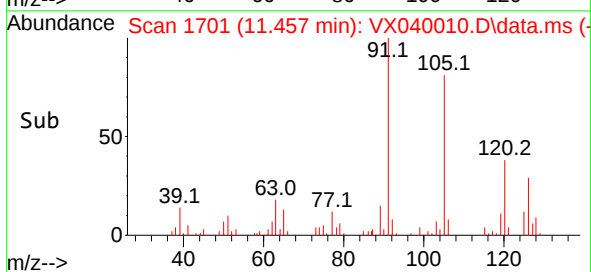
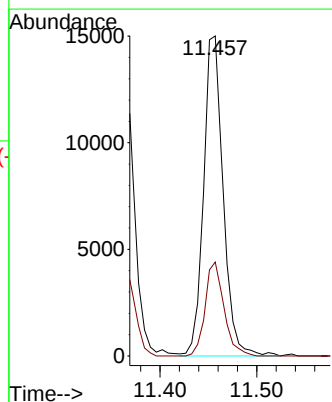
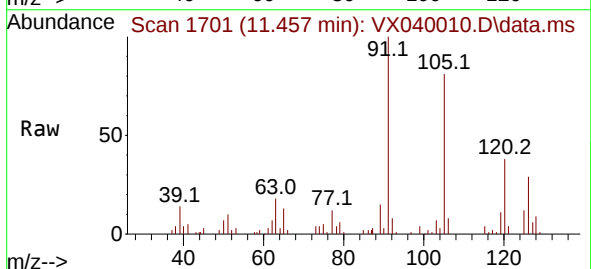
Manual Integrations
APPROVED

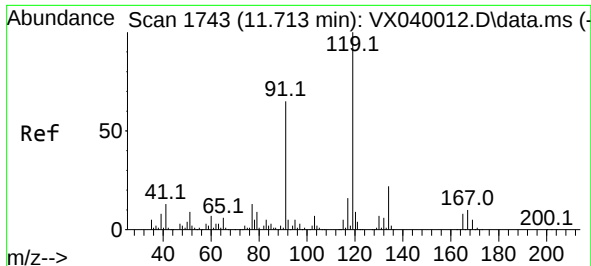
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#82
4-Chlorotoluene
Concen: 5.089 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

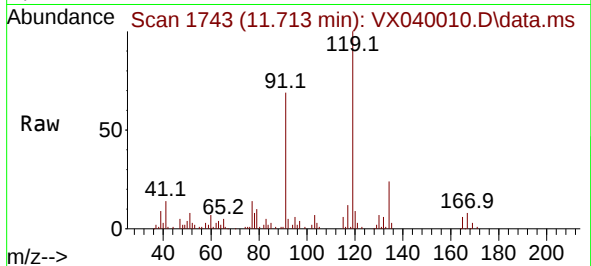
Tgt Ion: 91 Resp: 21147
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.966 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

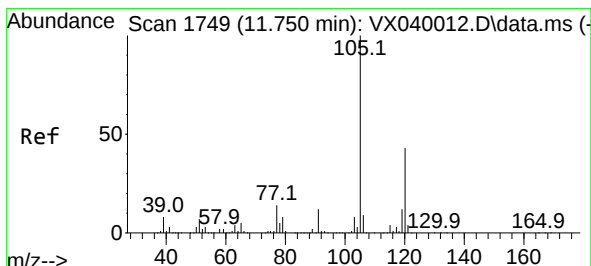
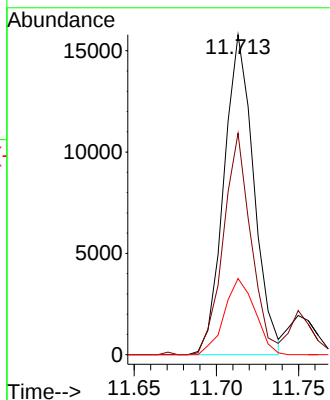
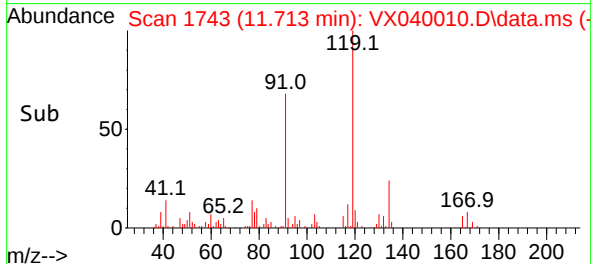
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



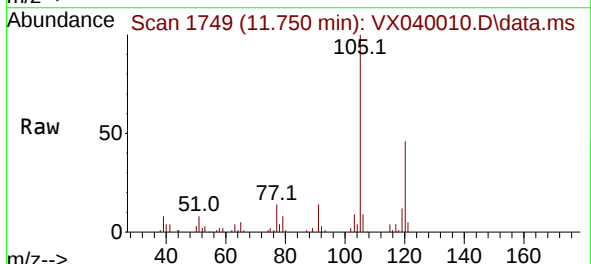
Tgt Ion:119 Resp: 1996
Ion Ratio Lower Upper
119 100
91 64.4 31.2 93.6
134 24.4 11.7 35.0

Manual Integrations
APPROVED

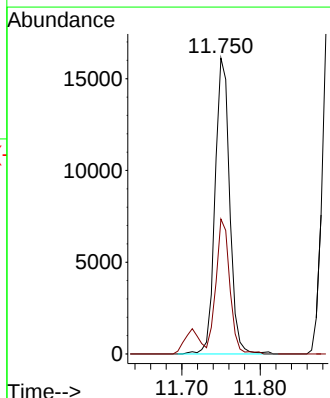
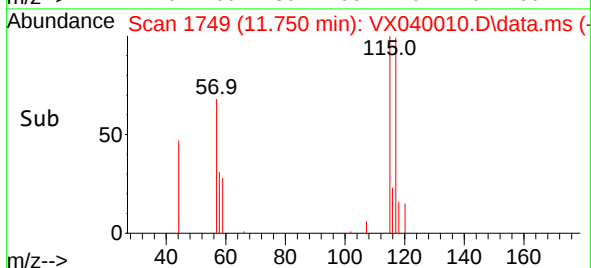
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

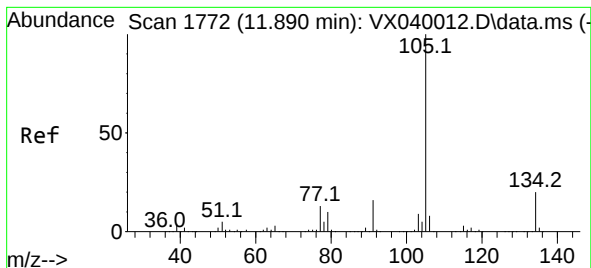


#84
1,2,4-Trimethylbenzene
Concen: 4.985 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



Tgt Ion:105 Resp: 20897
Ion Ratio Lower Upper
105 100
120 43.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 4.943 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 2632

Ion Ratio Lower Upper

105 100

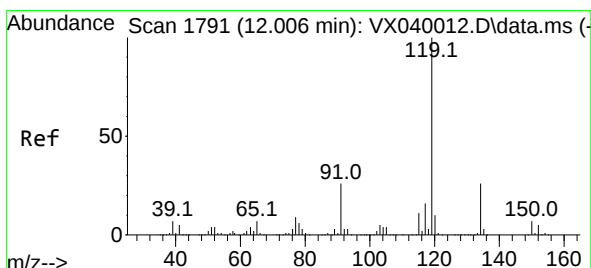
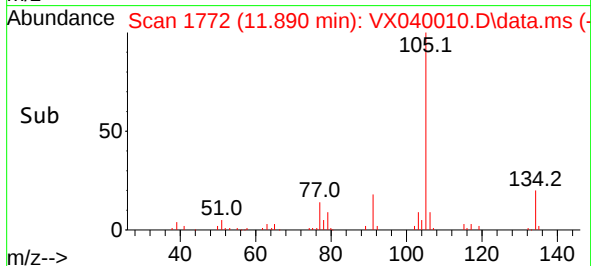
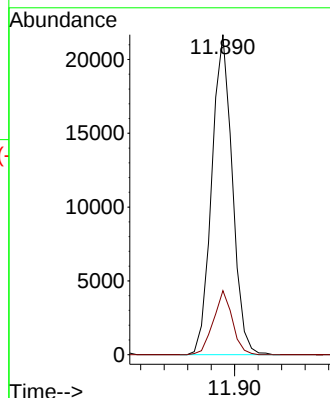
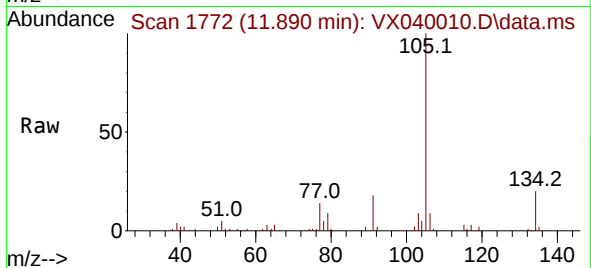
134 18.4 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#86

p-Isopropyltoluene

Concen: 4.873 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

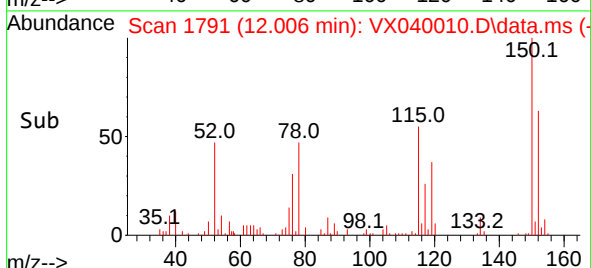
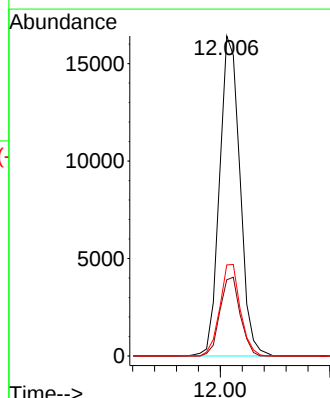
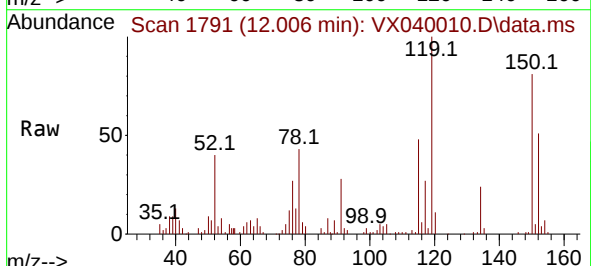
Tgt Ion:119 Resp: 21196

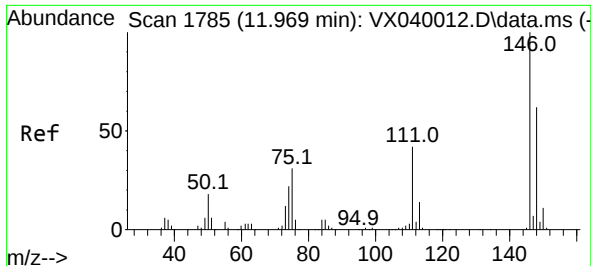
Ion Ratio Lower Upper

119 100

134 24.5 12.8 38.3

91 28.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.950 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 1125

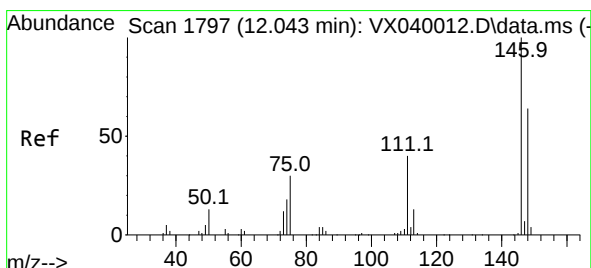
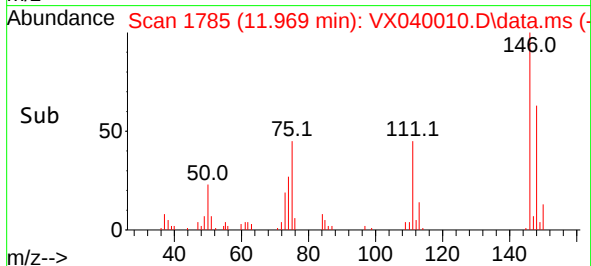
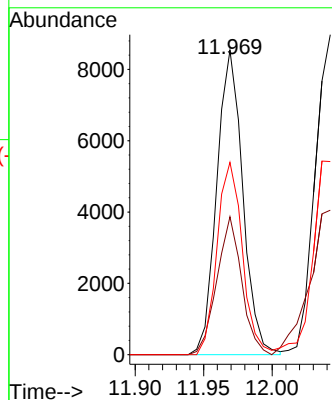
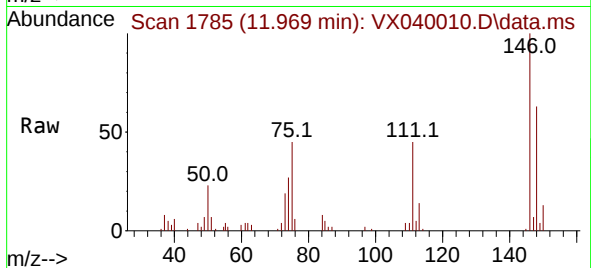
Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.1	66.1
148	61.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#88

1,4-Dichlorobenzene

Concen: 5.086 ug/l

RT: 12.042 min Scan# 1797

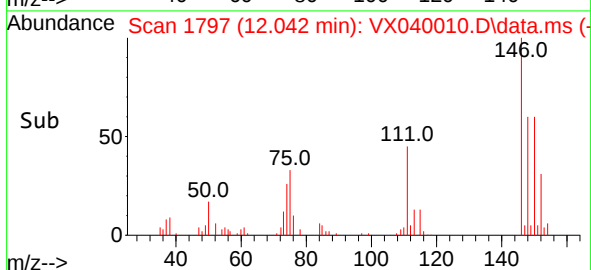
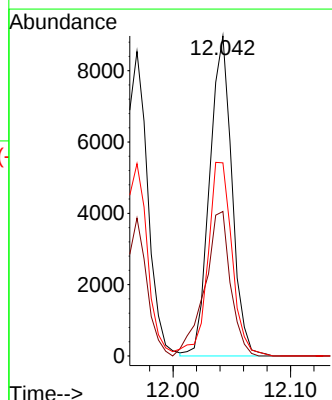
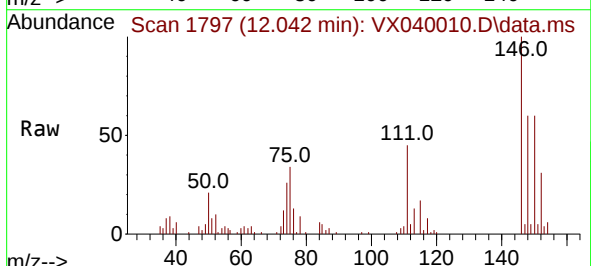
Delta R.T. -0.000 min

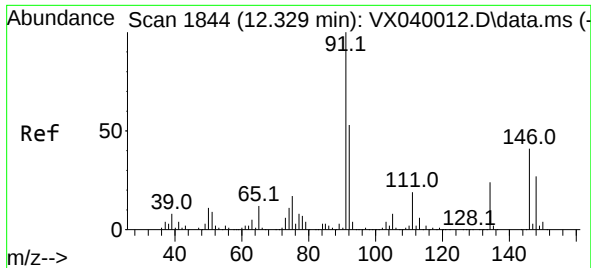
Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Tgt Ion:146 Resp: 11841

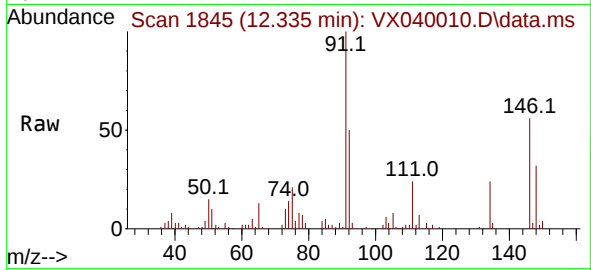
Ion	Ratio	Lower	Upper
146	100		
111	52.3	21.3	63.7
148	65.7	31.8	95.4





#89
n-Butylbenzene
Concen: 4.879 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

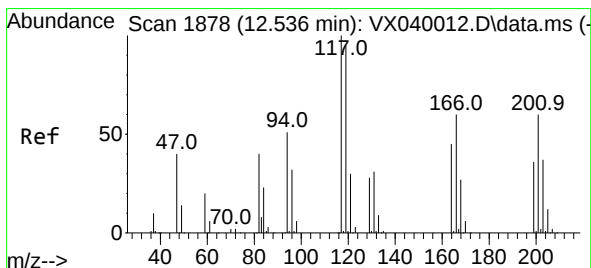
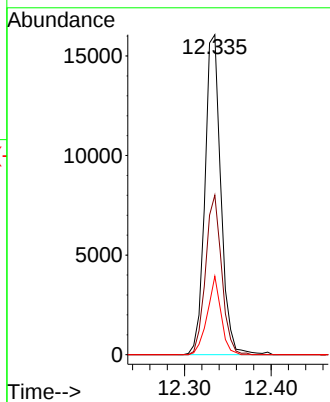
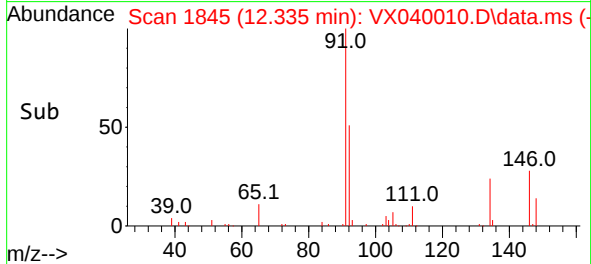
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 2059
Ion Ratio Lower Upper
91 100
92 50.1 27.4 82.0
134 21.1 12.6 37.8

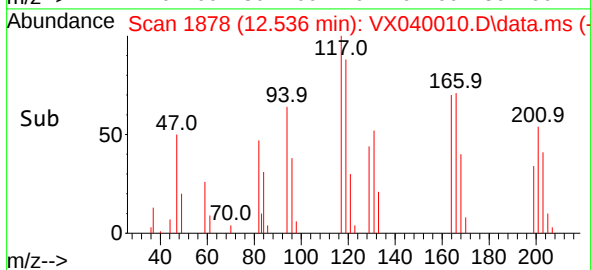
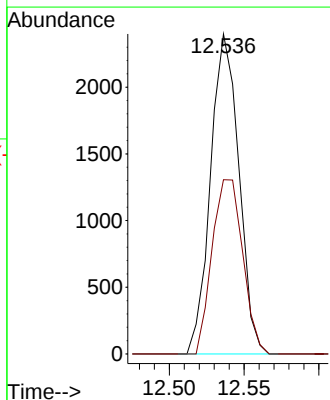
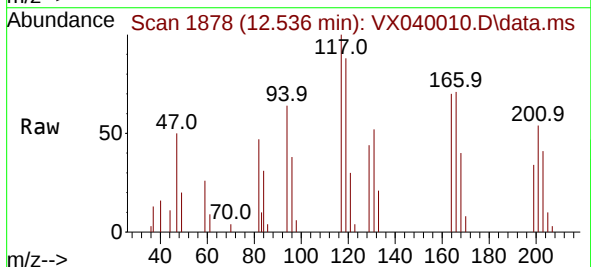
Manual Integrations
APPROVED

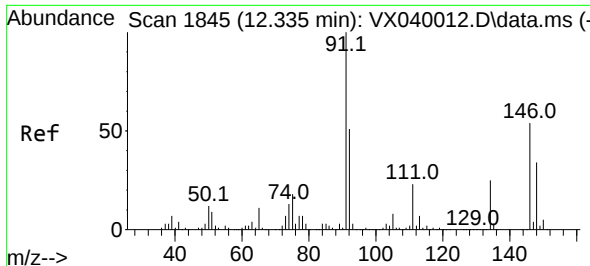
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#90
Hexachloroethane
Concen: 4.748 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

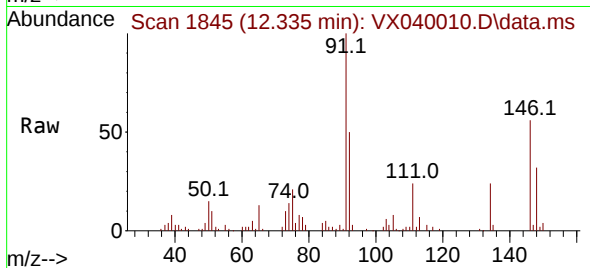
Tgt Ion:117 Resp: 3162
Ion Ratio Lower Upper
117 100
201 58.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.124 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

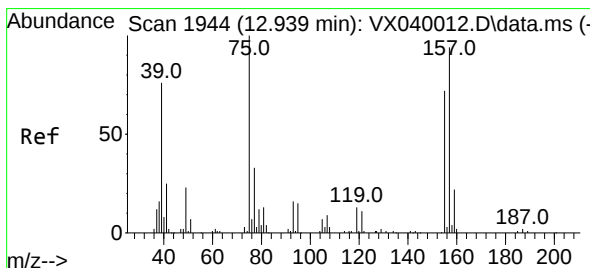
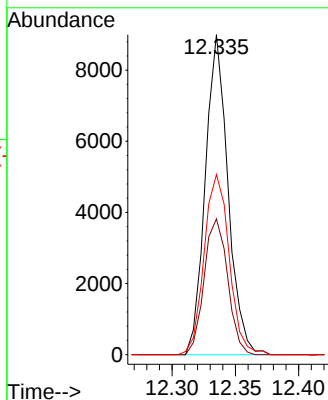
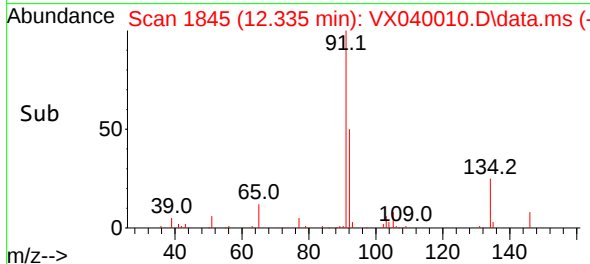
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



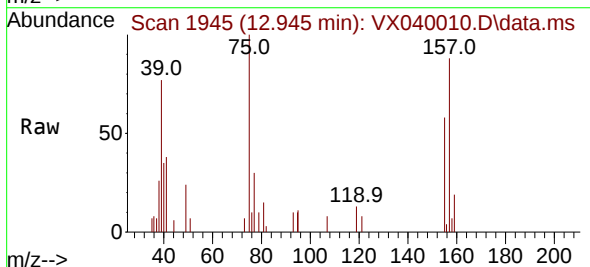
Tgt Ion:146 Resp: 1123
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 62.2 31.6 95.0

Manual Integrations
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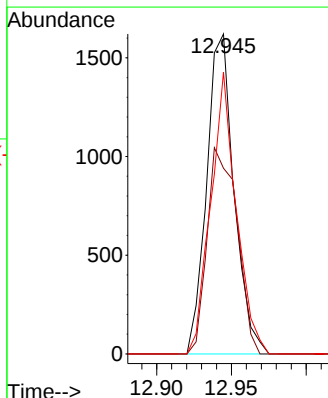
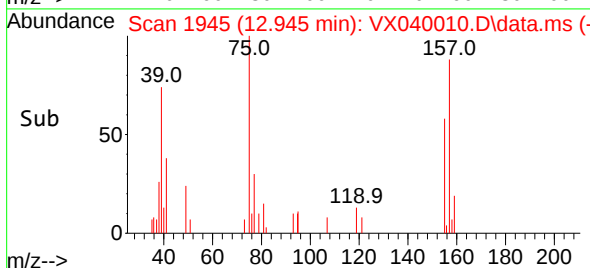
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

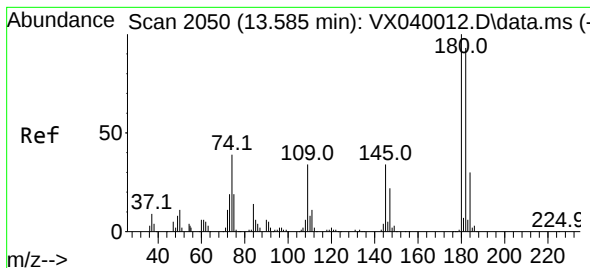


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.951 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58



Tgt Ion: 75 Resp: 2062
Ion Ratio Lower Upper
75 100
155 70.5 36.1 108.5
157 82.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.778 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

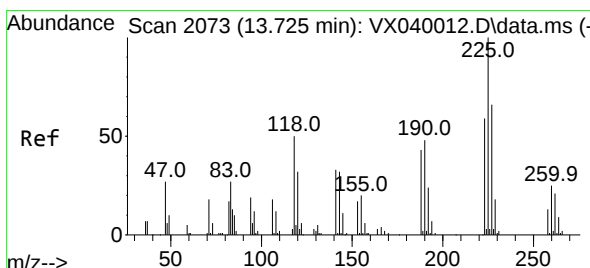
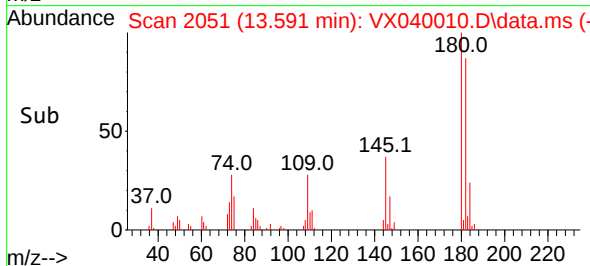
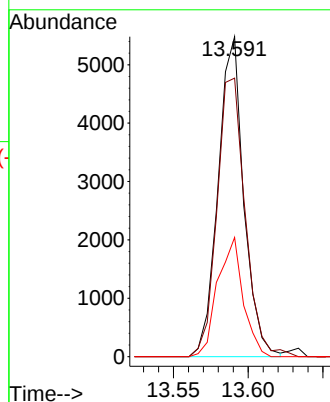
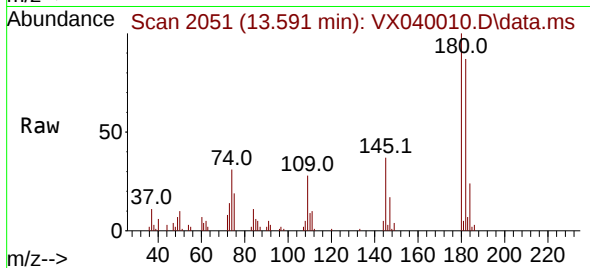
Tgt Ion:	180	Resp:	6550
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.3	144.8
145	36.9	18.0	54.0

Manual Integrations

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Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#94

Hexachlorobutadiene

Concen: 4.886 ug/l

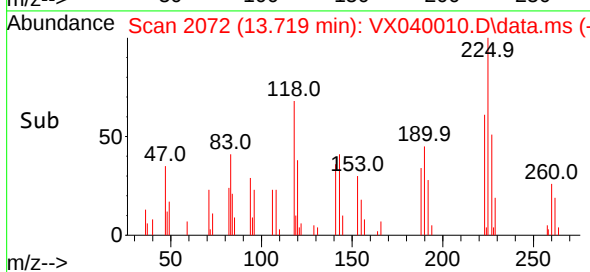
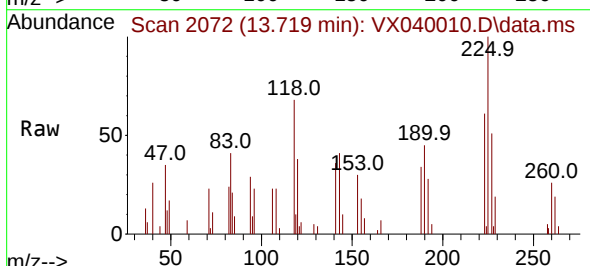
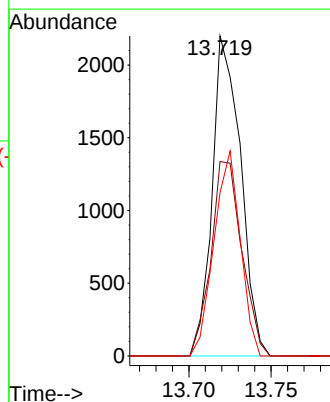
RT: 13.719 min Scan# 2072

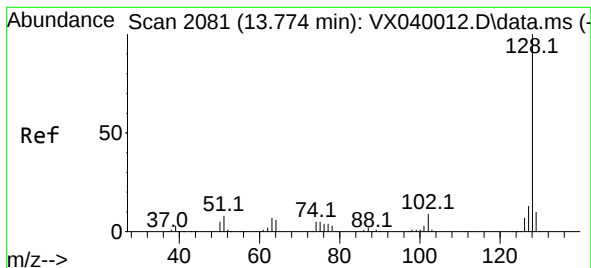
Delta R.T. -0.006 min

Lab File: VX040010.D

Acq: 30 Jan 2024 10:58

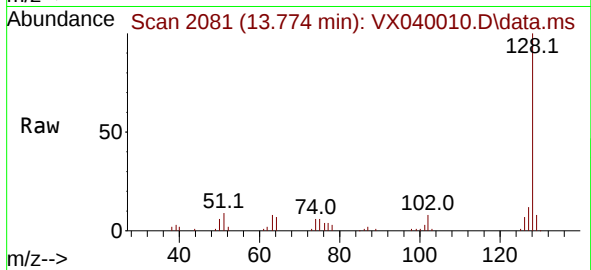
Tgt Ion:	225	Resp:	2638
Ion Ratio	Lower	Upper	
225	100		
223	66.4	31.1	93.2
227	59.4	32.5	97.5





#95
Naphthalene
Concen: 4.614 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

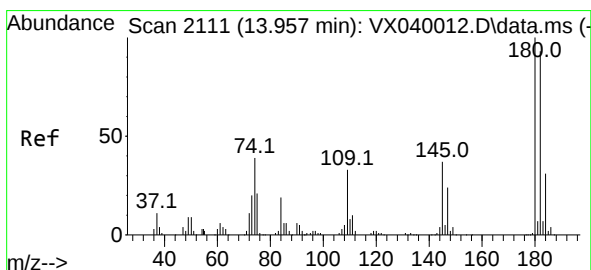
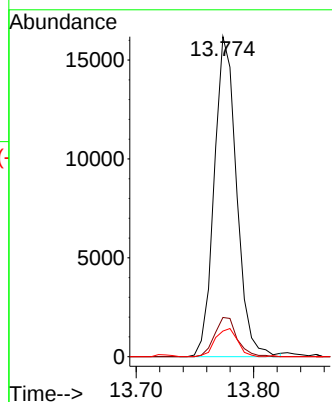
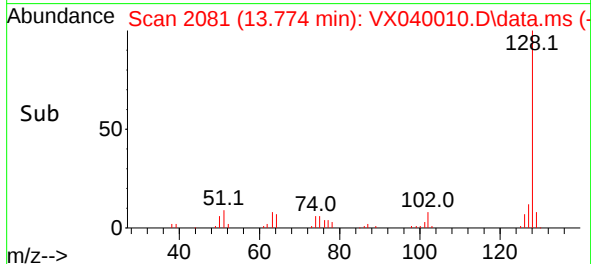
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 2148
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 8.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.718 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX040010.D
Acq: 30 Jan 2024 10:58

Tgt Ion:180 Resp: 6395
Ion Ratio Lower Upper
180 100
182 92.0 46.9 140.6
145 33.6 17.8 53.5

