

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040032.D
 Acq On : 30 Jan 2024 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 05:40:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67121	51.373	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.385	113	51162	52.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	8.647	98	194134	52.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.540%			
62) 4-Bromofluorobenzene	11.079	95	76958	54.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	45325	49.568	ug/l	90
3) Chloromethane	1.295	50	40591	46.808	ug/l	98
4) Vinyl Chloride	1.374	62	40998	51.119	ug/l	97
5) Bromomethane	1.593	94	36317	46.581	ug/l	99
6) Chloroethane	1.679	64	27037	51.064	ug/l	99
7) Trichlorofluoromethane	1.886	101	64968	50.914	ug/l	98
8) Diethyl Ether	2.130	74	24011	53.224	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	52450	55.090	ug/l	98
10) Methyl Iodide	2.447	142	57573	56.806	ug/l	95
11) Tert butyl alcohol	2.959	59	67878	286.321	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	49521	54.233	ug/l	93
13) Acrolein	2.233	56	58630	258.128	ug/l	100
14) Allyl chloride	2.660	41	88399	53.708	ug/l	97
15) Acrylonitrile	3.063	53	163596	275.481	ug/l	99
16) Acetone	2.374	43	146046	238.569	ug/l	97
17) Carbon Disulfide	2.508	76	141027	52.825	ug/l	99
18) Methyl Acetate	2.703	43	90349	62.299	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	172379	55.111	ug/l	99
20) Methylene Chloride	2.788	84	58520	53.791	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	54182	53.881	ug/l	99
22) Diisopropyl ether	3.758	45	174633	54.775	ug/l	98
23) Vinyl Acetate	3.721	43	796357	279.105	ug/l	99
24) 1,1-Dichloroethane	3.611	63	99136	54.293	ug/l	99
25) 2-Butanone	4.556	43	222143	261.042	ug/l	96
26) 2,2-Dichloropropane	4.471	77	69497	48.779	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	60250	53.697	ug/l	94
28) Bromochloromethane	4.898	49	47262	55.508	ug/l	98
29) Tetrahydrofuran	5.001	42	150937	278.953	ug/l	99
30) Chloroform	5.093	83	103705	52.892	ug/l	98
31) Cyclohexane	5.471	56	83128	50.793	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	88820	52.785	ug/l	99
36) 1,1-Dichloropropene	5.690	75	75328	52.945	ug/l	98
37) Ethyl Acetate	4.715	43	85328	54.915	ug/l	98
38) Carbon Tetrachloride	5.678	117	73515	54.002	ug/l	98
39) Methylcyclohexane	7.379	83	90062	52.027	ug/l	95
40) Benzene	6.038	78	218136	52.640	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46121	58.529	ug/l	93
42) 1,2-Dichloroethane	6.086	62	85292	53.468	ug/l	100
43) Isopropyl Acetate	6.336	43	136657	55.771	ug/l	99
44) Trichloroethene	7.123	130	55683	51.062	ug/l	93
45) 1,2-Dichloropropane	7.428	63	57482	52.537	ug/l	95
46) Dibromomethane	7.580	93	43150	52.543	ug/l	96
47) Bromodichloromethane	7.824	83	80653	55.142	ug/l	99
48) Methyl methacrylate	7.690	41	68406	56.672	ug/l	93
49) 1,4-Dioxane	7.659	88	29877	1139.048	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	473119	282.852	ug/l	99
52) Toluene	8.720	92	139399	53.971	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	82839	54.607	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90670	56.014	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	58112	54.356	ug/l	96
56) Ethyl methacrylate	9.116	69	89628	57.410	ug/l	97
57) 1,3-Dichloropropane	9.305	76	96642	54.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	234866	299.168	ug/l	97
59) 2-Hexanone	9.427	43	372487	279.298	ug/l	100
60) Dibromochloromethane	9.519	129	59545	55.430	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63660	55.077	ug/l	98
64) Tetrachloroethene	9.275	164	45991	49.980	ug/l	96
65) Chlorobenzene	10.080	112	148385	50.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52178	52.855	ug/l	97
67) Ethyl Benzene	10.195	91	277552	52.920	ug/l	98
68) m/p-Xylenes	10.299	106	209604	106.230	ug/l	99
69) o-Xylene	10.640	106	102526	54.779	ug/l	99
70) Styrene	10.653	104	171538	54.379	ug/l	98
71) Bromoform	10.799	173	41688	51.883	ug/l #	99
73) Isopropylbenzene	10.964	105	269300	50.527	ug/l	100
74) N-amyl acetate	10.842	43	132342	52.019	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	98044	48.928	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80889m	51.176	ug/l	
77) Bromobenzene	11.195	156	60071	48.859	ug/l	98
78) n-propylbenzene	11.305	91	330438	50.381	ug/l	99
79) 2-Chlorotoluene	11.366	91	193341	48.965	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	233252	50.910	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25334	50.491	ug/l	96
82) 4-Chlorotoluene	11.451	91	226485	49.976	ug/l	99
83) tert-Butylbenzene	11.713	119	220681	50.335	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	236368	51.701	ug/l	99
85) sec-Butylbenzene	11.890	105	292218	50.308	ug/l	99
86) p-Isopropyltoluene	12.006	119	244056	51.454	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124613	50.242	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	128591	50.648	ug/l	99
89) n-Butylbenzene	12.329	91	236175	51.300	ug/l	96
90) Hexachloroethane	12.536	117	39564	50.964	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121318	50.730	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23574	51.899	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	75067	50.215	ug/l	97
94) Hexachlorobutadiene	13.725	225	27239	46.257	ug/l	97
95) Naphthalene	13.774	128	266443	52.476	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72956	49.359	ug/l	98

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VSTDCCC050EC

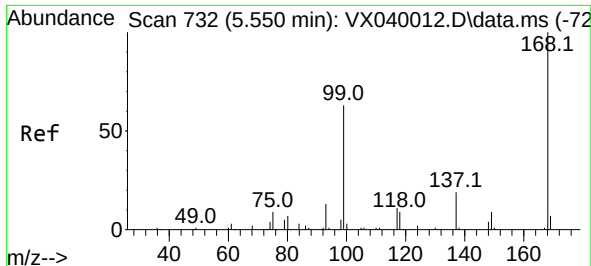
Manual Integrations
APPROVED

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration

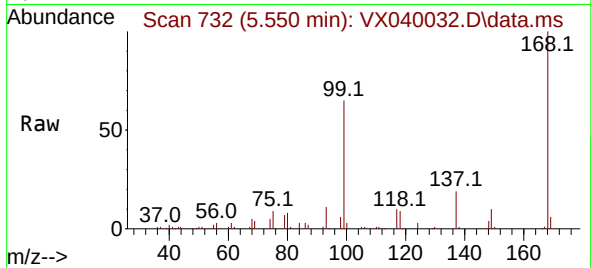
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

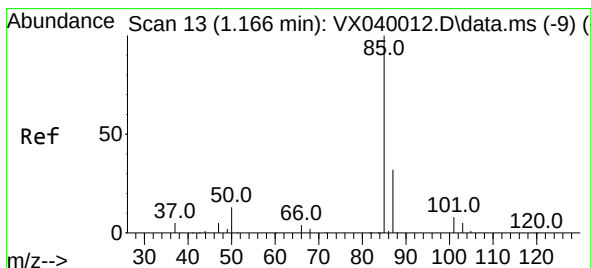
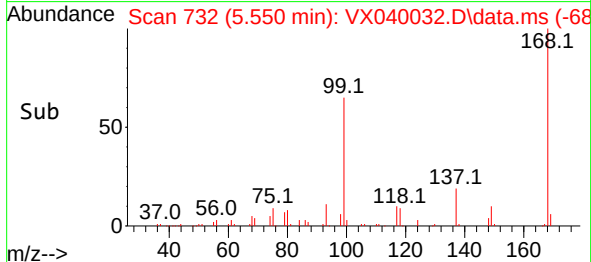
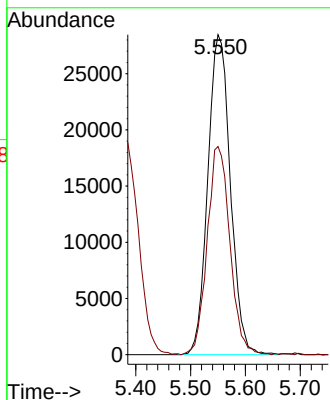
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8118
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0

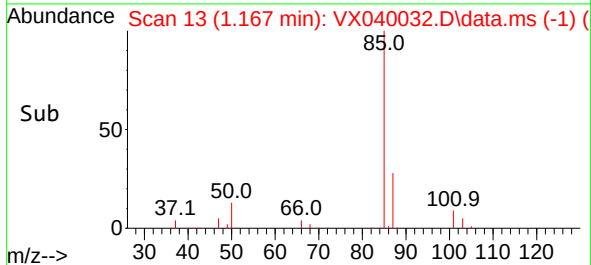
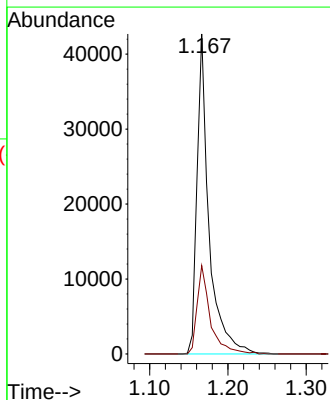
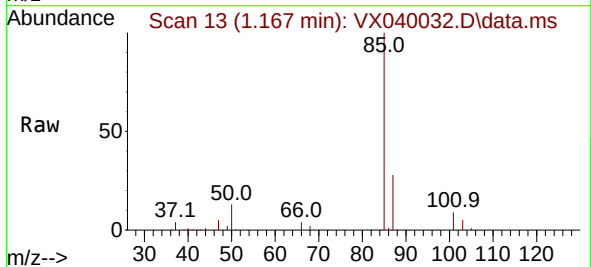
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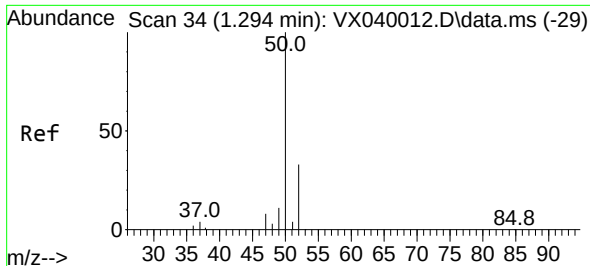
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#2
Dichlorodifluoromethane
Concen: 49.568 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

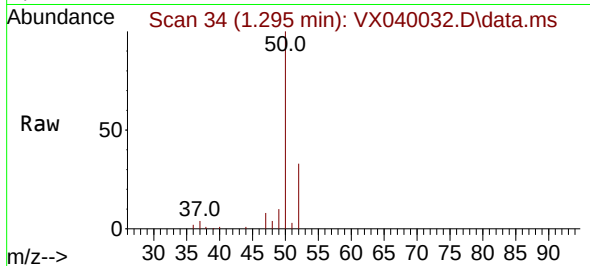
Tgt Ion: 85 Resp: 45325
Ion Ratio Lower Upper
85 100
87 27.6 16.7 50.1





#3
Chloromethane
Concen: 46.808 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

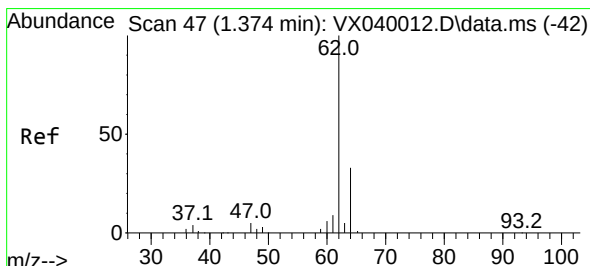
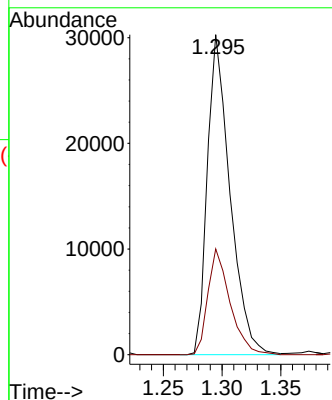
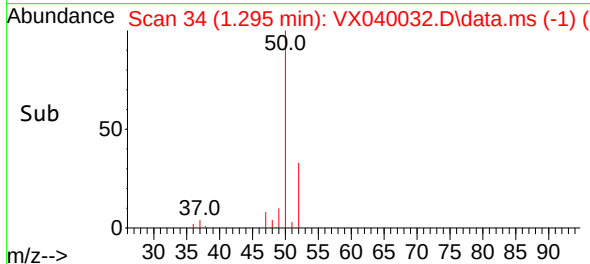
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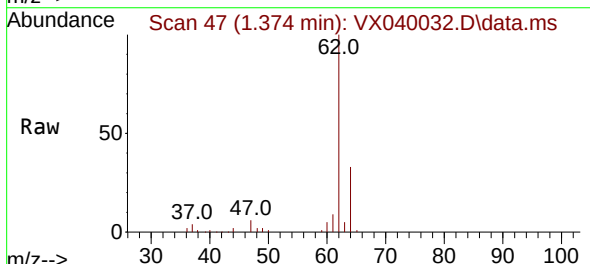
Tgt Ion: 50 Resp: 4059
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

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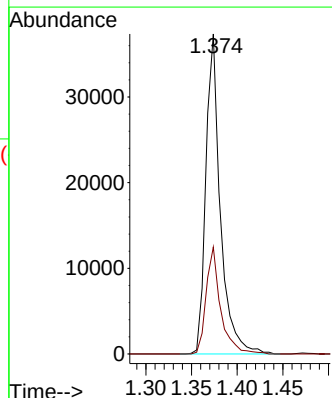
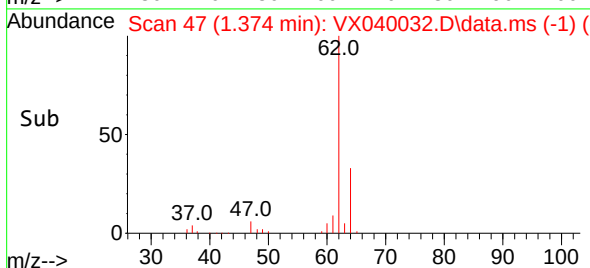
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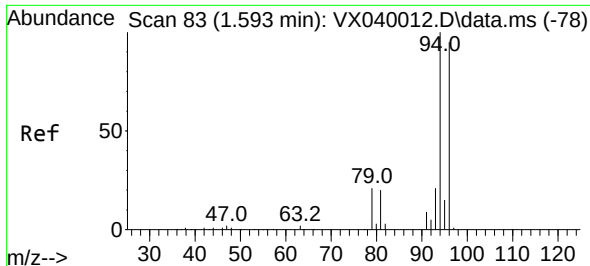


#4
Vinyl Chloride
Concen: 51.119 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



Tgt Ion: 62 Resp: 40998
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





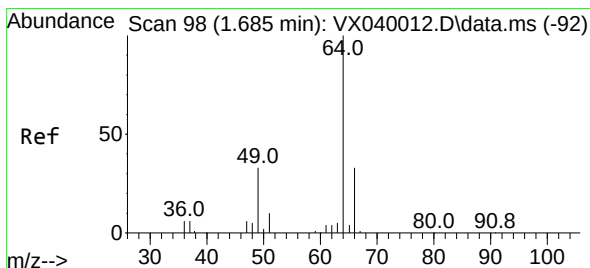
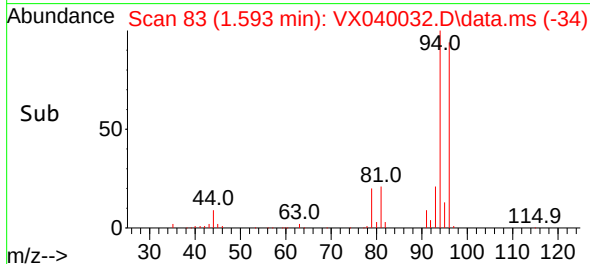
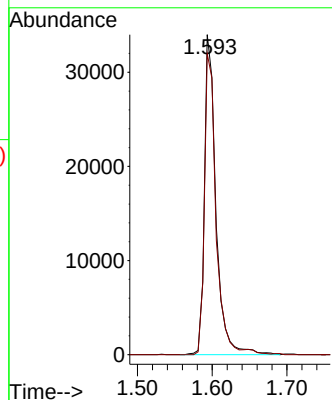
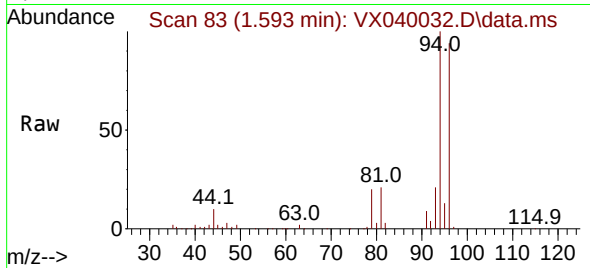
#5
Bromomethane
Concen: 46.581 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 3631
Ion Ratio Lower Upper
94 100
96 94.0 74.6 111.8

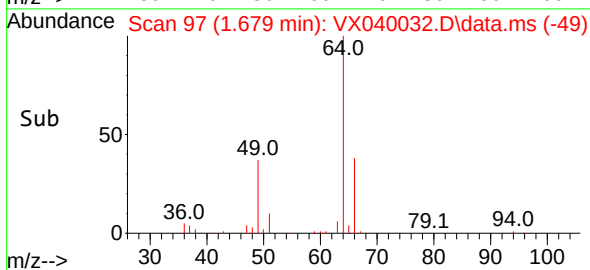
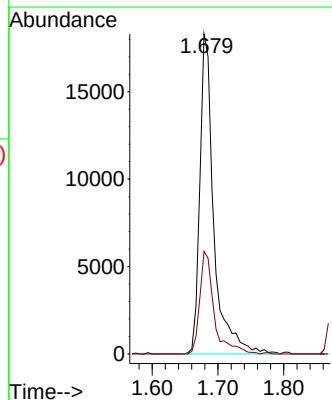
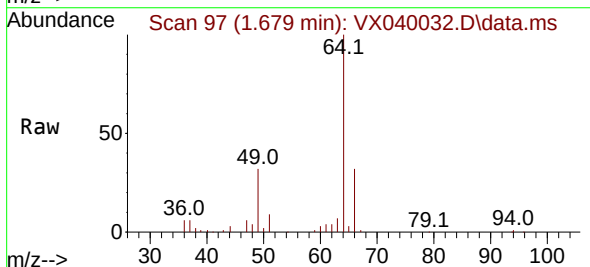
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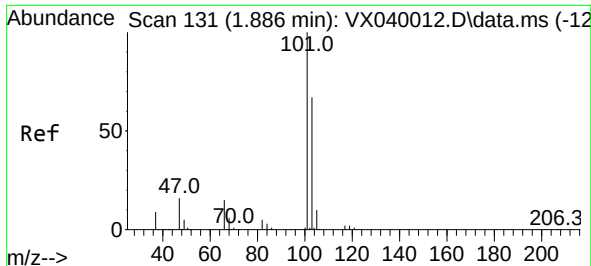
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#6
Chloroethane
Concen: 51.064 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

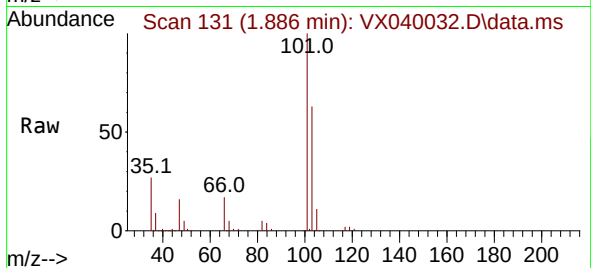
Tgt Ion: 64 Resp: 27037
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.914 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

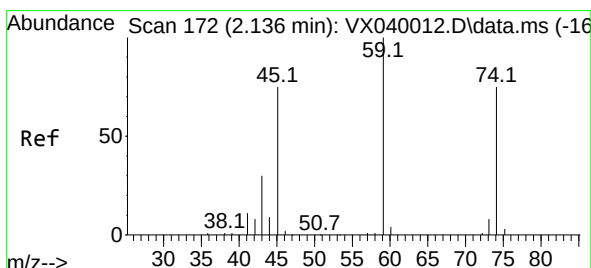
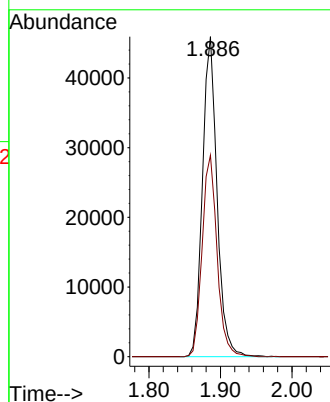
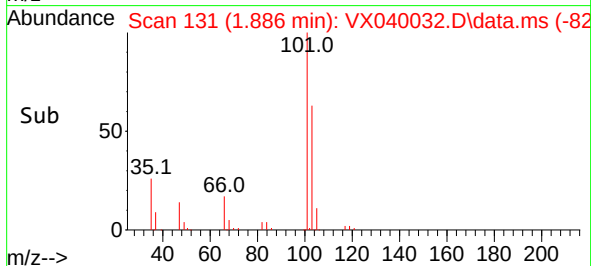
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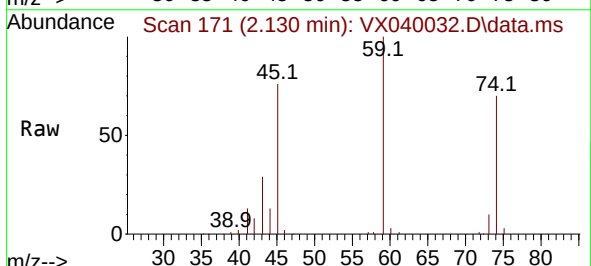
Tgt Ion:101 Resp: 64968
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

Manual Integrations
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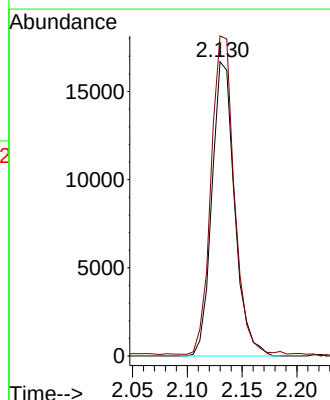
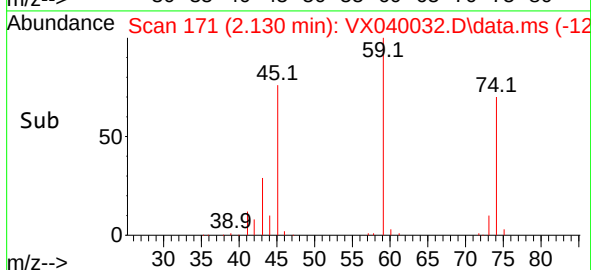
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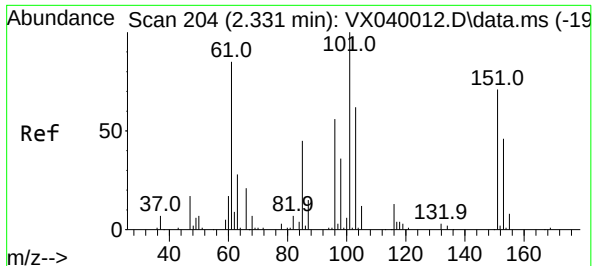


#8
Diethyl Ether
Concen: 53.224 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



Tgt Ion: 74 Resp: 24011
Ion Ratio Lower Upper
74 100
45 113.8 53.3 159.8





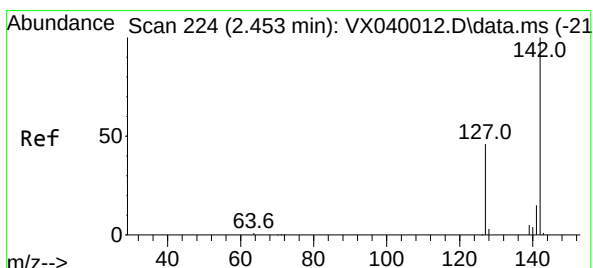
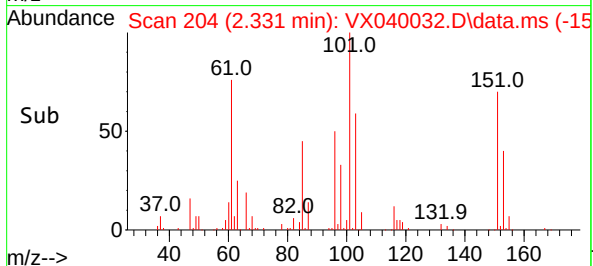
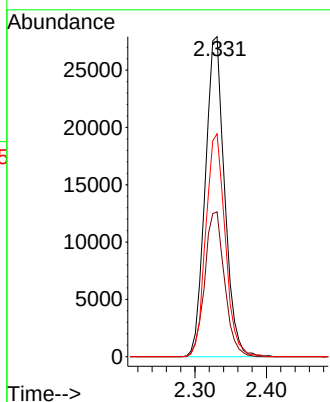
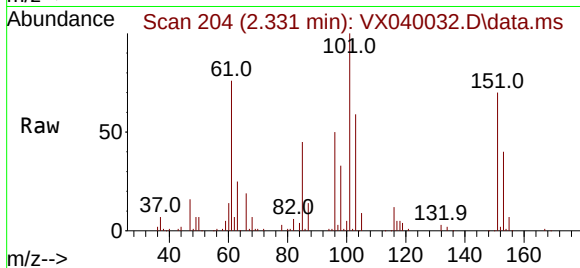
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.090 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :
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Tgt Ion:101 Resp: 52450
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 69.9 58.6 87.8

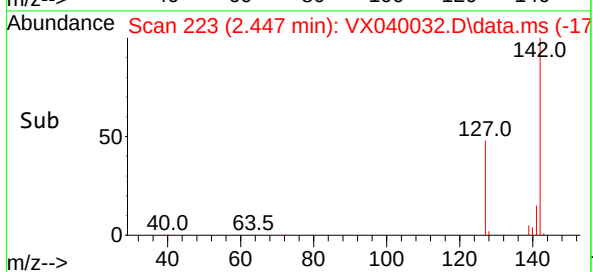
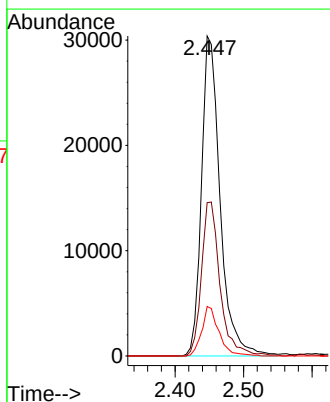
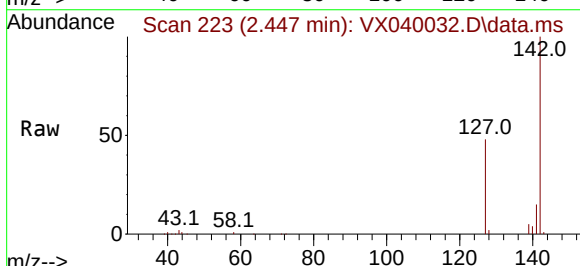
Manual Integrations
APPROVED

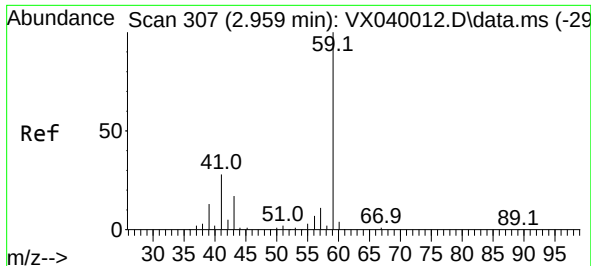
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#10
Methyl Iodide
Concen: 56.806 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

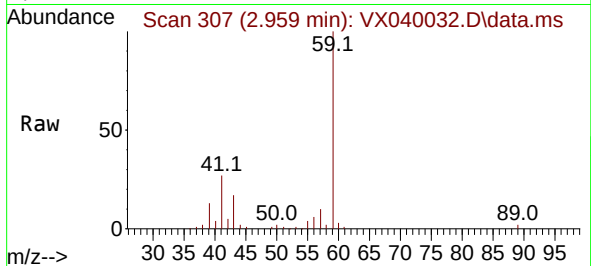
Tgt Ion:142 Resp: 57573
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 286.321 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

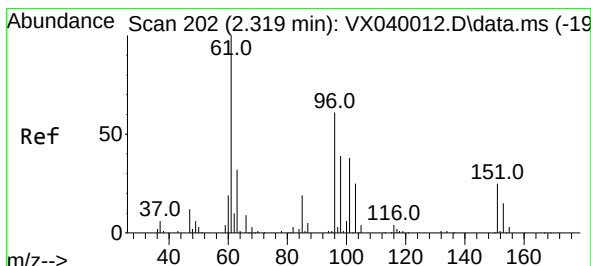
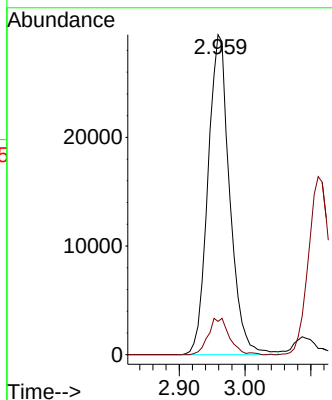
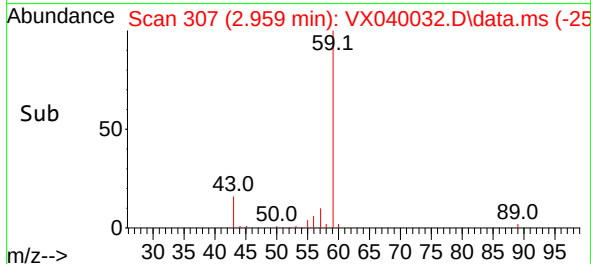
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



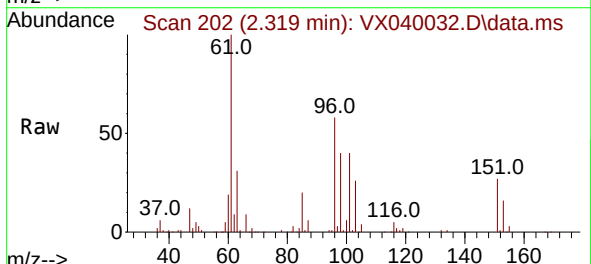
Tgt Ion: 59 Resp: 67878
Ion Ratio Lower Upper
59 100
57 11.1 6.0 9.0

Manual Integrations
APPROVED

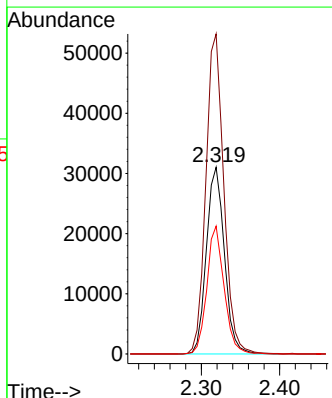
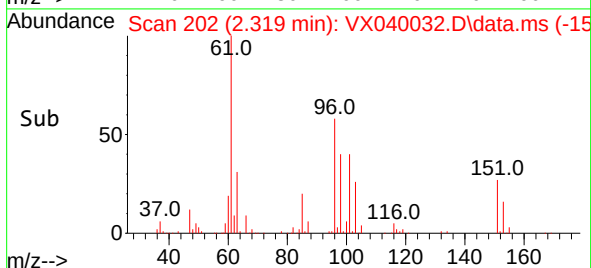
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

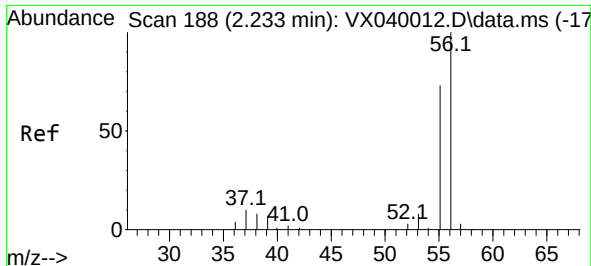


#12
1,1-Dichloroethene
Concen: 54.233 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



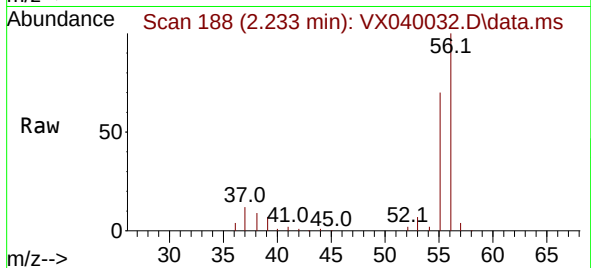
Tgt Ion: 96 Resp: 49521
Ion Ratio Lower Upper
96 100
61 171.4 144.6 216.8
98 68.5 50.4 75.6





#13
Acrolein
Concen: 258.128 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

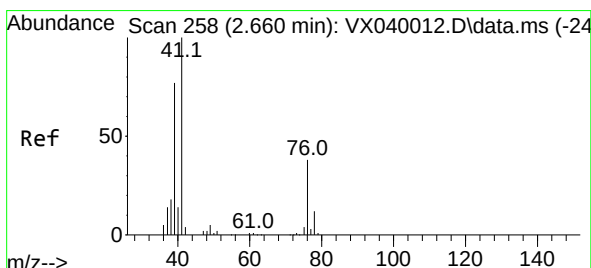
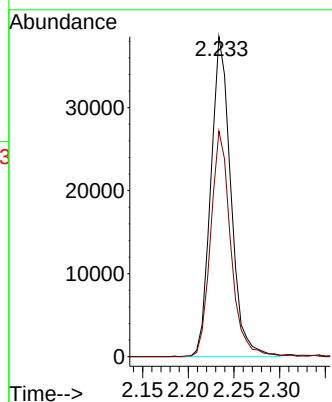
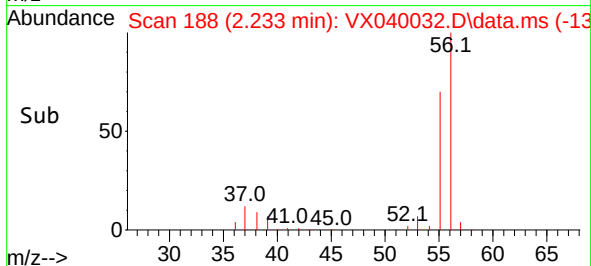
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 58630
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

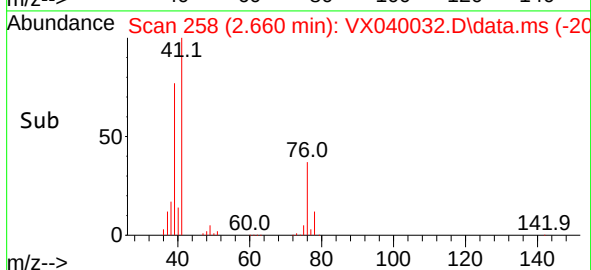
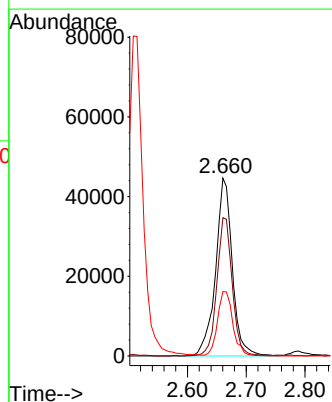
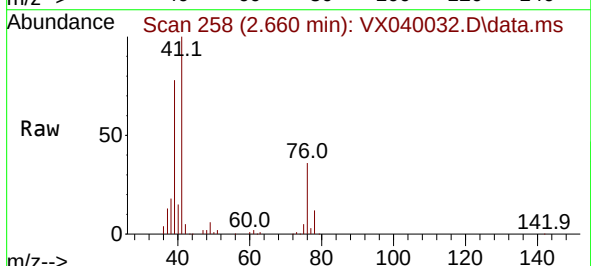
Manual Integrations
APPROVED

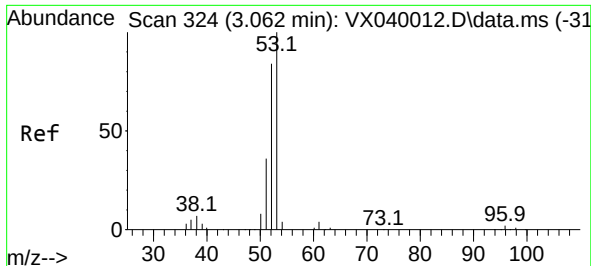
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#14
Allyl chloride
Concen: 53.708 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

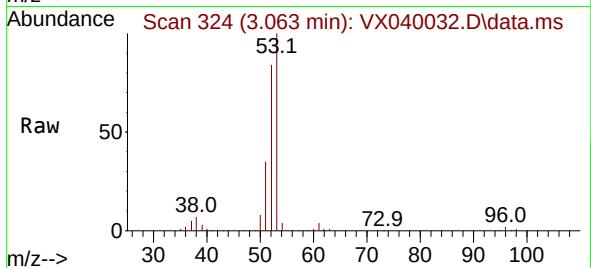
Tgt Ion: 41 Resp: 88399
Ion Ratio Lower Upper
41 100
39 71.2 55.8 83.6
76 33.3 24.3 36.5





#15
Acrylonitrile
Concen: 275.481 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

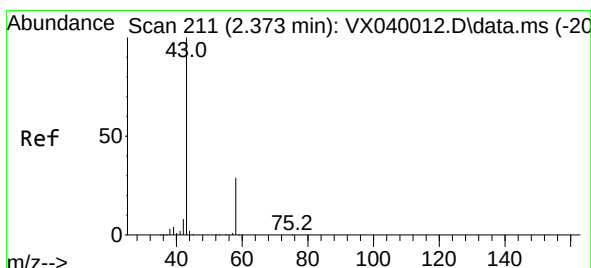
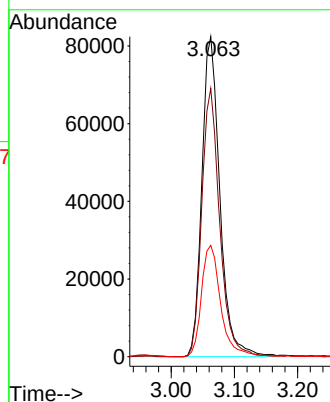
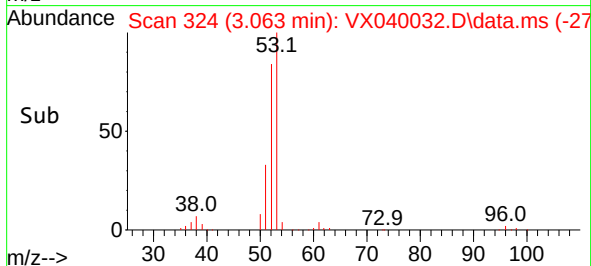
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 163590
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 37.2 29.8 44.6

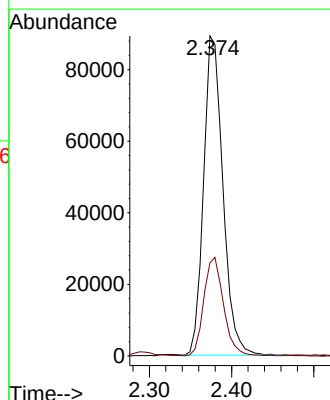
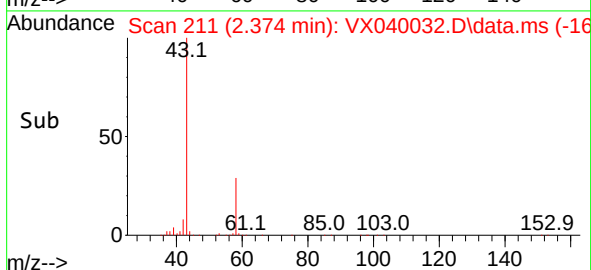
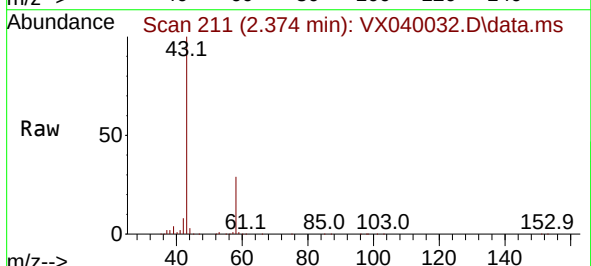
Manual Integrations
APPROVED

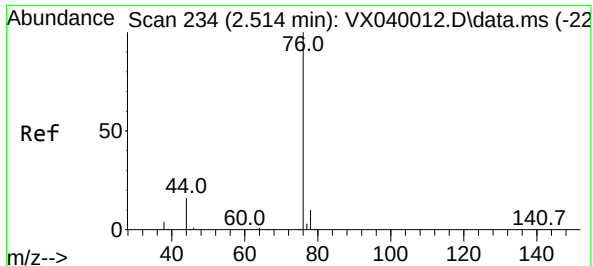
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 238.569 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 43 Resp: 146046
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





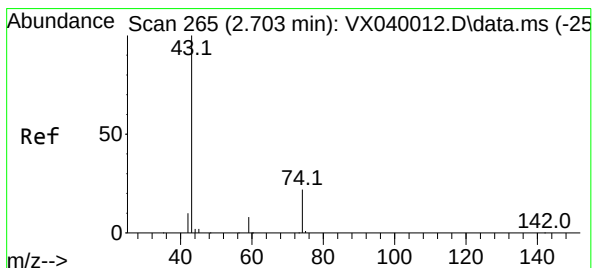
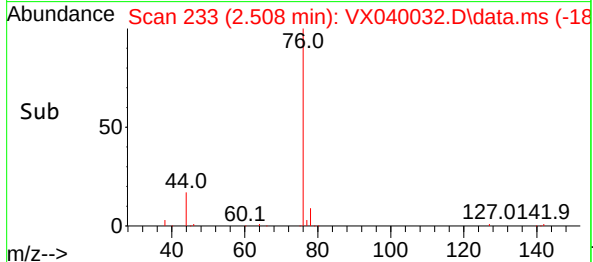
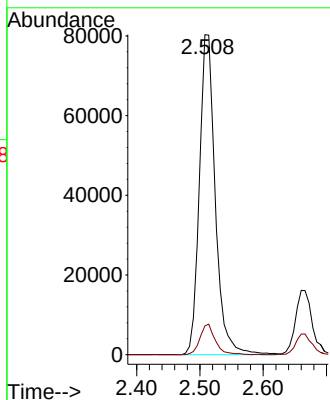
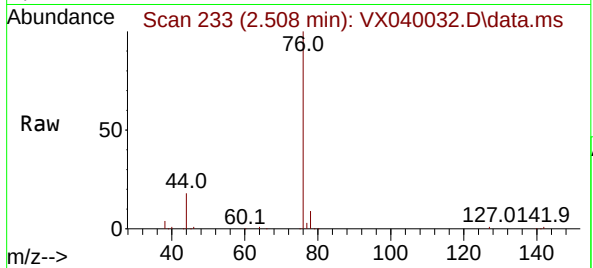
#17
Carbon Disulfide
Concen: 52.825 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 14102
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

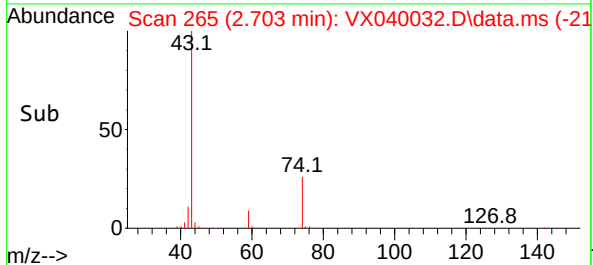
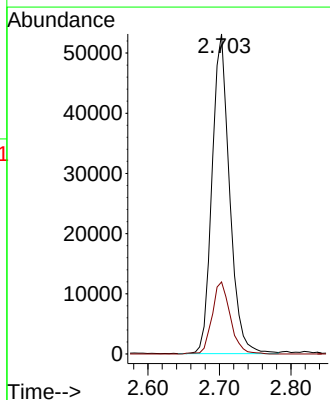
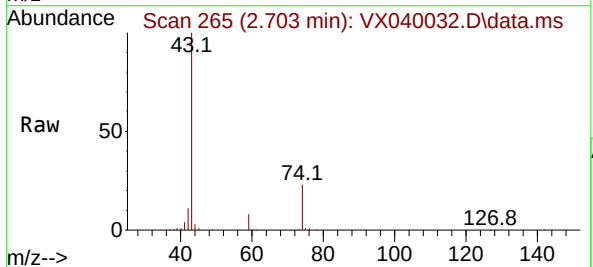
Manual Integrations
APPROVED

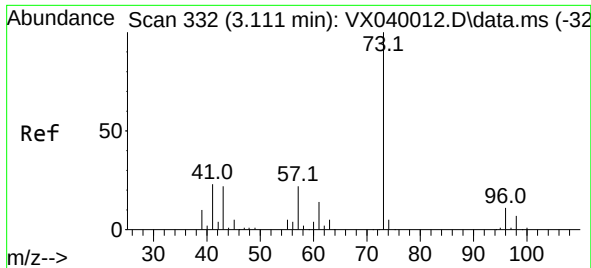
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#18
Methyl Acetate
Concen: 62.299 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 43 Resp: 90349
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8





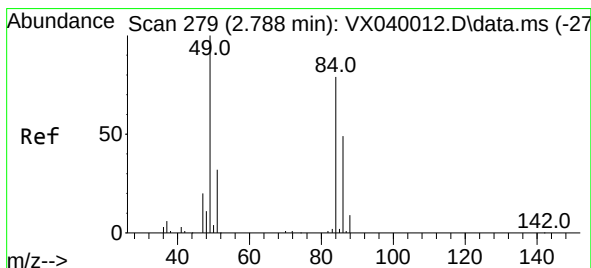
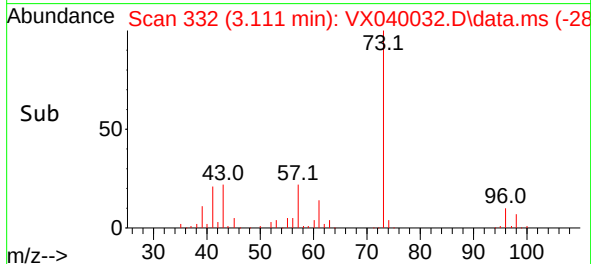
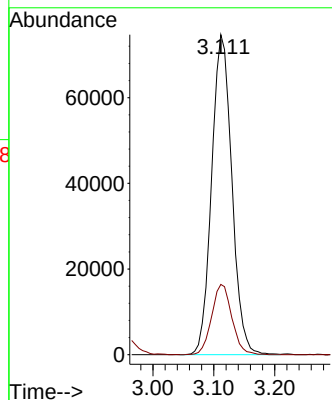
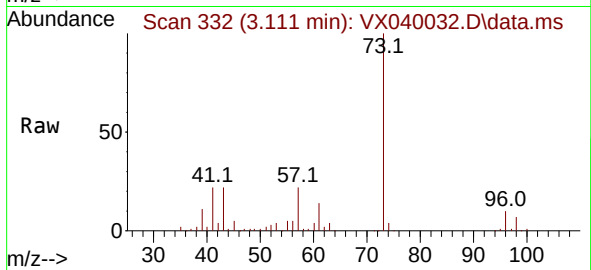
#19
Methyl tert-butyl Ether
Concen: 55.111 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 172379
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

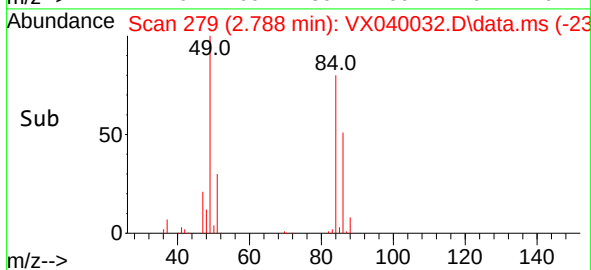
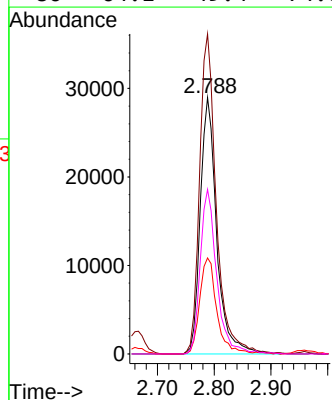
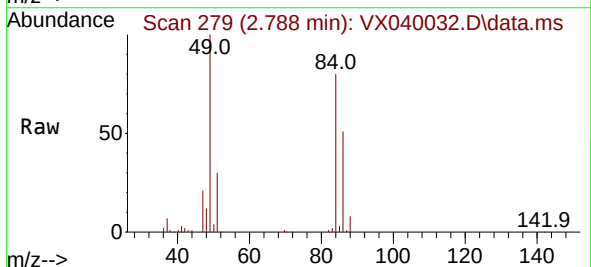
Manual Integrations
APPROVED

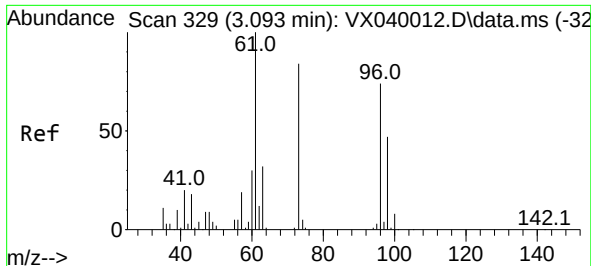
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 53.791 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

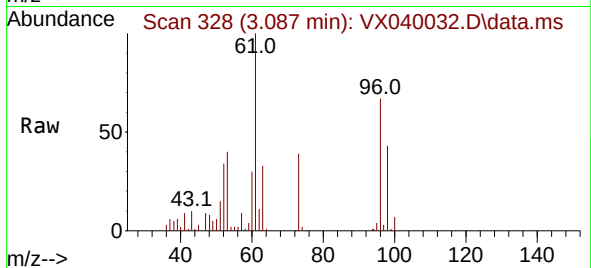
Tgt Ion: 84 Resp: 58520
Ion Ratio Lower Upper
84 100
49 124.7 103.6 155.4
51 37.4 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.881 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

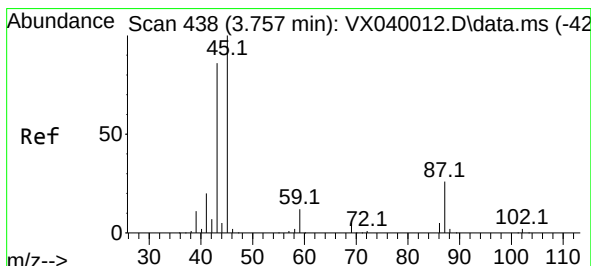
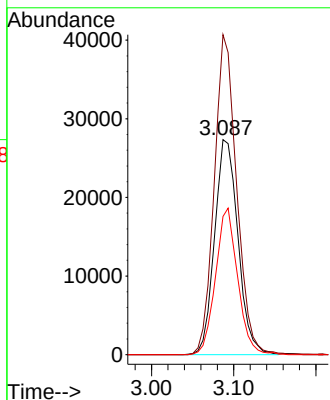
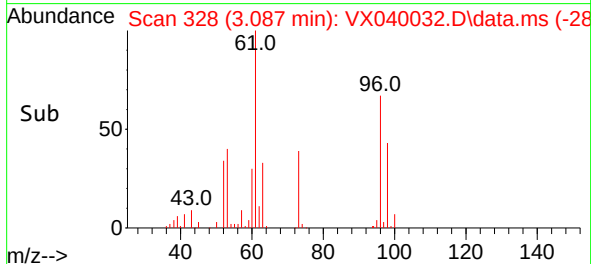
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5418
Ion Ratio Lower Upper
96 100
61 148.8 119.2 178.8
98 64.3 48.7 73.1

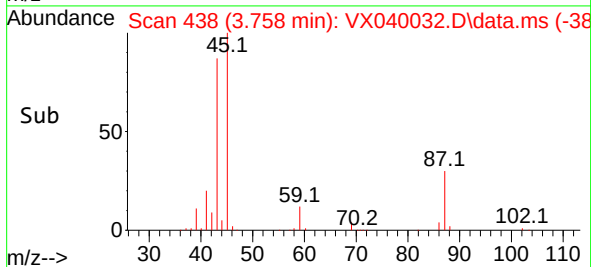
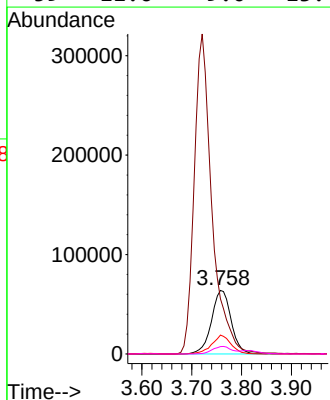
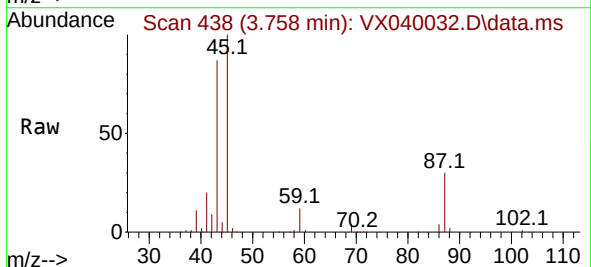
Manual Integrations
APPROVED

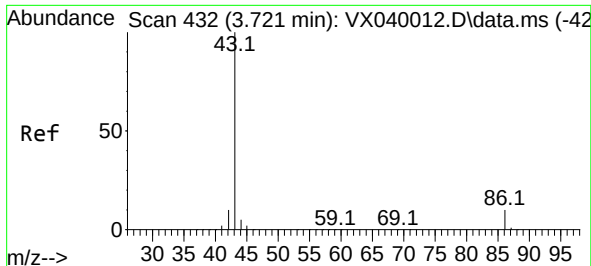
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#22
Diisopropyl ether
Concen: 54.775 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 45 Resp: 174633
Ion Ratio Lower Upper
45 100
43 86.2 69.7 104.5
87 29.8 20.8 31.2
59 11.6 9.0 13.4





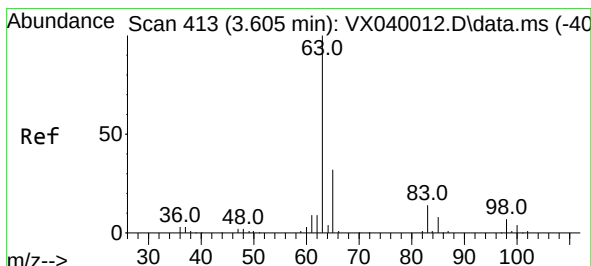
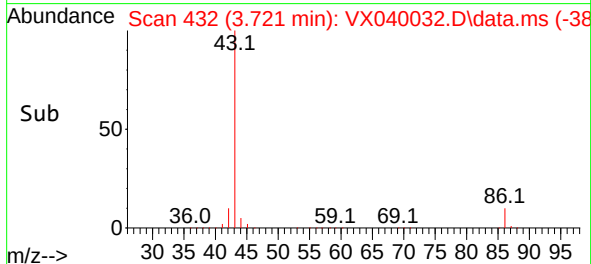
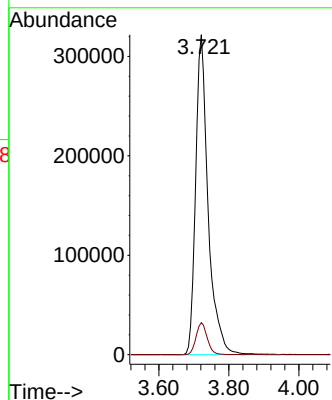
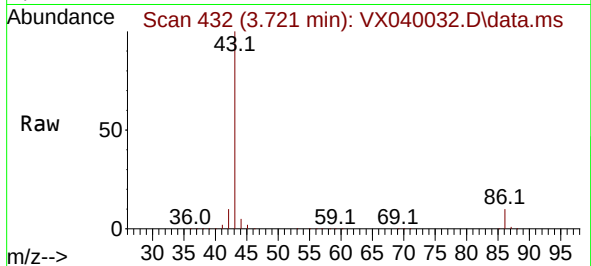
#23
 Vinyl Acetate
 Concen: 279.105 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040032.D
 Acq: 30 Jan 2024 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 79635
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

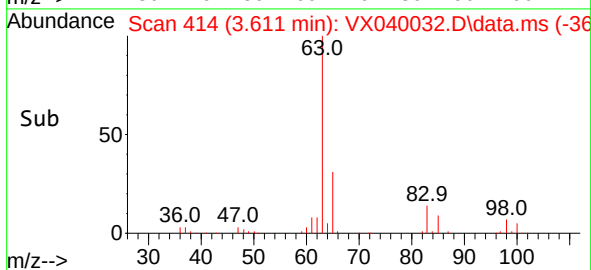
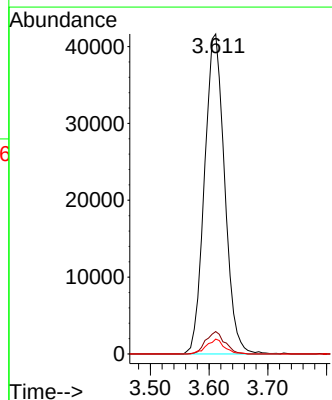
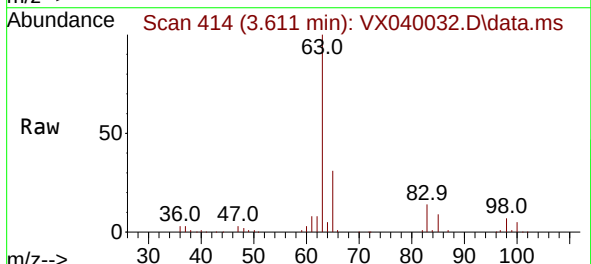
Manual Integrations
 APPROVED

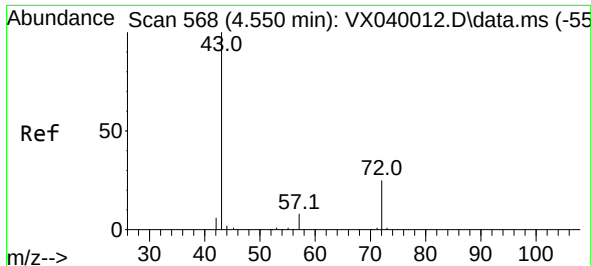
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#24
 1,1-Dichloroethane
 Concen: 54.293 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040032.D
 Acq: 30 Jan 2024 20:15

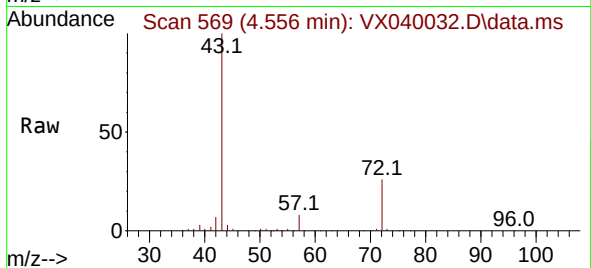
Tgt Ion: 63 Resp: 99136
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 261.042 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

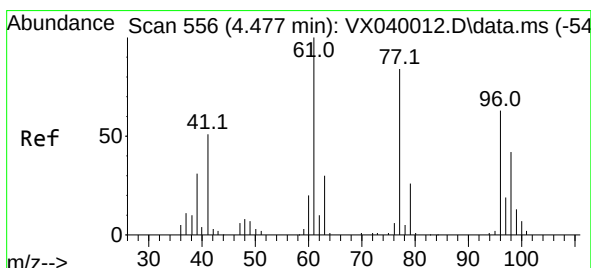
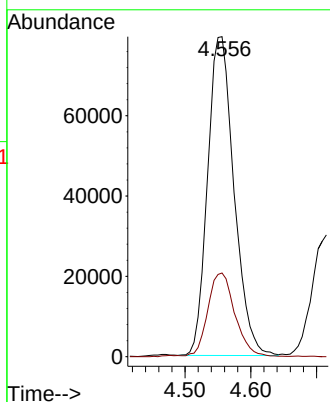
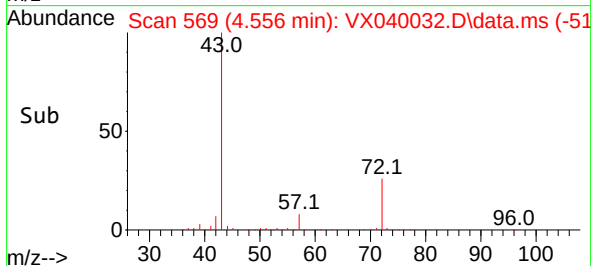
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 22214
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

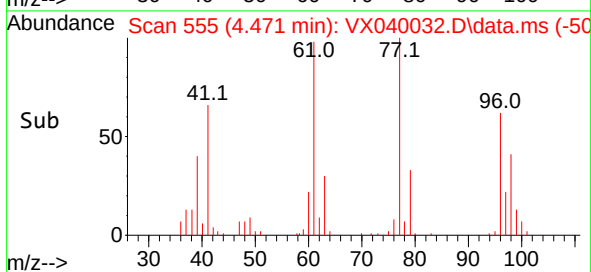
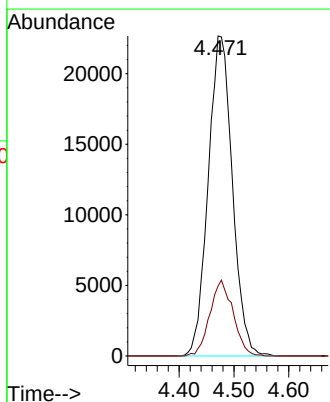
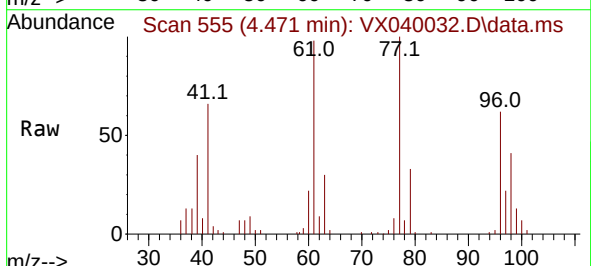
Manual Integrations
APPROVED

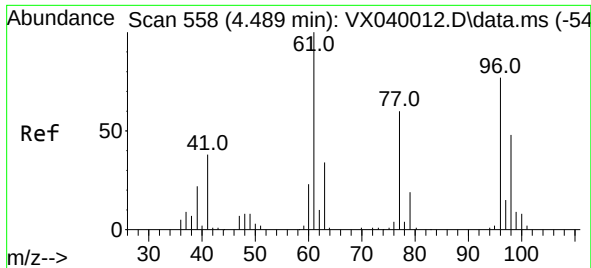
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#26
2,2-Dichloropropane
Concen: 48.779 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 77 Resp: 69497
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.697 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 60250

Ion Ratio Lower Upper

96 100

61 145.8 0.0 312.2

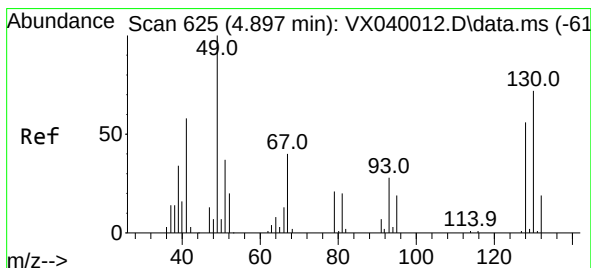
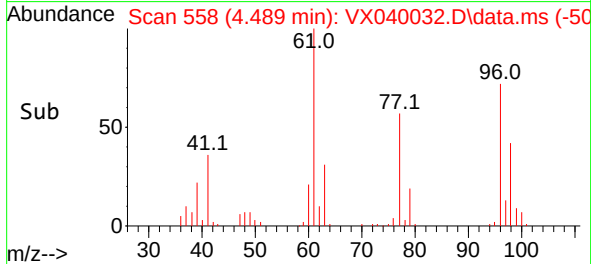
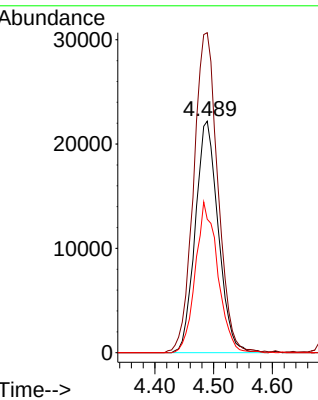
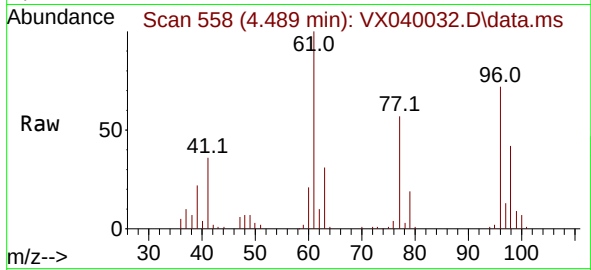
98 63.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#28

Bromochloromethane

Concen: 55.508 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

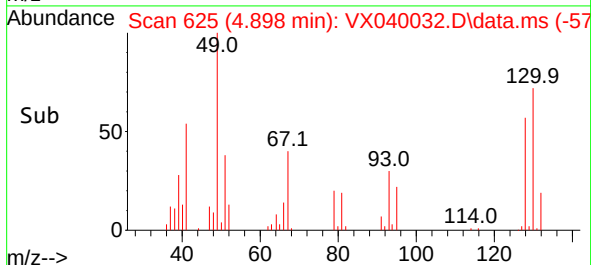
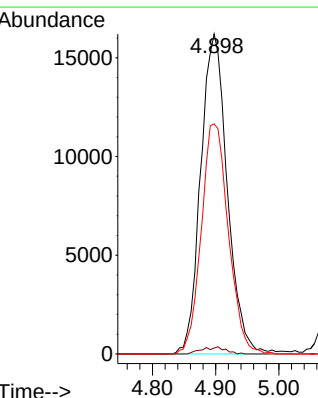
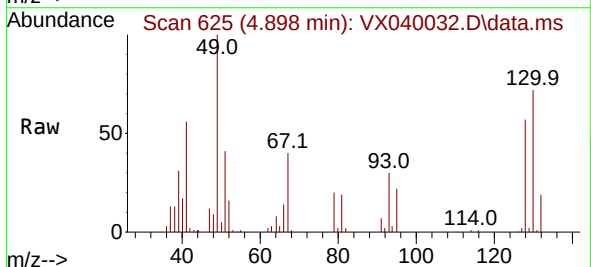
Tgt Ion: 49 Resp: 47262

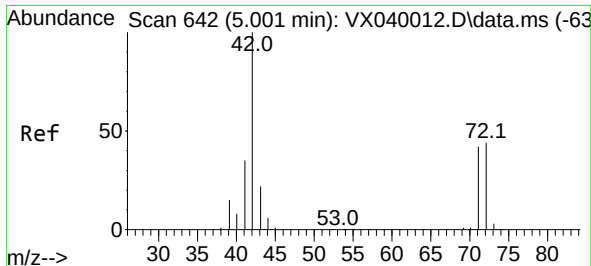
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 73.3 57.5 86.3





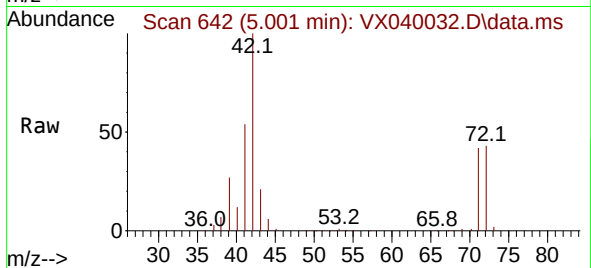
#29
Tetrahydrofuran
Concen: 278.953 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



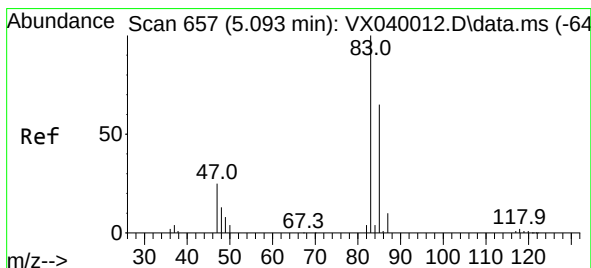
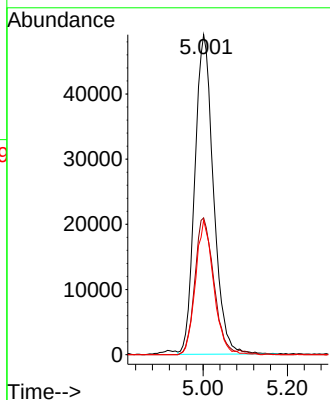
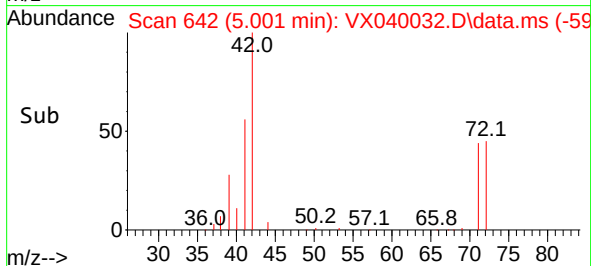
Tgt Ion: 42 Resp: 15093
Ion Ratio Lower Upper
42 100
72 43.5 34.2 51.4
71 41.0 32.2 48.2

Manual Integrations

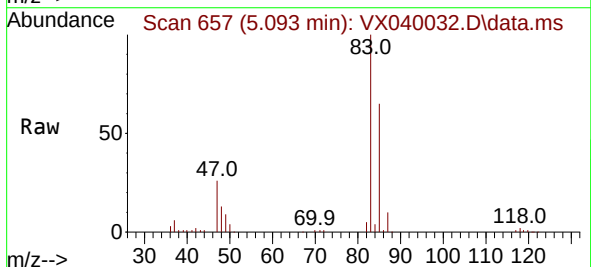
APPROVED

Reviewed By :John Carlone 01/31/2024

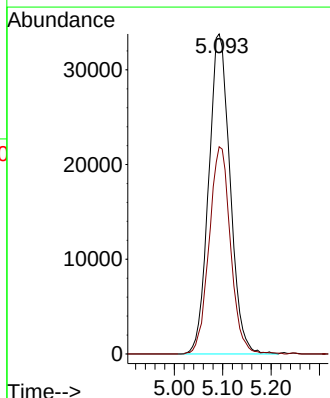
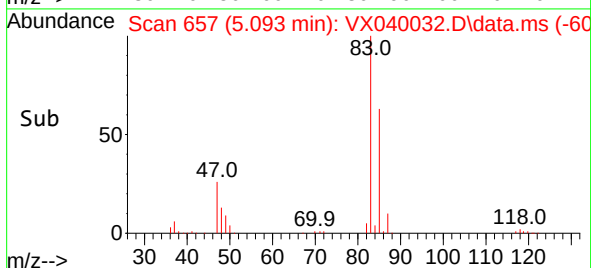
Supervised By :Semsettin Yesilyurt 01/31/2024

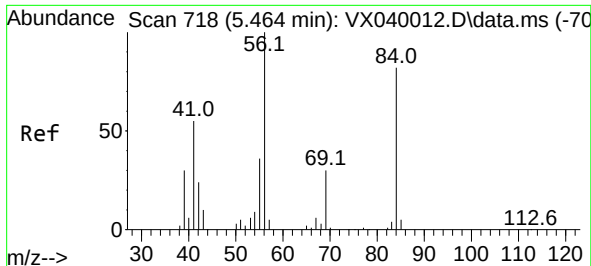


#30
Chloroform
Concen: 52.892 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



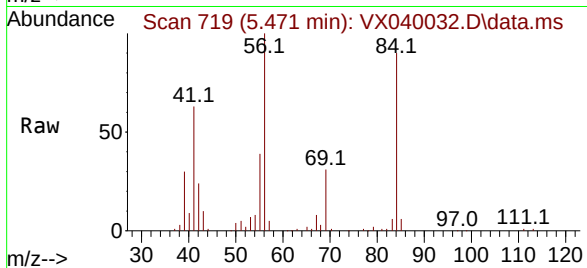
Tgt Ion: 83 Resp: 103705
Ion Ratio Lower Upper
83 100
85 64.8 50.3 75.5





#31
Cyclohexane
Concen: 50.793 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

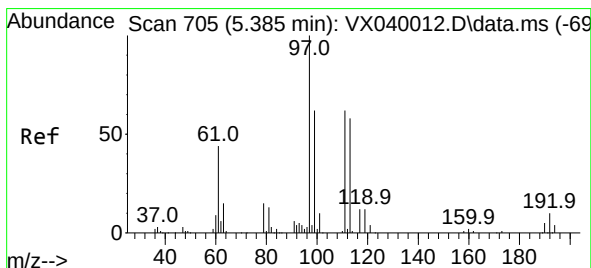
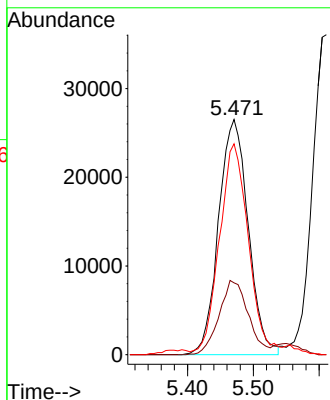
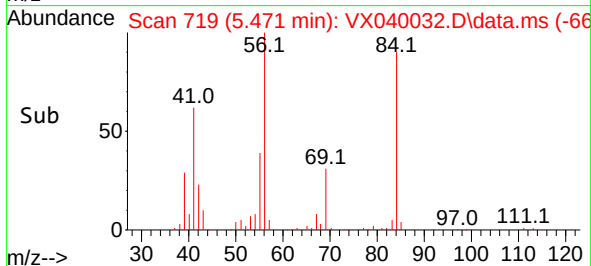
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 83128
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 88.0 65.9 98.9

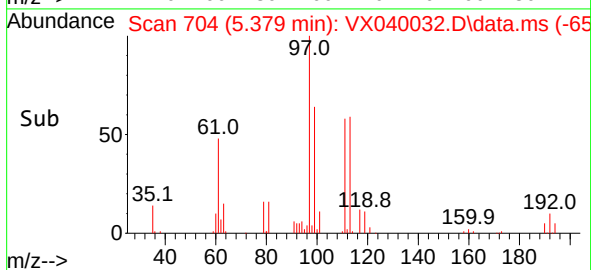
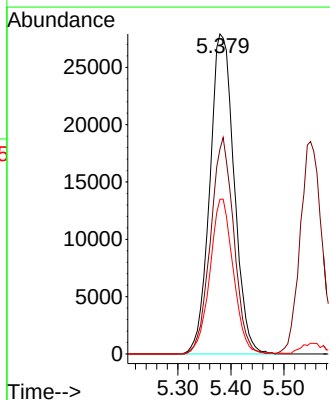
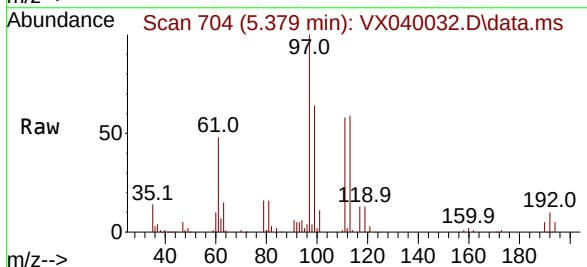
Manual Integrations
APPROVED

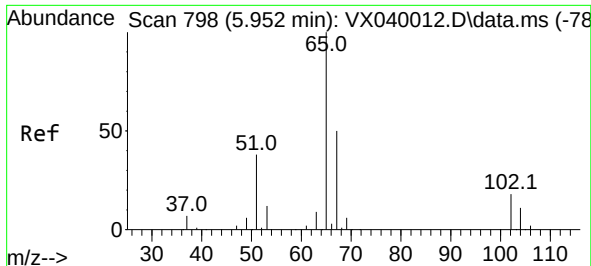
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#32
1,1,1-Trichloroethane
Concen: 52.785 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 97 Resp: 88820
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 46.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.373 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6712

Ion Ratio Lower Upper

65 100

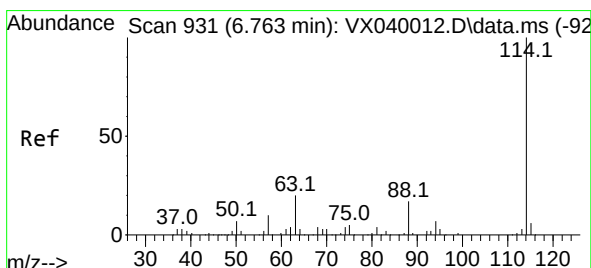
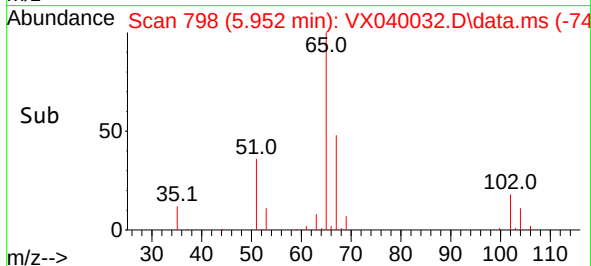
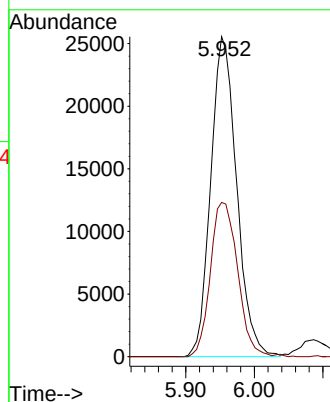
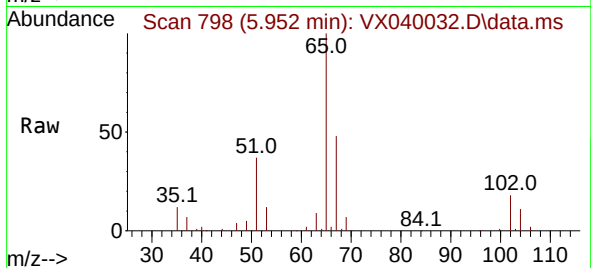
67 50.5 0.0 100.2

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: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

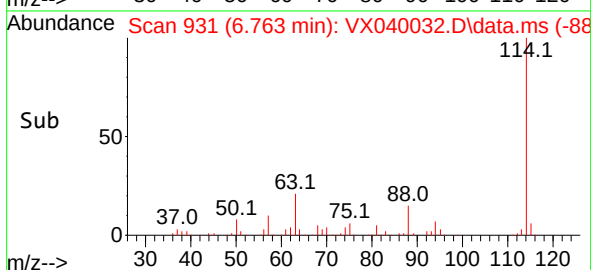
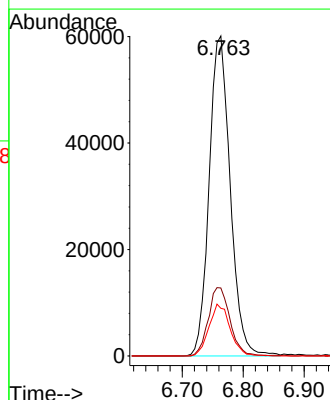
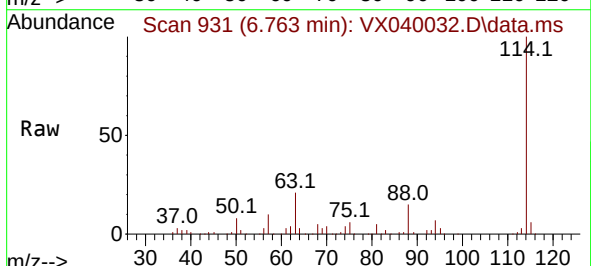
Tgt Ion:114 Resp: 144515

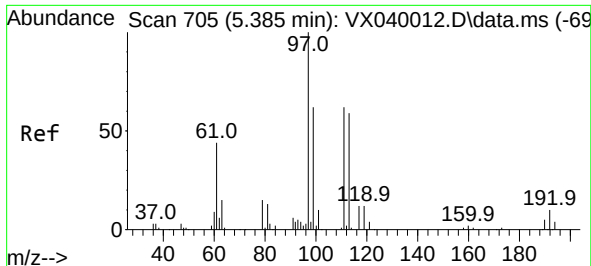
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

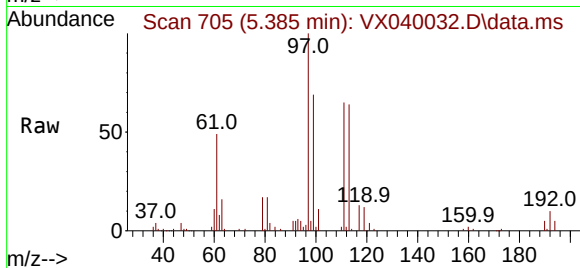
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.006 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

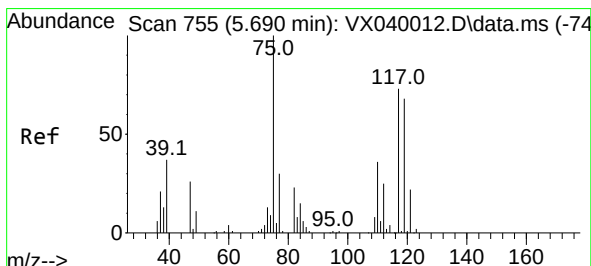
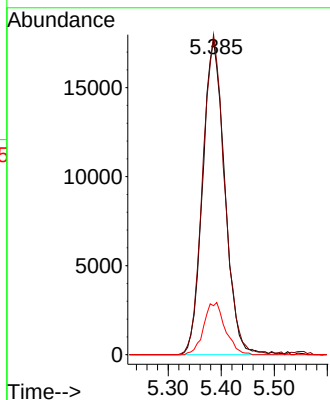
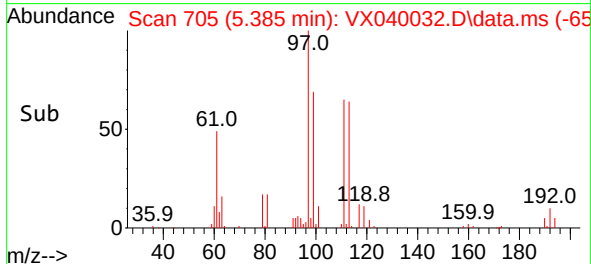
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 51162
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 16.1 13.3 19.9

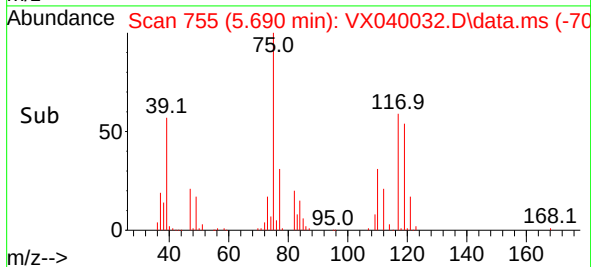
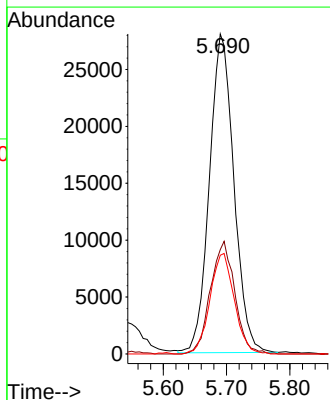
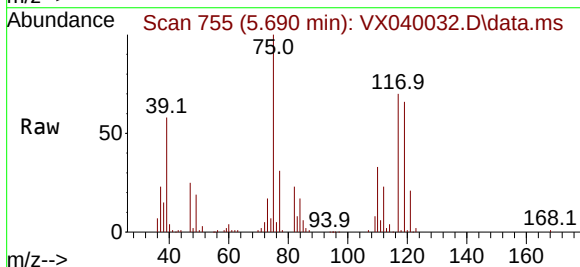
Manual Integrations
APPROVED

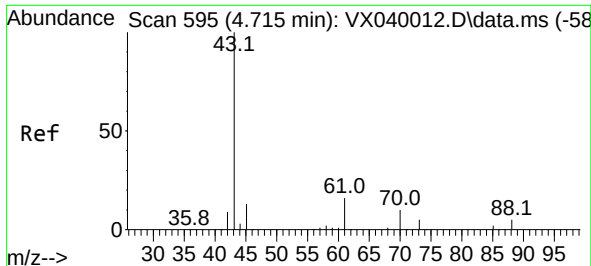
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#36
1,1-Dichloropropene
Concen: 52.945 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

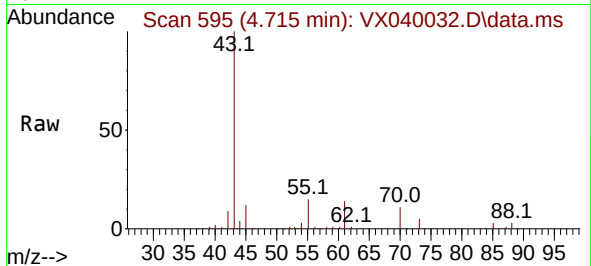
Tgt Ion: 75 Resp: 75328
Ion Ratio Lower Upper
75 100
110 35.1 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 54.915 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

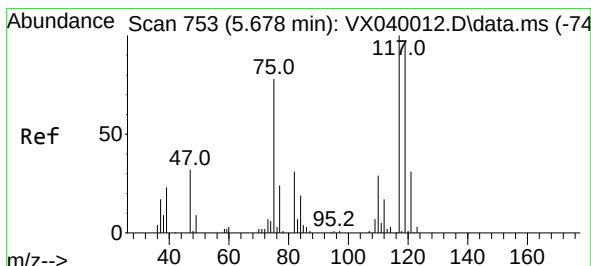
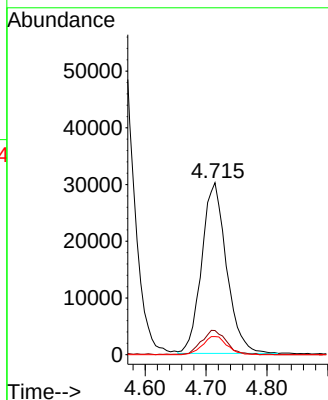
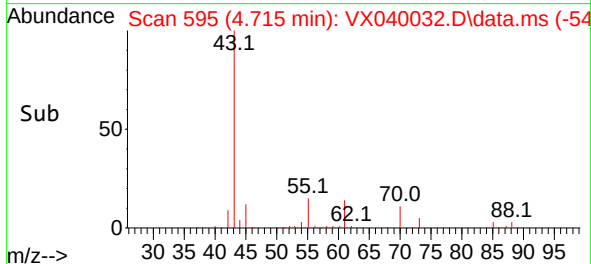
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 85328
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 10.5 8.3 12.5

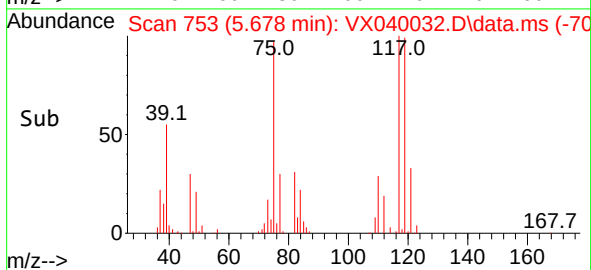
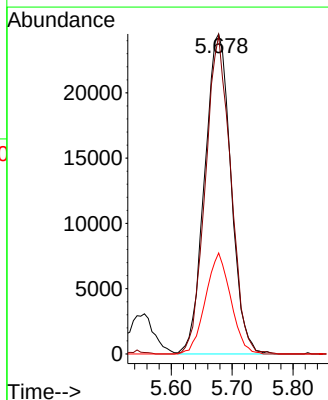
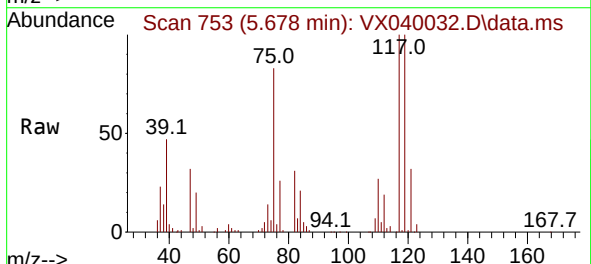
Manual Integrations
APPROVED

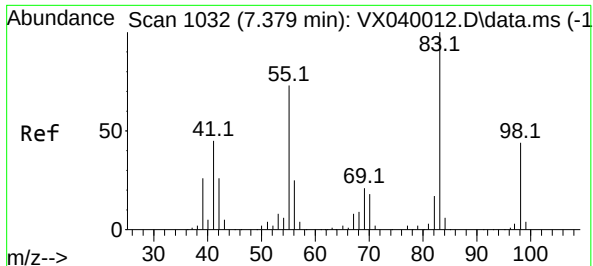
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#38
Carbon Tetrachloride
Concen: 54.002 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion:117 Resp: 73515
Ion Ratio Lower Upper
117 100
119 99.5 78.2 117.2
121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 52.027 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 90062

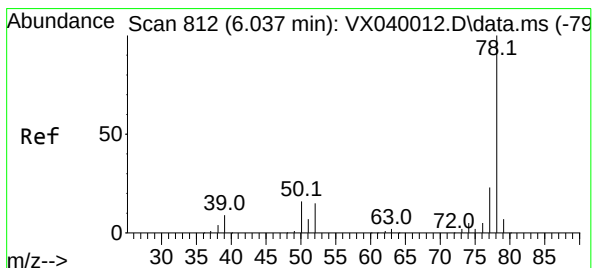
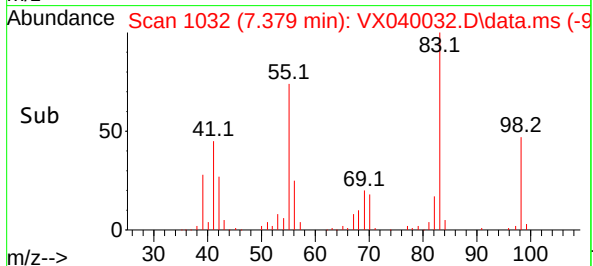
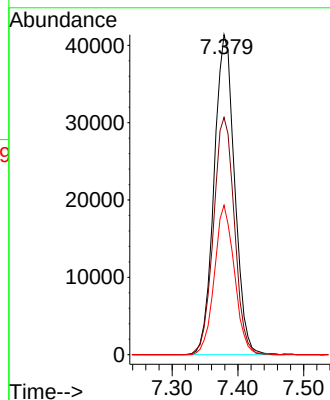
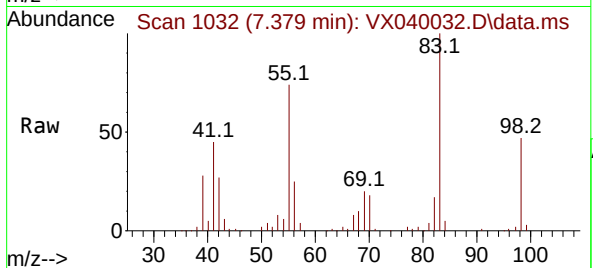
Ion	Ratio	Lower	Upper
83	100		
55	74.1	64.6	97.0
98	46.7	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#40

Benzene

Concen: 52.640 ug/l

RT: 6.038 min Scan# 812

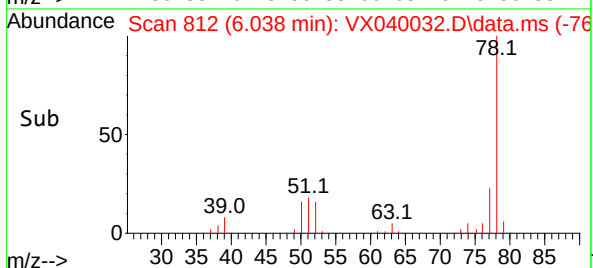
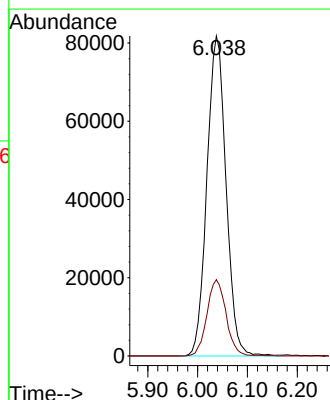
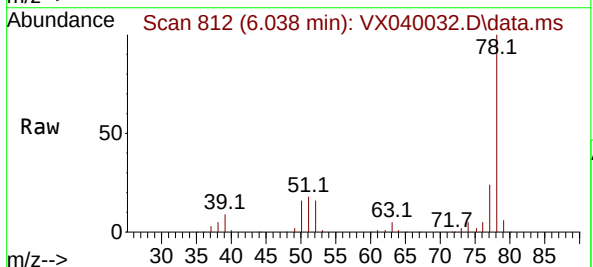
Delta R.T. 0.000 min

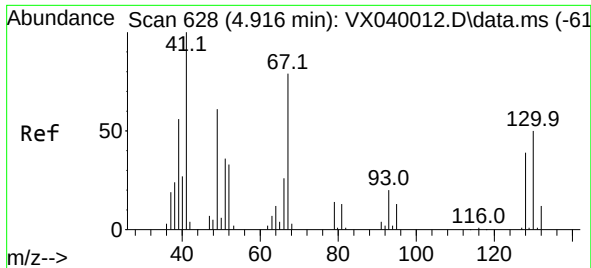
Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Tgt Ion: 78 Resp: 218136

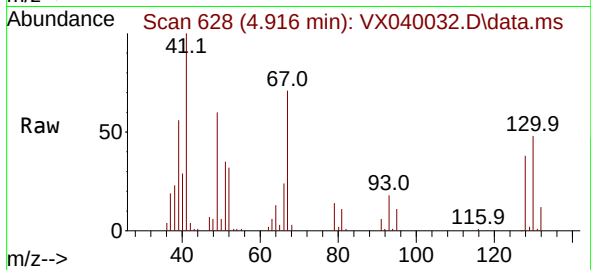
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41
Methacrylonitrile
Concen: 58.529 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

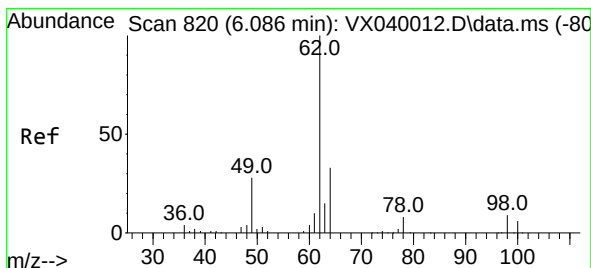
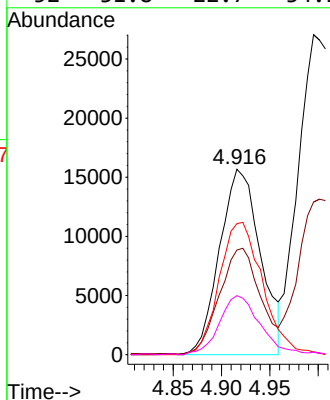
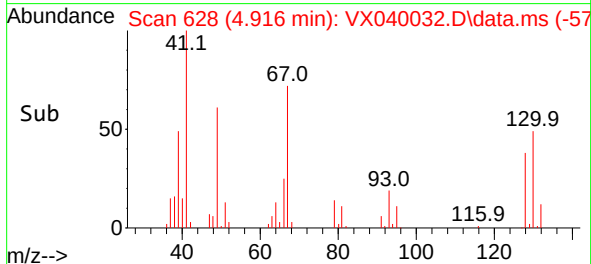
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4612
Ion Ratio Lower Upper
41 100
39 56.9 45.2 67.8
67 75.3 52.6 78.8
52 31.8 22.7 34.1

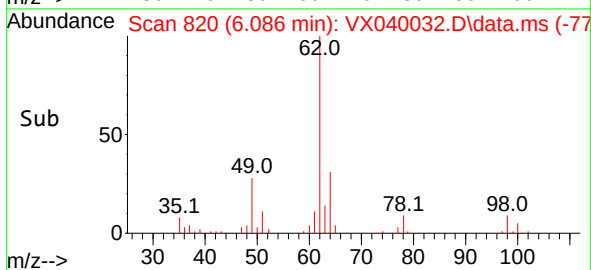
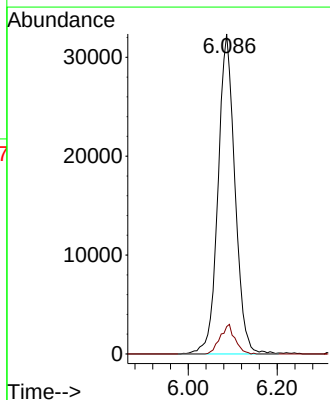
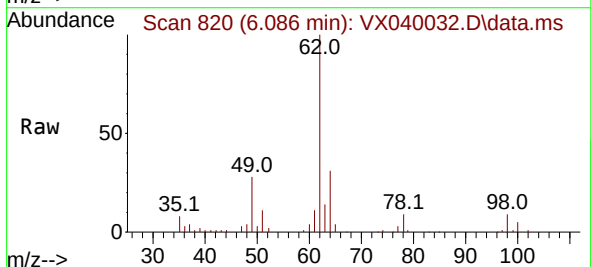
Manual Integrations
APPROVED

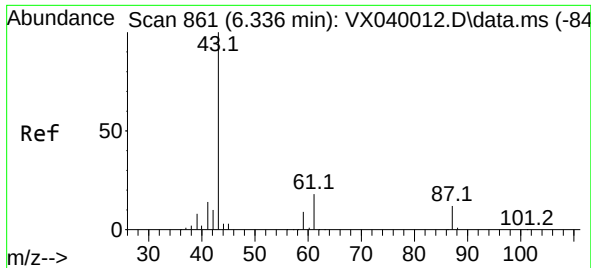
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#42
1,2-Dichloroethane
Concen: 53.468 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

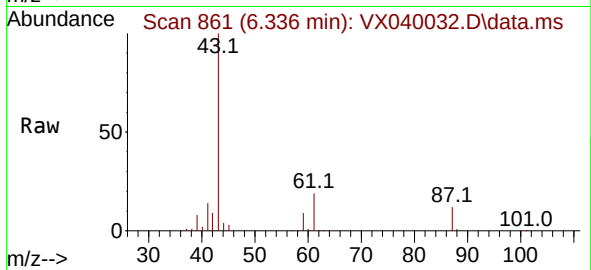
Tgt Ion: 62 Resp: 85292
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 55.771 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

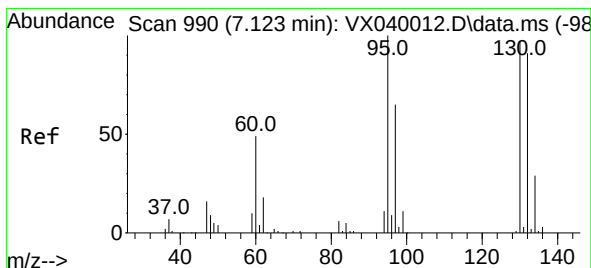
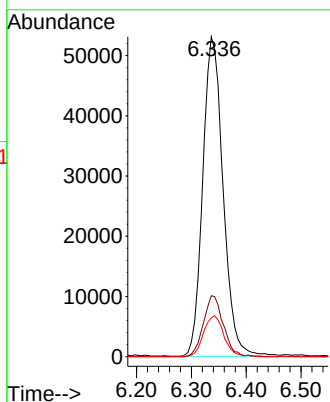
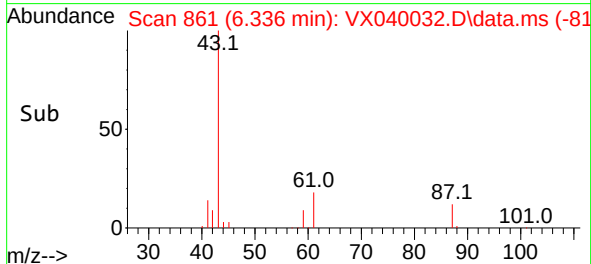
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



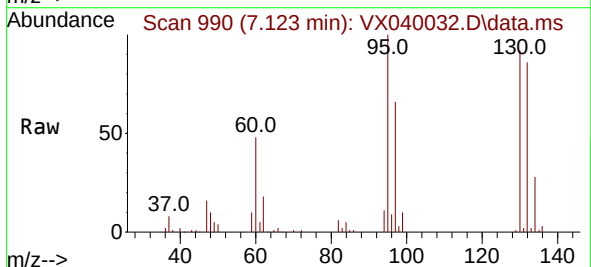
Tgt Ion: 43 Resp: 13665
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.8 9.8 14.6

Manual Integrations
APPROVED

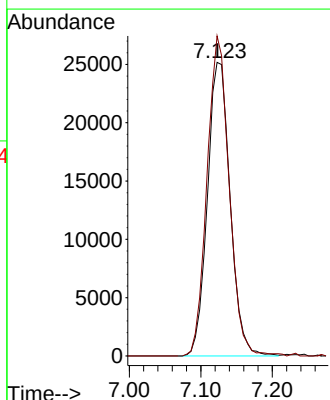
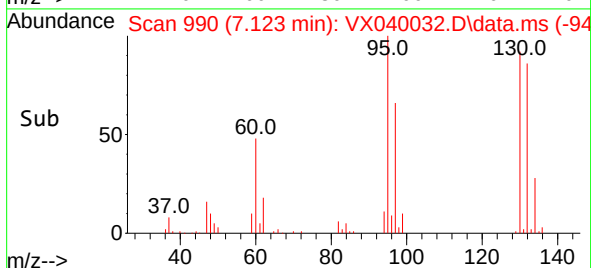
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

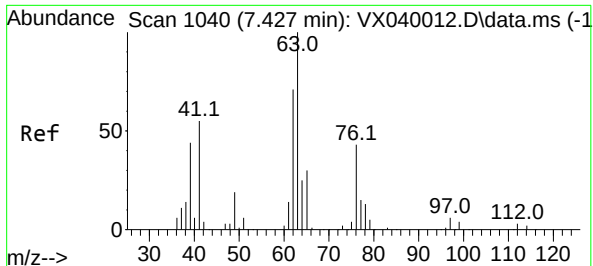


#44
Trichloroethene
Concen: 51.062 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



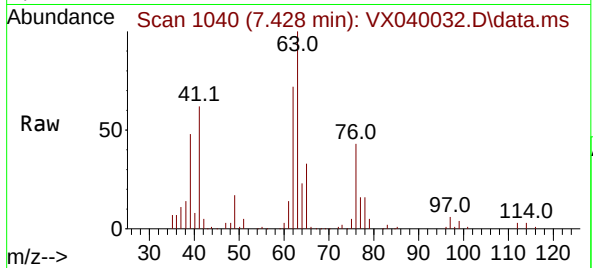
Tgt Ion:130 Resp: 55683
Ion Ratio Lower Upper
130 100
95 109.0 0.0 204.4





#45
1,2-Dichloropropane
Concen: 52.537 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

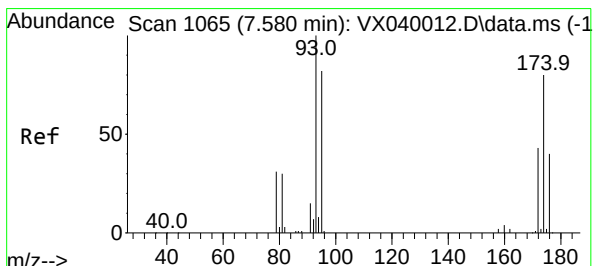
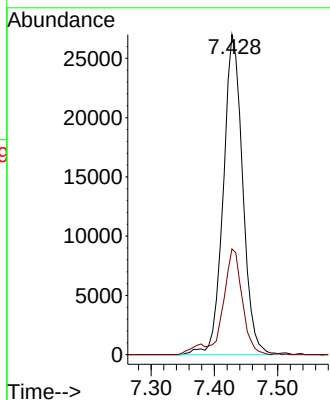
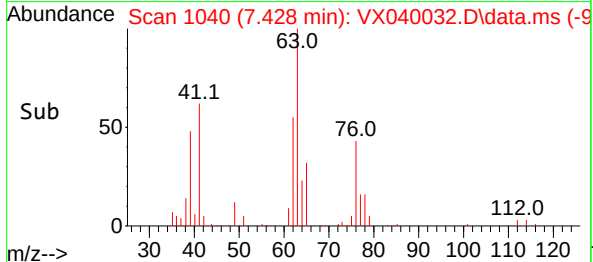
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 5748
Ion Ratio Lower Upper
63 100
65 33.0 24.3 36.5

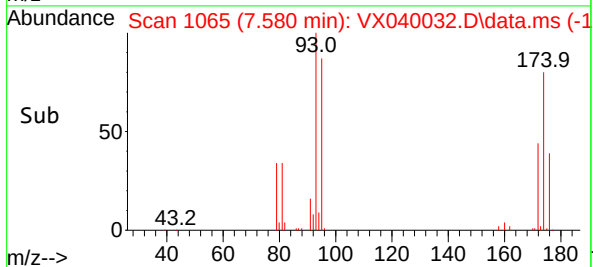
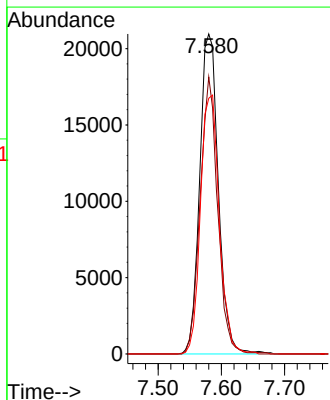
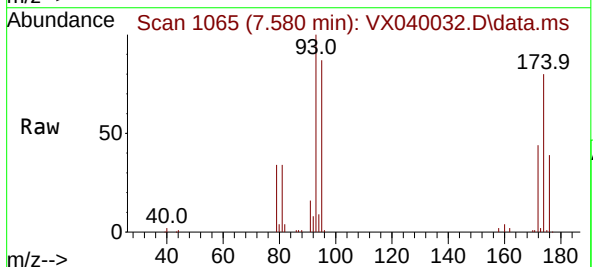
Manual Integrations
APPROVED

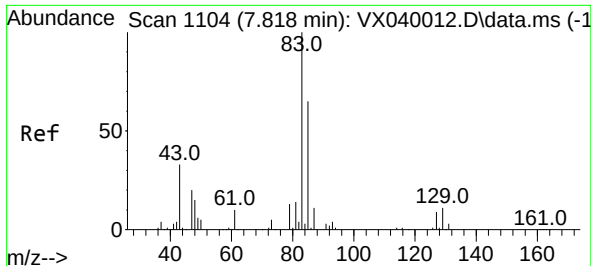
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#46
Dibromomethane
Concen: 52.543 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 93 Resp: 43150
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 81.8 69.4 104.0





#47
Bromodichloromethane
Concen: 55.142 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

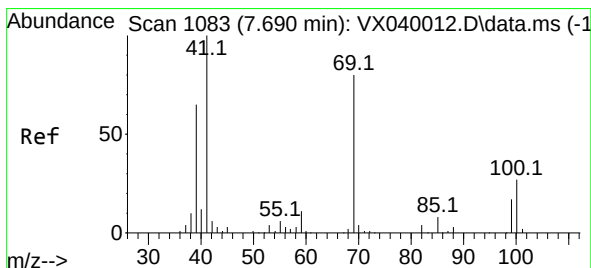
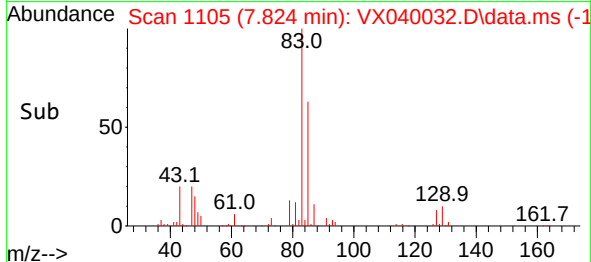
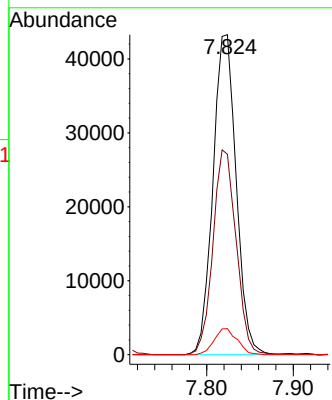
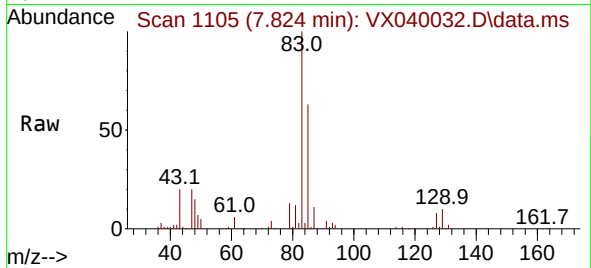
Tgt Ion: 83 Resp: 8065
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.1 7.1 10.7

Manual Integrations

APPROVED

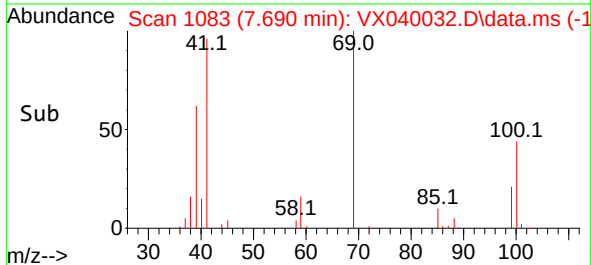
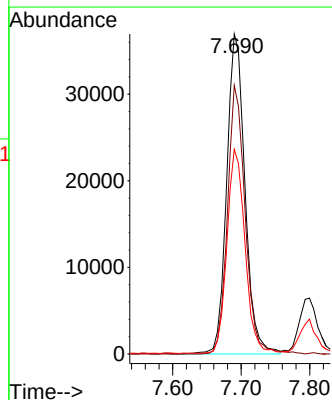
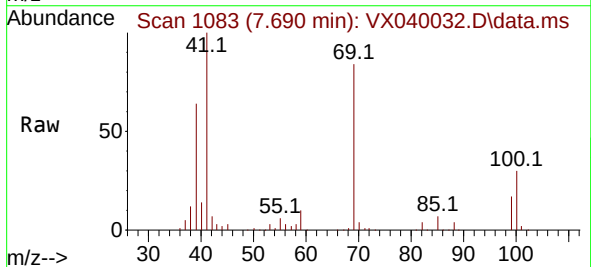
Reviewed By :John Carlone 01/31/2024

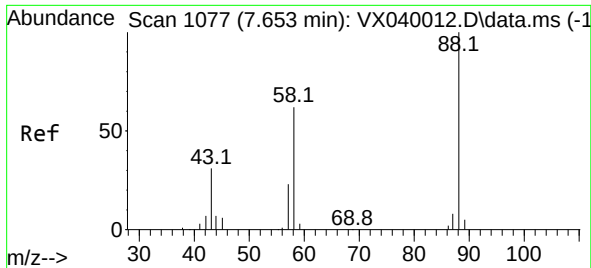
Supervised By :Semsettin Yesilyurt 01/31/2024



#48
Methyl methacrylate
Concen: 56.672 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 41 Resp: 68406
Ion Ratio Lower Upper
41 100
69 81.3 59.2 88.8
39 62.8 47.7 71.5





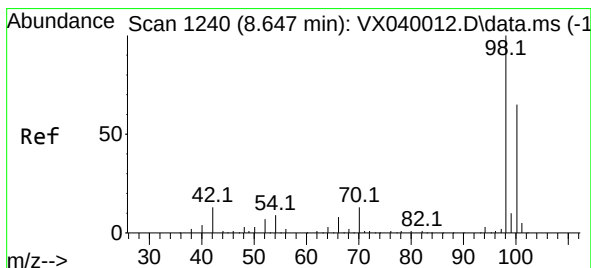
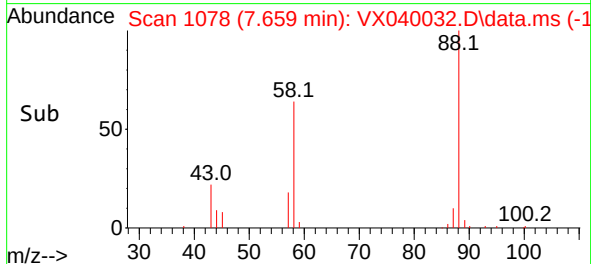
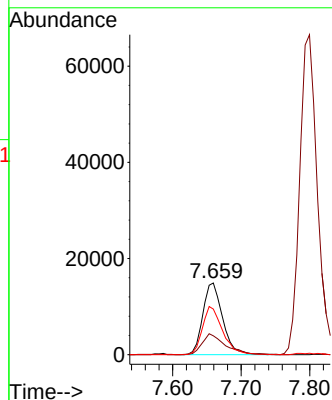
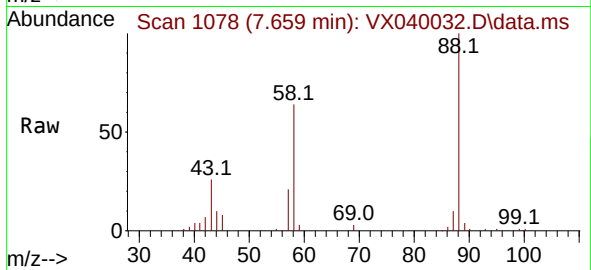
#49
1,4-Dioxane
Concen: 1139.048 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 2987
Ion Ratio Lower Upper
88 100
43 34.1 0.0 0.0
58 68.3 60.1 90.1

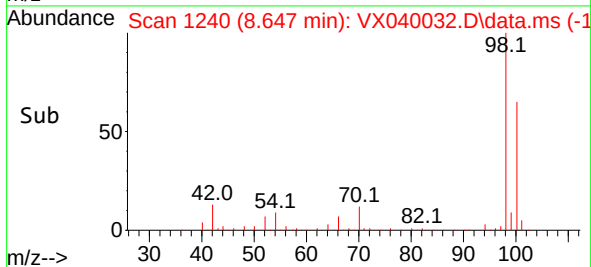
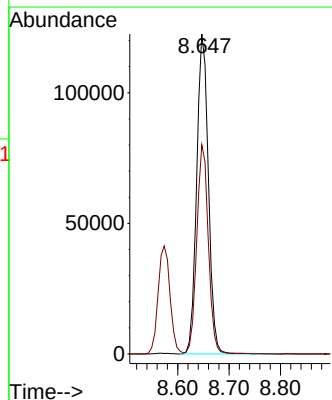
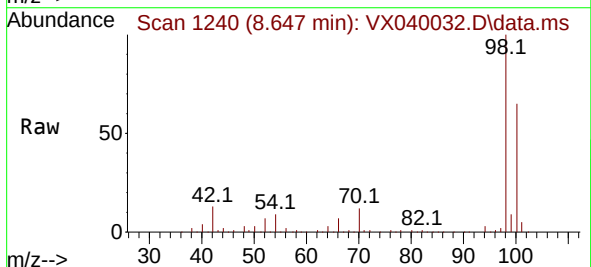
Manual Integrations
APPROVED

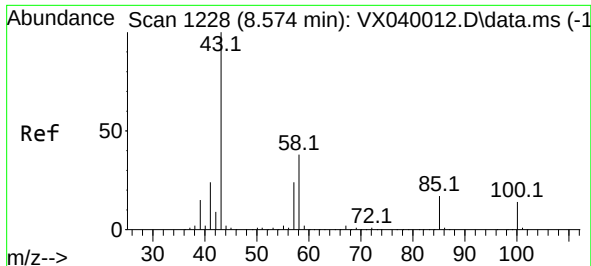
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#50
Toluene-d8
Concen: 52.768 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

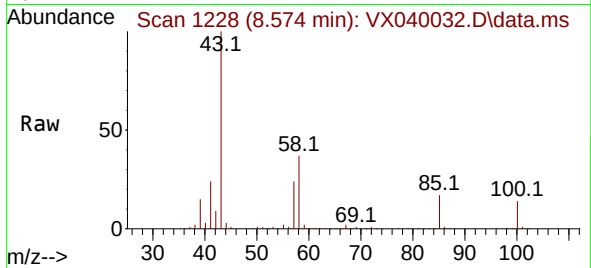
Tgt Ion: 98 Resp: 194134
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 282.852 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

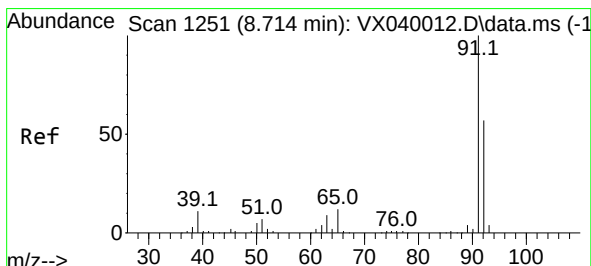
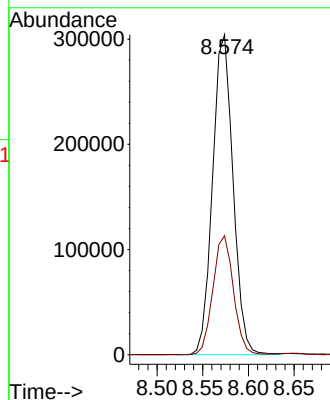
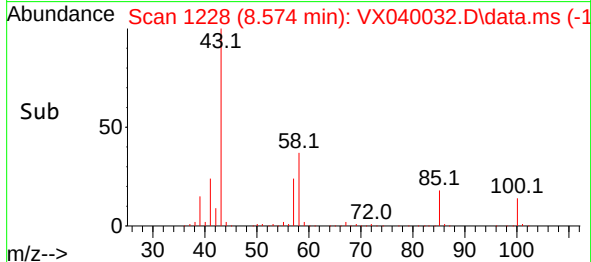
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



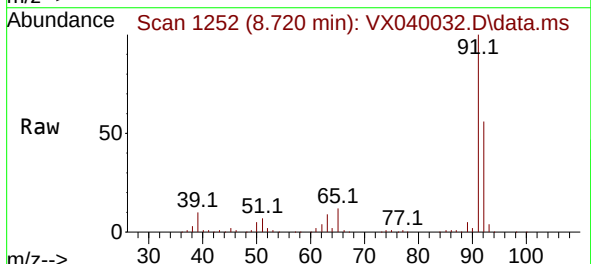
Tgt Ion: 43 Resp: 473119
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

Manual Integrations
APPROVED

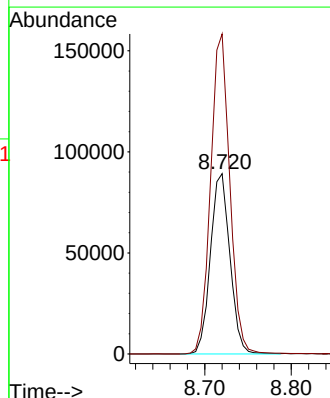
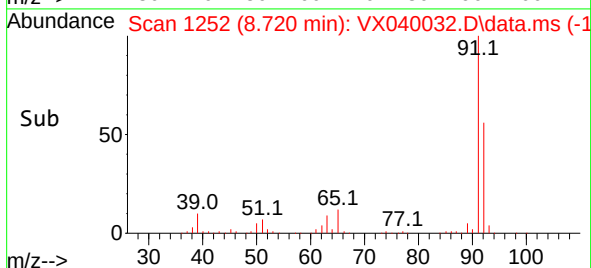
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

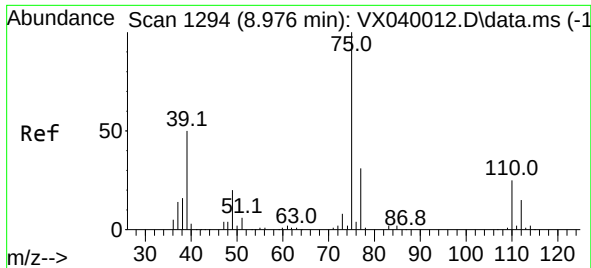


#52
Toluene
Concen: 53.971 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



Tgt Ion: 92 Resp: 139399
Ion Ratio Lower Upper
92 100
91 175.3 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 54.607 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX040032.D
 Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

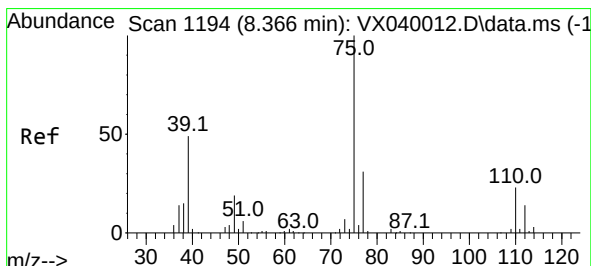
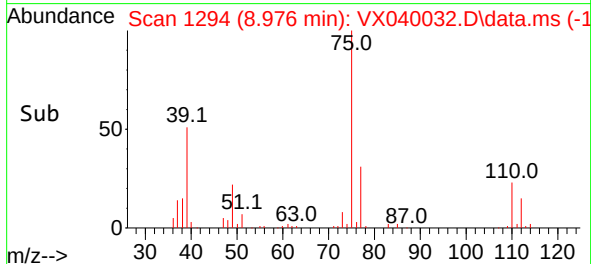
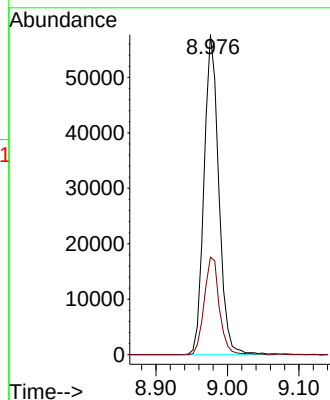
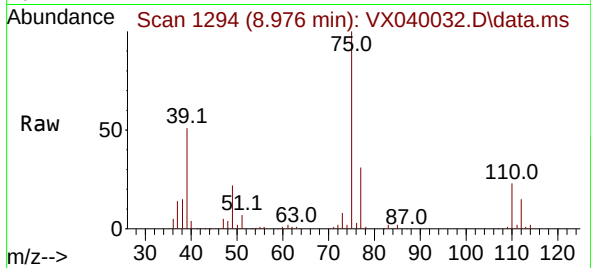
VSTDCCC050EC

Tgt Ion: 75 Resp: 82839
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5

Manual Integrations

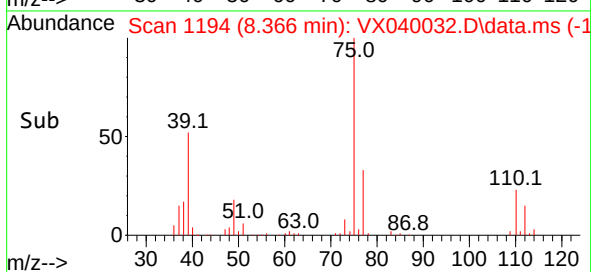
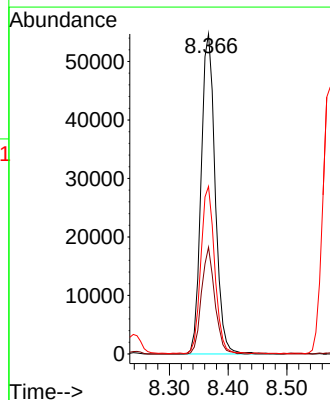
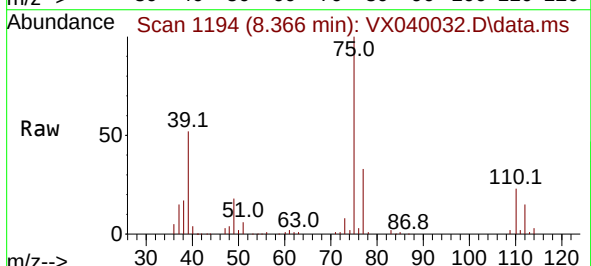
APPROVED

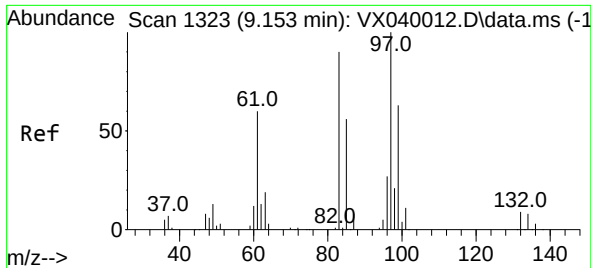
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#54
 cis-1,3-Dichloropropene
 Concen: 56.014 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040032.D
 Acq: 30 Jan 2024 20:15

Tgt Ion: 75 Resp: 90670
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.3 37.9
 39 52.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 54.356 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

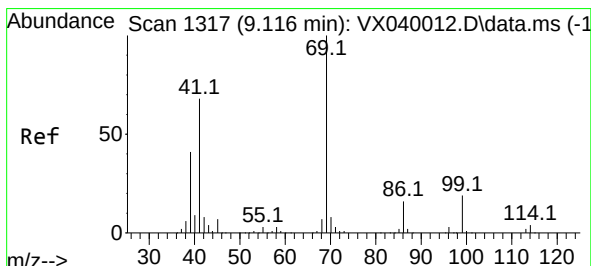
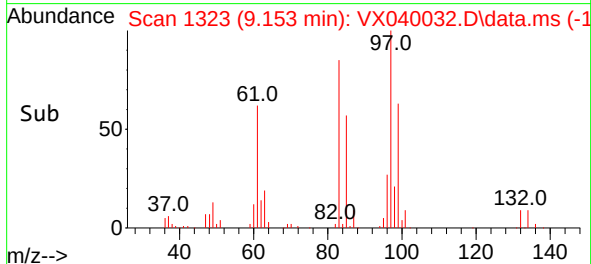
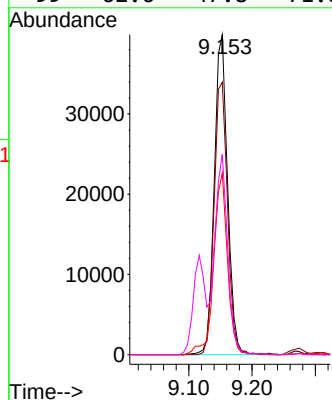
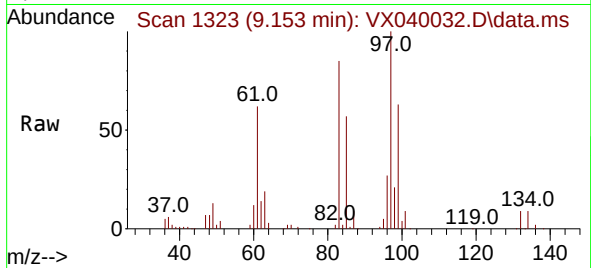
VSTDCCC050EC

Tgt Ion: 97 Resp: 5811
Ion Ratio Lower Upper
97 100
83 85.2 65.8 98.8
85 56.7 41.6 62.4
99 62.6 47.8 71.8

Manual Integrations

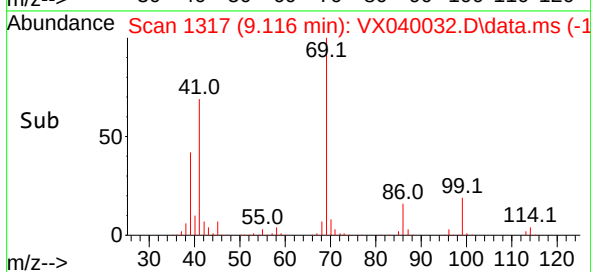
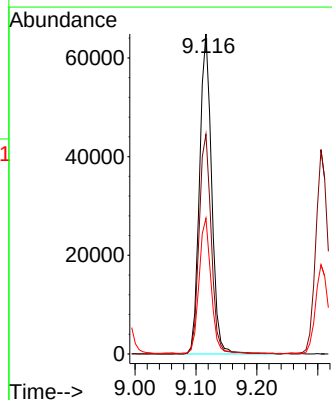
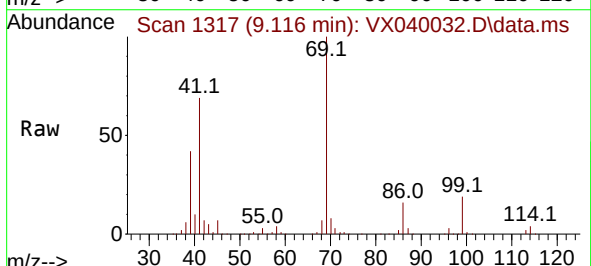
APPROVED

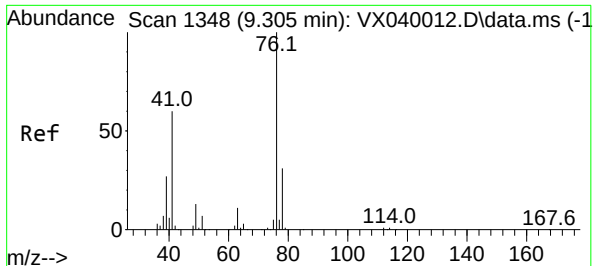
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#56
Ethyl methacrylate
Concen: 57.410 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 69 Resp: 89628
Ion Ratio Lower Upper
69 100
41 68.9 56.8 85.2
39 42.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.879 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9664

Ion Ratio Lower Upper

76 100

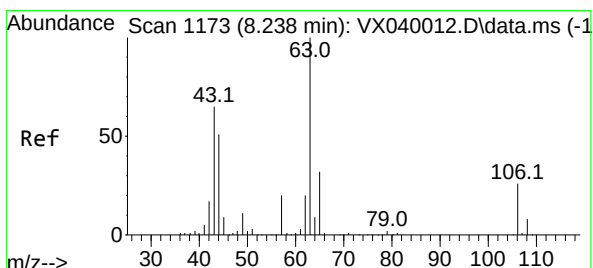
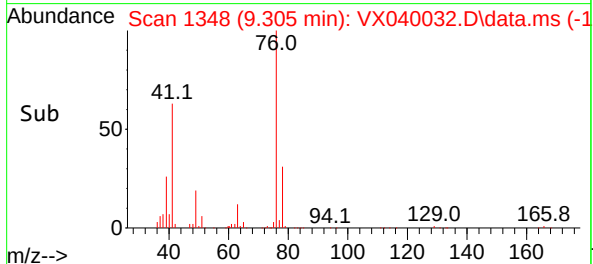
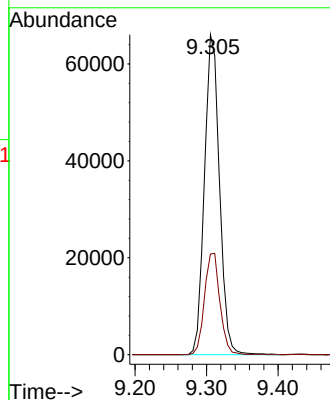
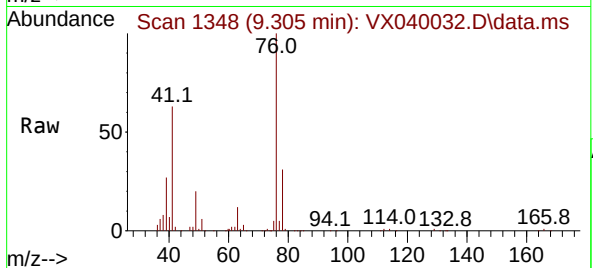
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 299.168 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040032.D

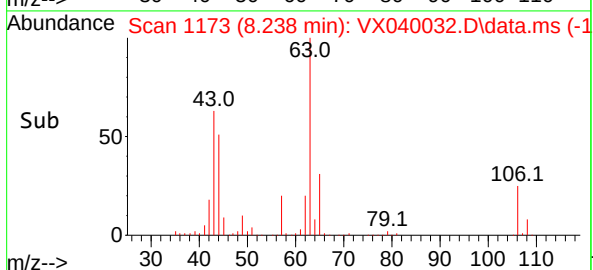
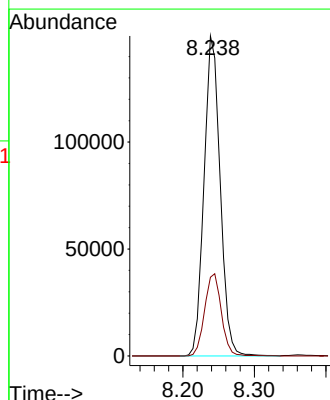
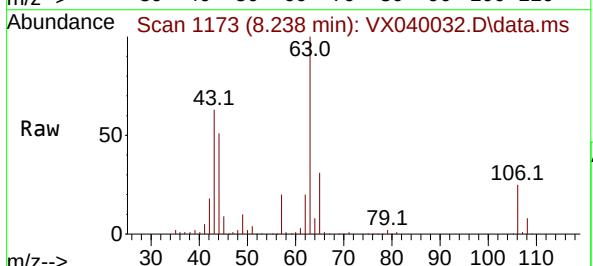
Acq: 30 Jan 2024 20:15

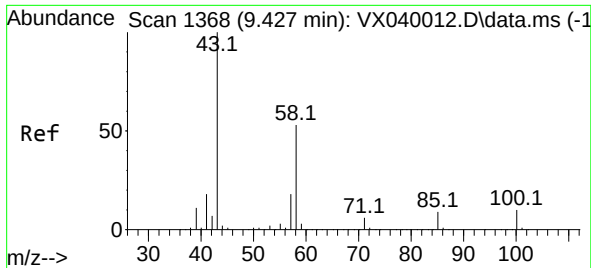
Tgt Ion: 63 Resp: 234866

Ion Ratio Lower Upper

63 100

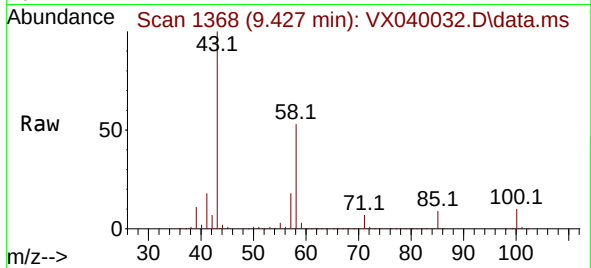
106 26.5 22.5 33.7





#59
2-Hexanone
Concen: 279.298 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

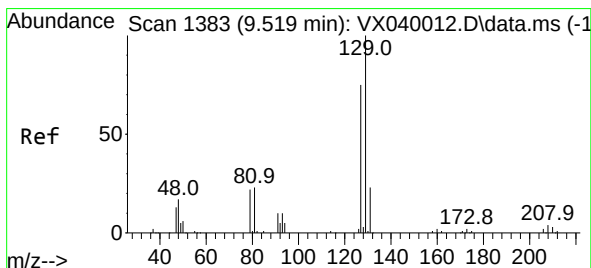
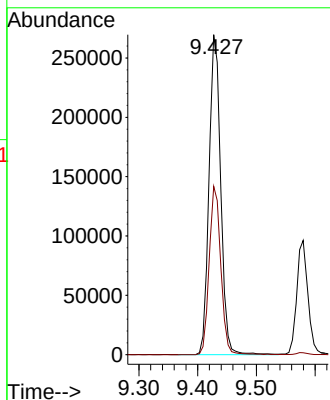
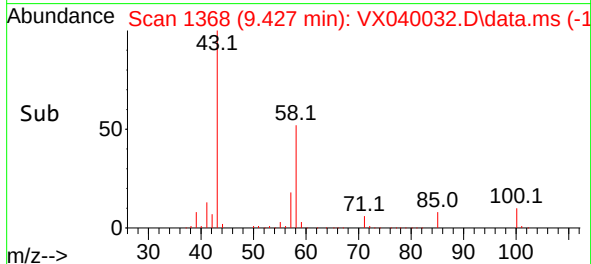
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 37248
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5

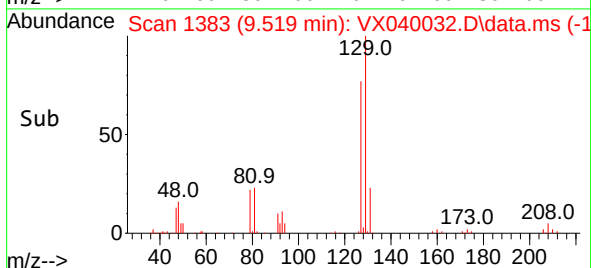
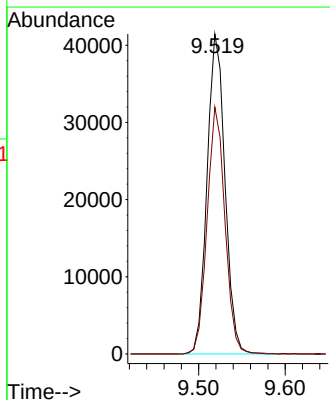
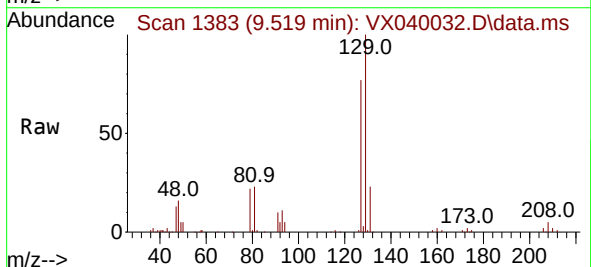
Manual Integrations
APPROVED

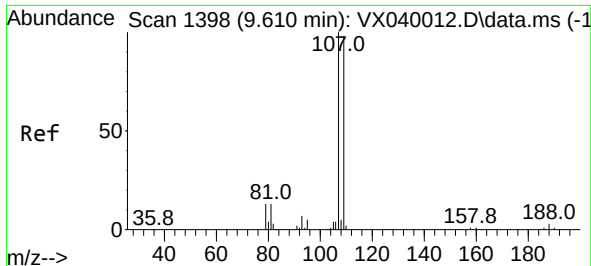
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#60
Dibromochloromethane
Concen: 55.430 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion:129 Resp: 59545
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.077 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

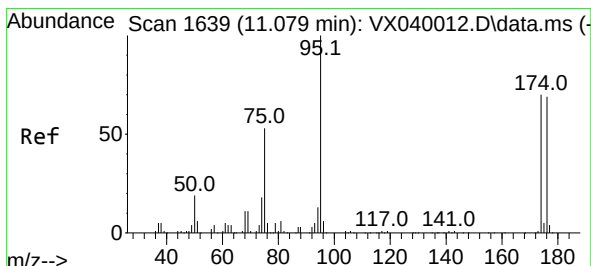
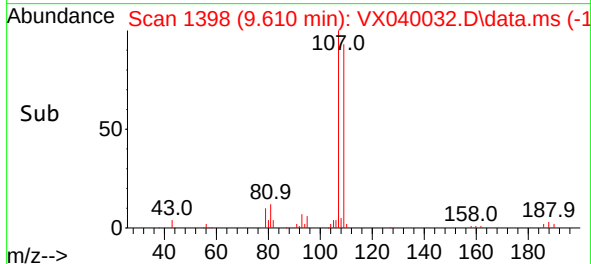
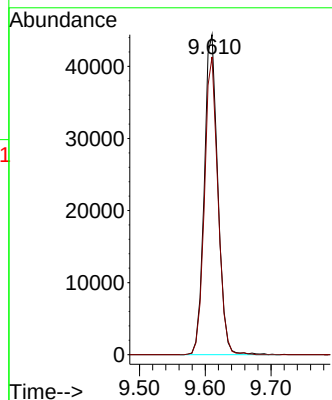
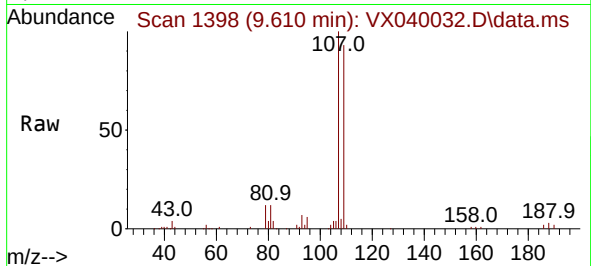
VSTDCCC050EC

Tgt Ion:107 Resp: 63660
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8

Manual Integrations

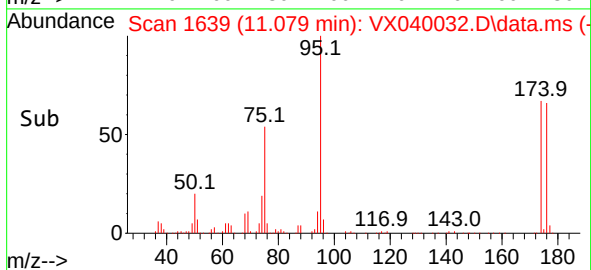
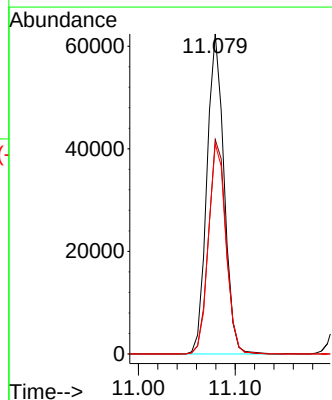
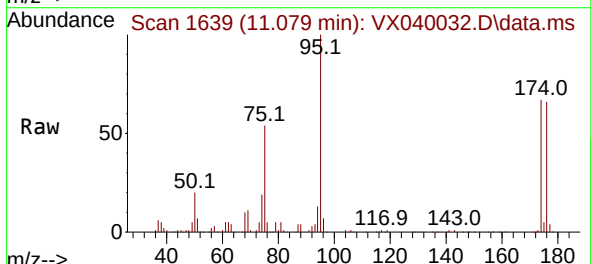
APPROVED

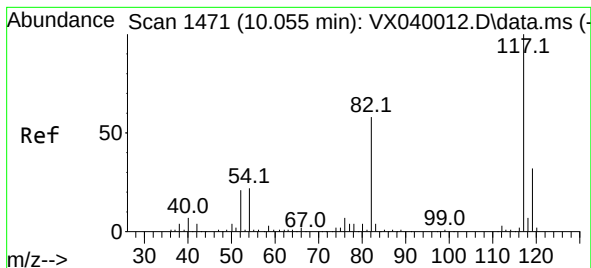
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#62
4-Bromofluorobenzene
Concen: 54.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

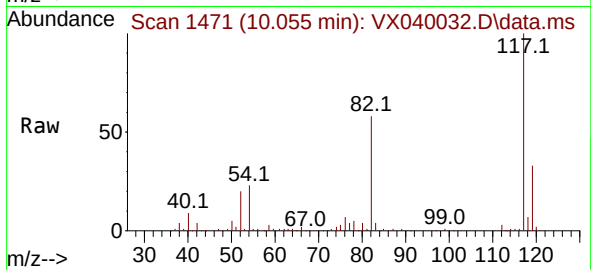
Tgt Ion: 95 Resp: 76958
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 66.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

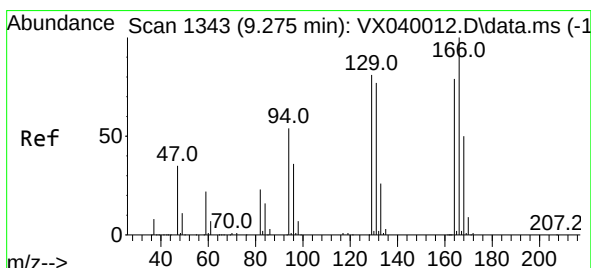
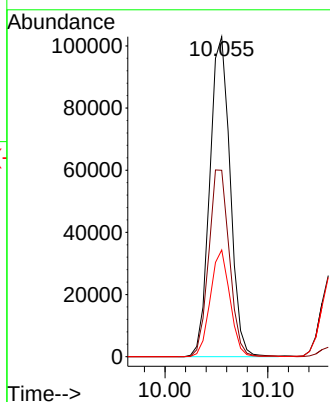
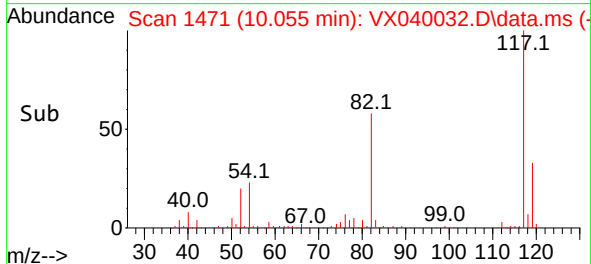
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 14142
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 33.4 25.5 38.3

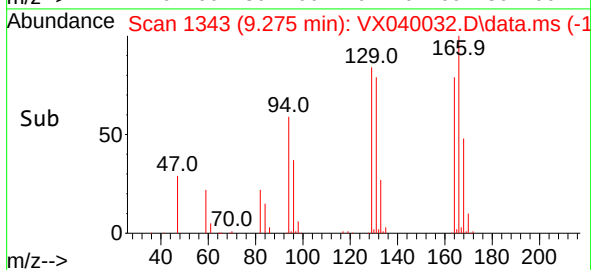
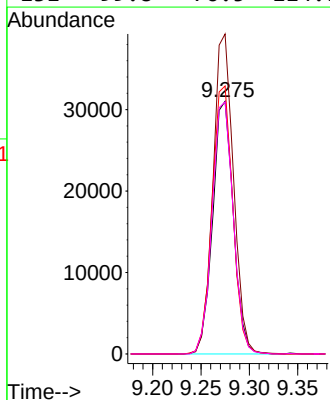
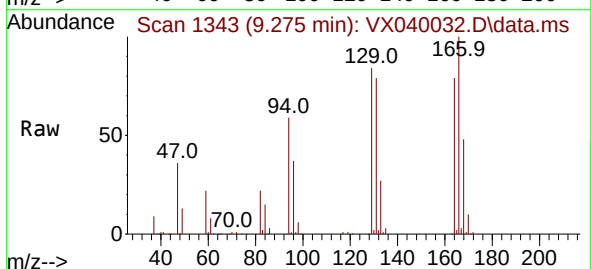
Manual Integrations
APPROVED

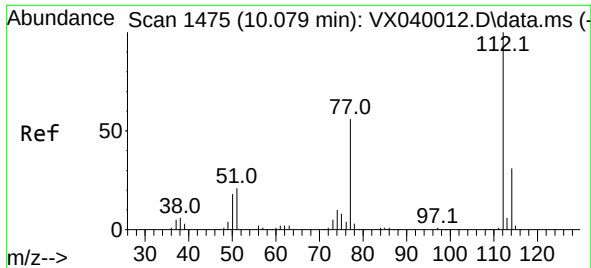
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#64
Tetrachloroethene
Concen: 49.980 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion:164 Resp: 45991
Ion Ratio Lower Upper
164 100
166 126.7 102.7 154.1
129 106.1 80.4 120.6
131 99.8 76.5 114.7





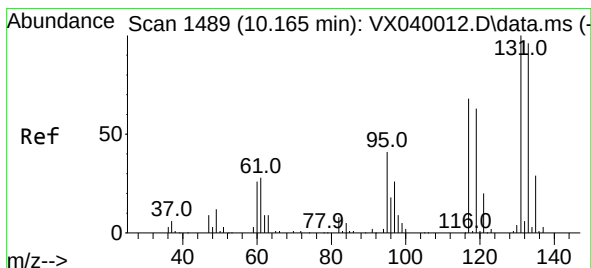
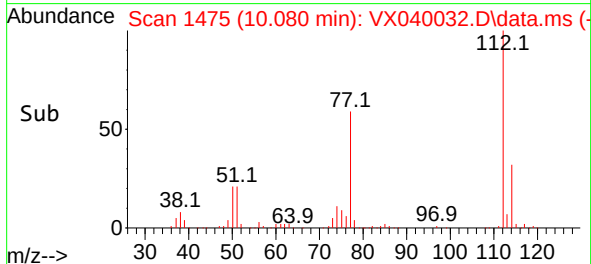
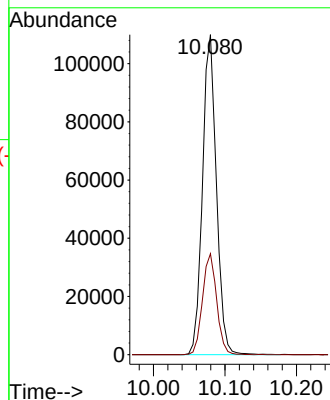
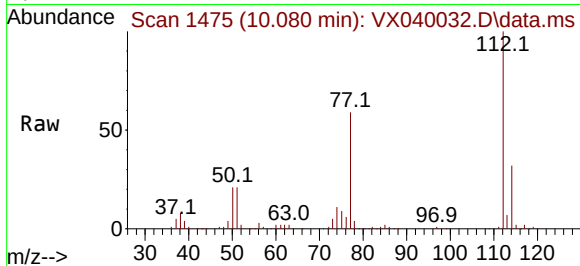
#65
Chlorobenzene
Concen: 50.762 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 14838
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

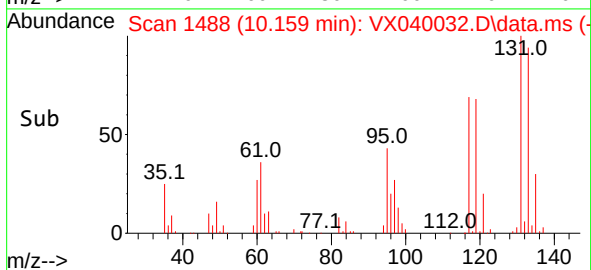
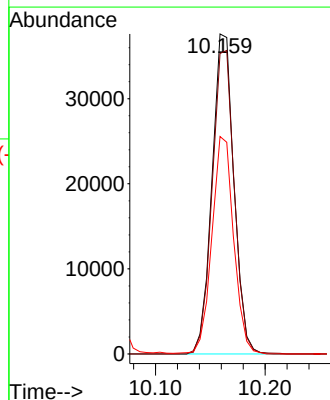
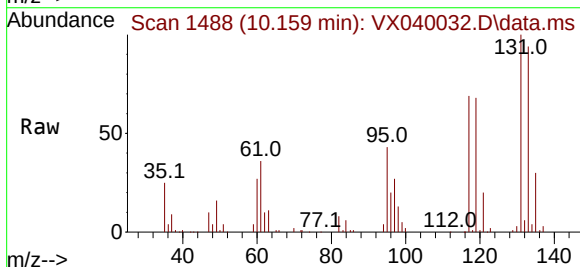
Manual Integrations
APPROVED

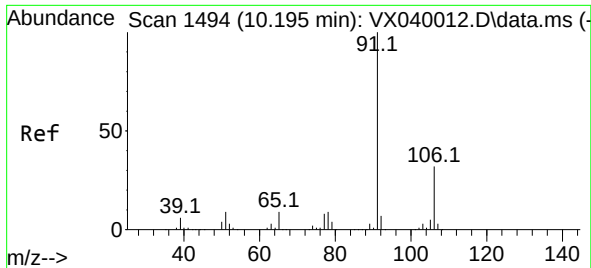
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.855 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

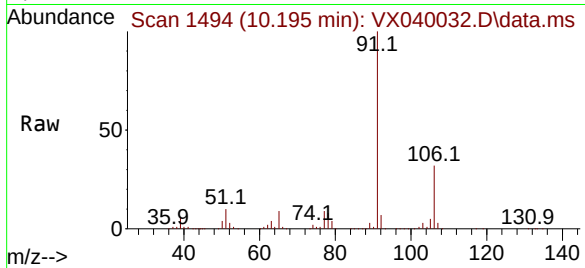
Tgt Ion:131 Resp: 52178
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 67.6 32.2 96.6





#67
Ethyl Benzene
Concen: 52.920 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

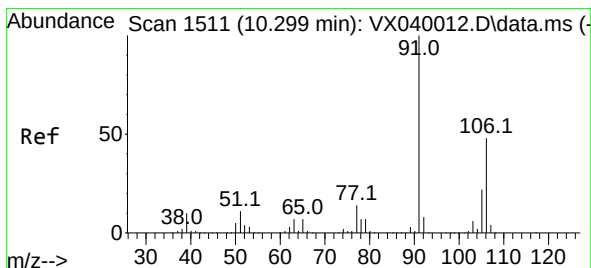
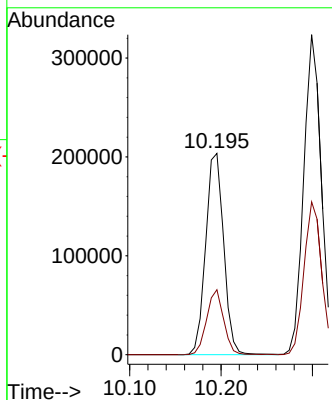
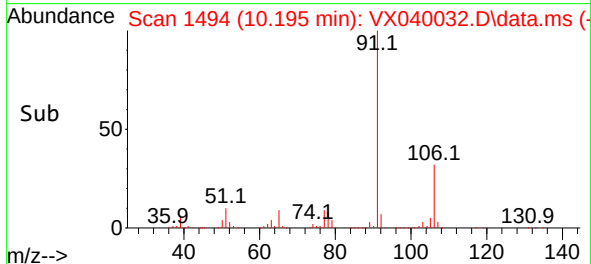
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



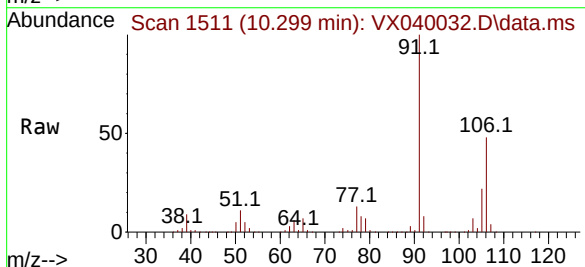
Tgt Ion: 91 Resp: 277552
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

Manual Integrations
APPROVED

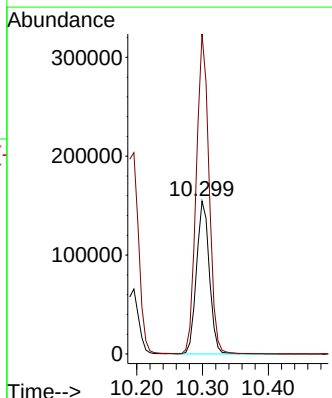
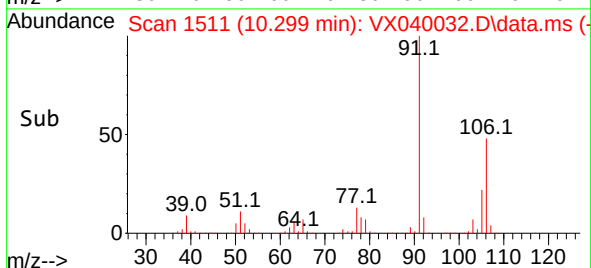
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

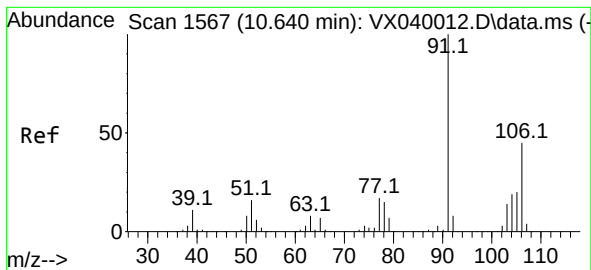


#68
m/p-Xylenes
Concen: 106.230 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



Tgt Ion:106 Resp: 209604
Ion Ratio Lower Upper
106 100
91 207.8 165.5 248.3





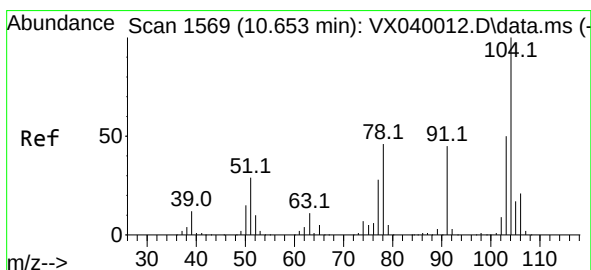
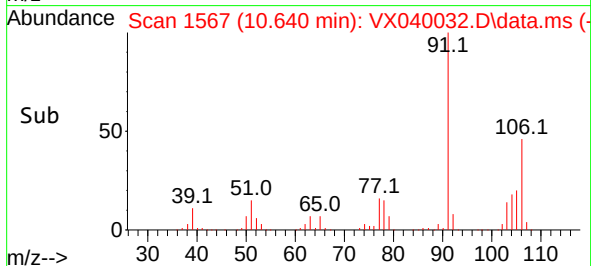
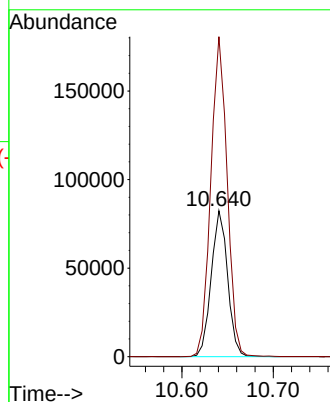
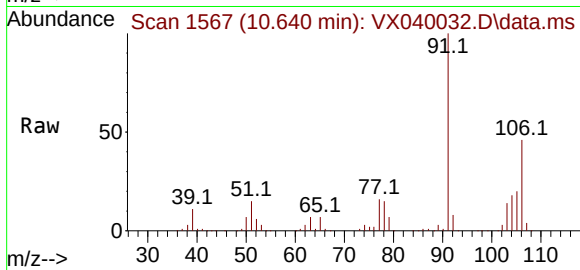
#69
o-Xylene
Concen: 54.779 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 102520
Ion Ratio Lower Upper
106 100
91 219.0 108.9 326.8

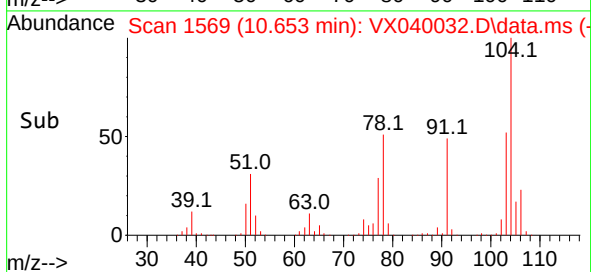
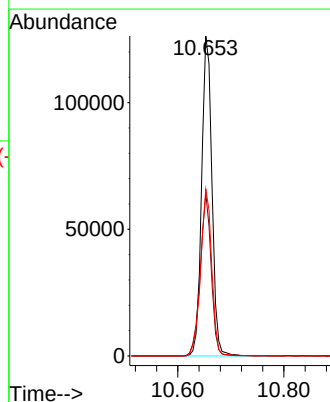
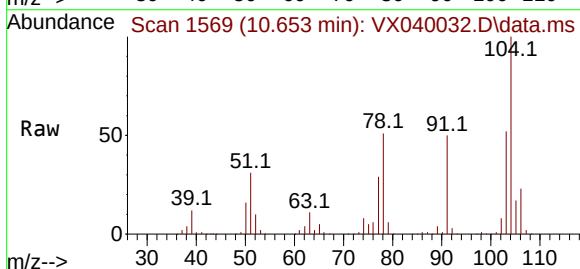
Manual Integrations
APPROVED

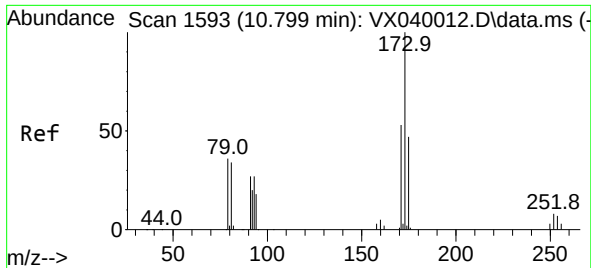
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#70
Styrene
Concen: 54.379 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

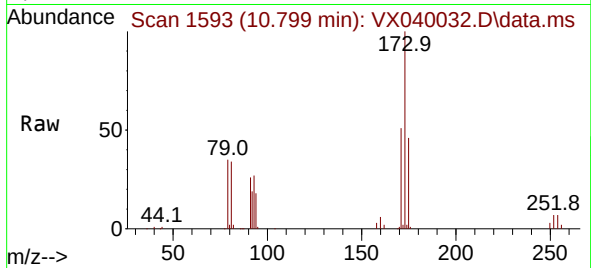
Tgt Ion:104 Resp: 171538
Ion Ratio Lower Upper
104 100
78 53.6 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 51.883 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

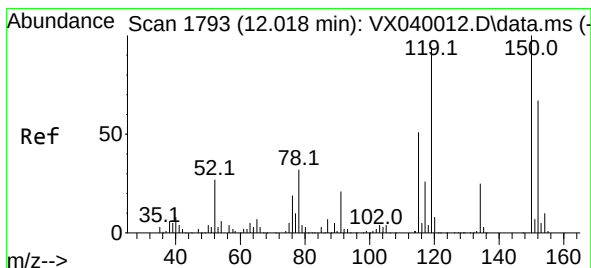
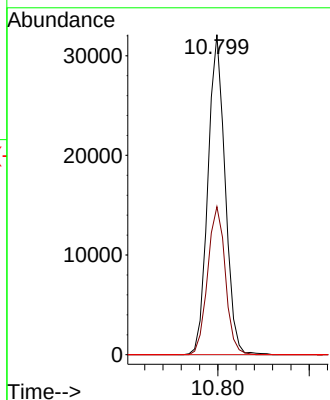
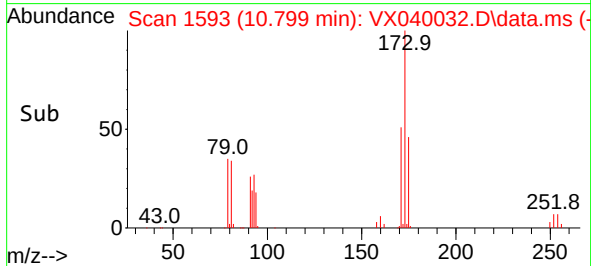
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 4168
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.0 0.0

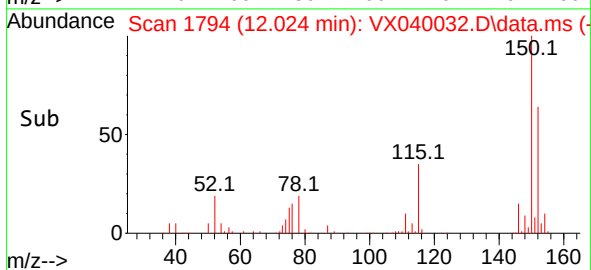
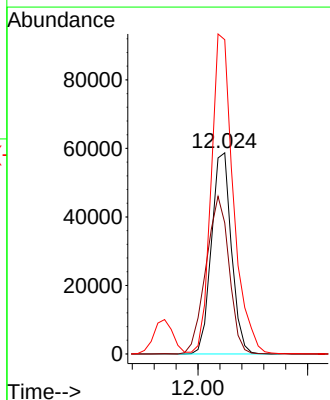
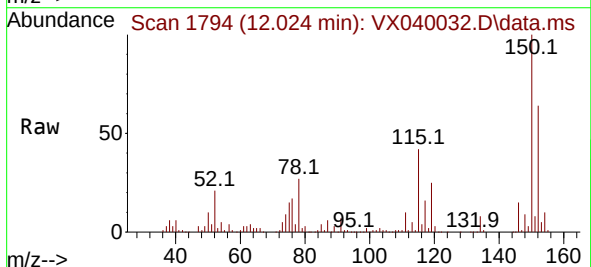
Manual Integrations
APPROVED

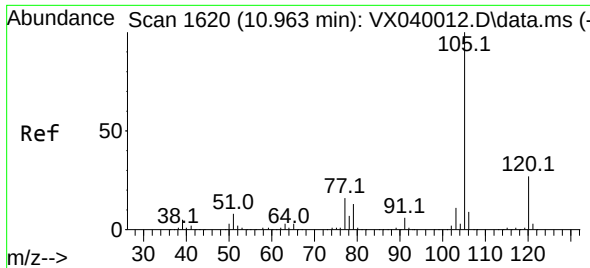
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion:152 Resp: 74224
Ion Ratio Lower Upper
152 100
115 90.7 43.3 129.9
150 176.9 0.0 345.0





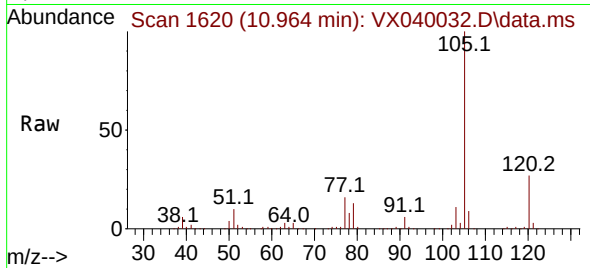
#73
Isopropylbenzene
Concen: 50.527 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



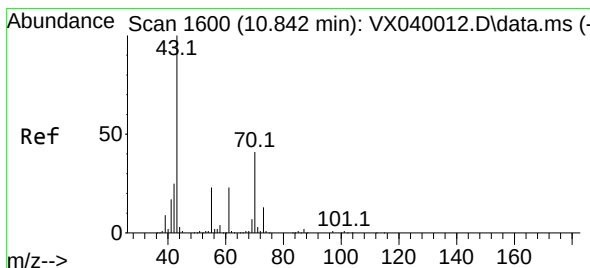
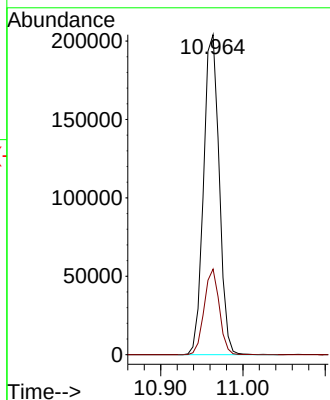
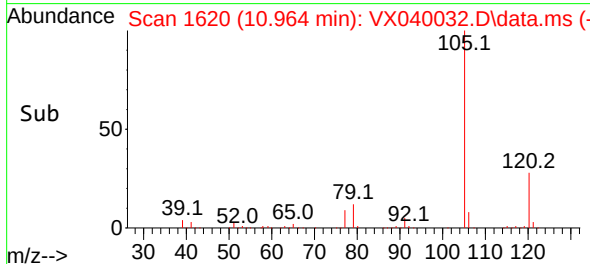
Tgt Ion:105 Resp: 269300
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

Manual Integrations

APPROVED

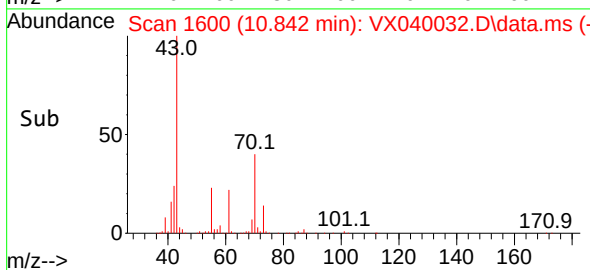
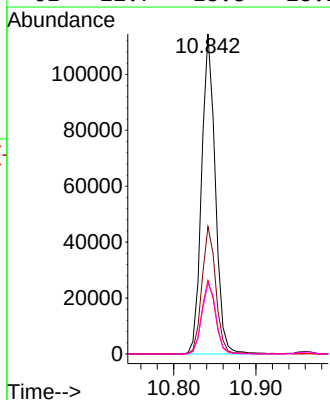
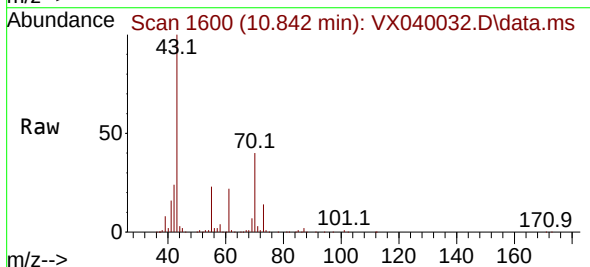
Reviewed By :John Carlone 01/31/2024

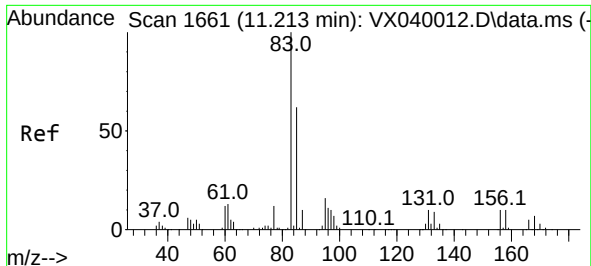
Supervised By :Semsettin Yesilyurt 01/31/2024



#74
N-ethyl acetate
Concen: 52.019 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

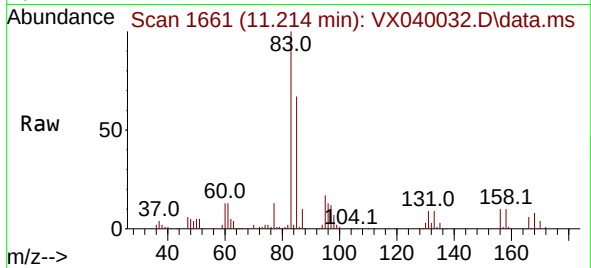
Tgt Ion: 43 Resp: 132342
Ion Ratio Lower Upper
43 100
70 40.2 32.9 49.3
55 23.1 19.3 28.9
61 22.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.928 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

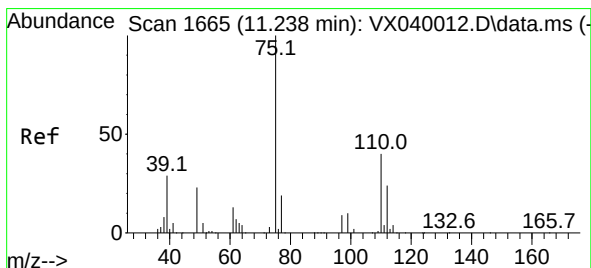
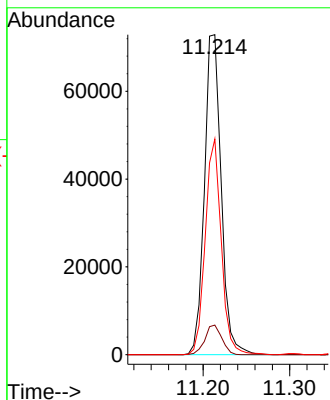
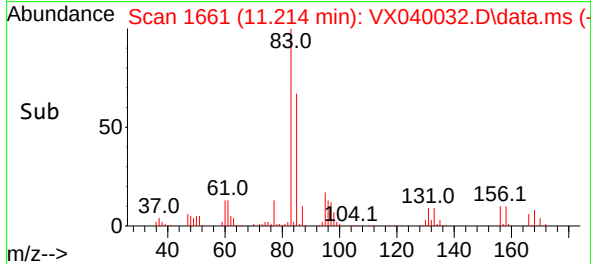
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



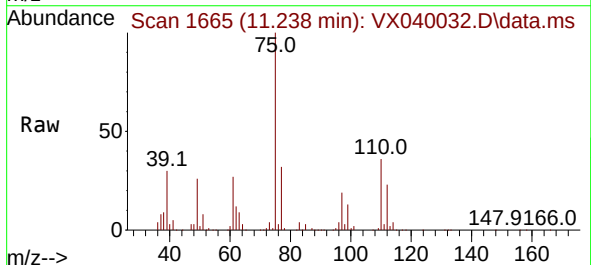
Tgt Ion: 83 Resp: 98044
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

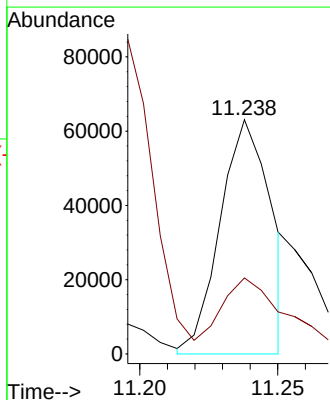
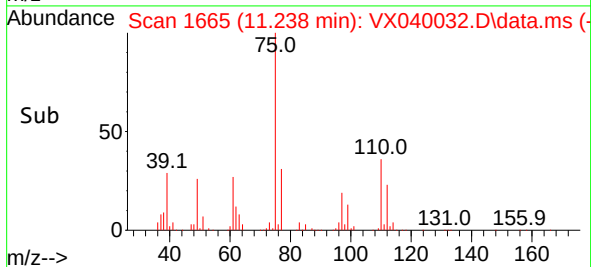
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

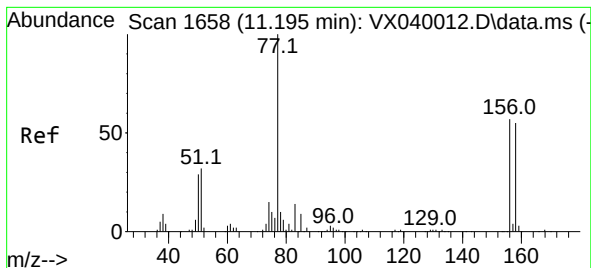


#76
1,2,3-Trichloropropane
Concen: 51.176 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



Tgt Ion: 75 Resp: 80889
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





#77

Bromobenzene

Concen: 48.859 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

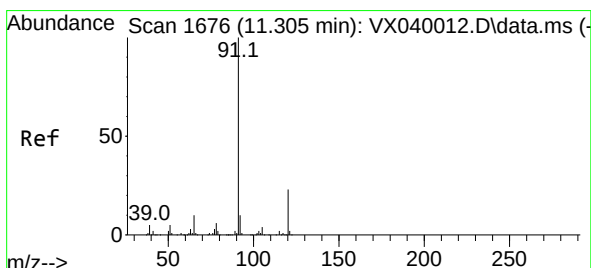
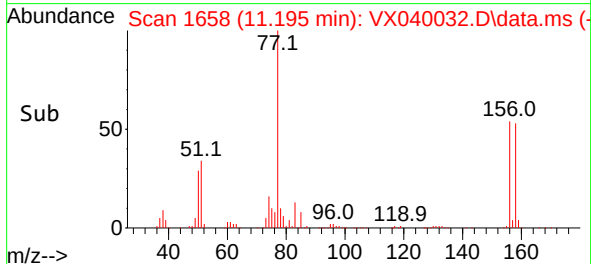
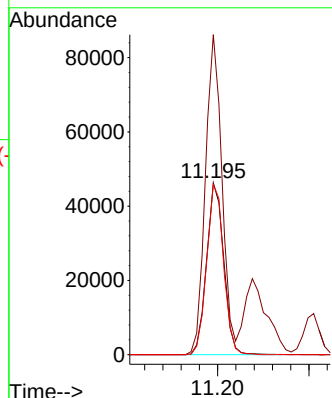
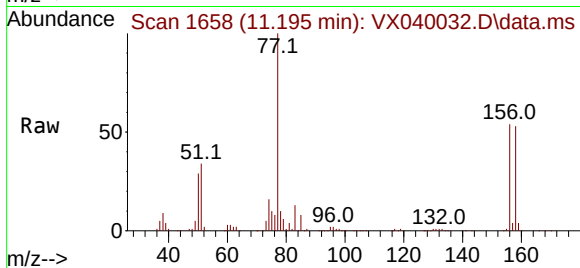
Tgt Ion:	156	Resp:	6007
Ion Ratio	Lower	Upper	
156	100		
77	179.9	88.4	265.3
158	98.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#78

n-propylbenzene

Concen: 50.381 ug/l

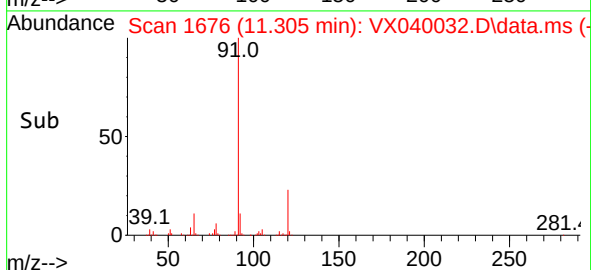
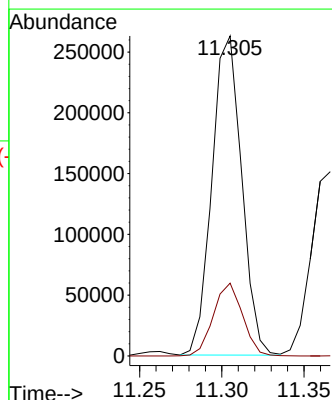
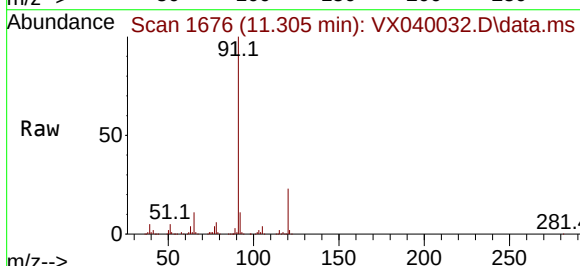
RT: 11.305 min Scan# 1676

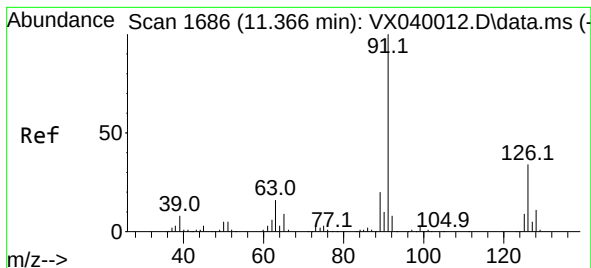
Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

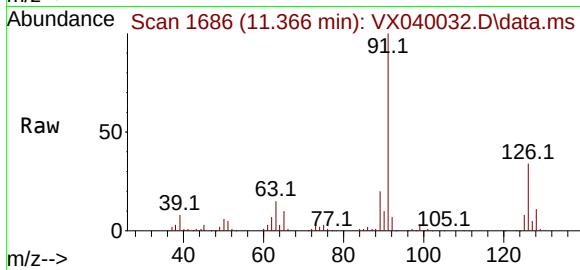
Tgt Ion:	91	Resp:	330438
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 48.965 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

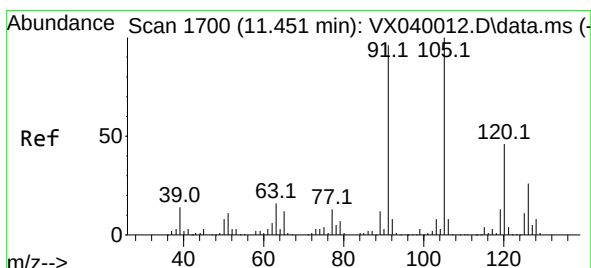
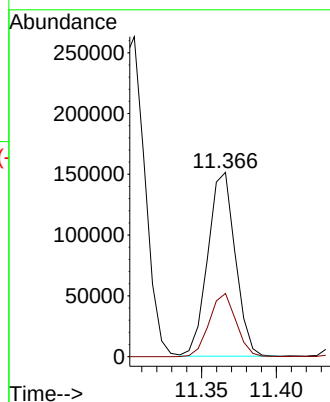
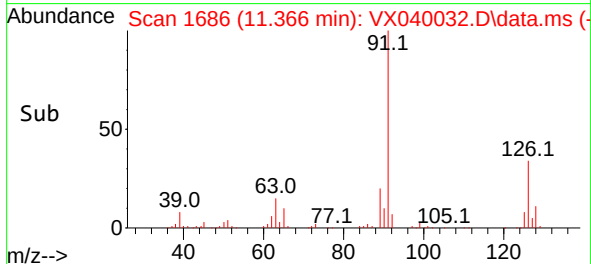
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



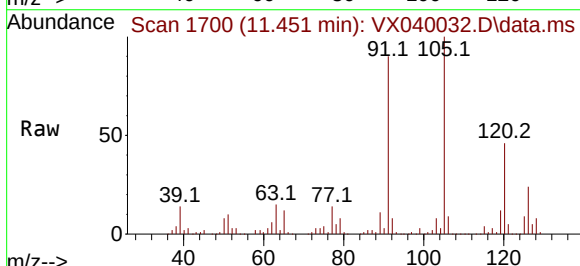
Tgt Ion: 91 Resp: 19334
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

Manual Integrations
APPROVED

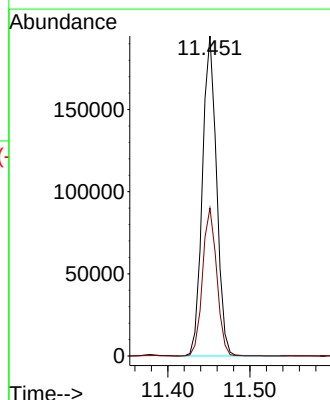
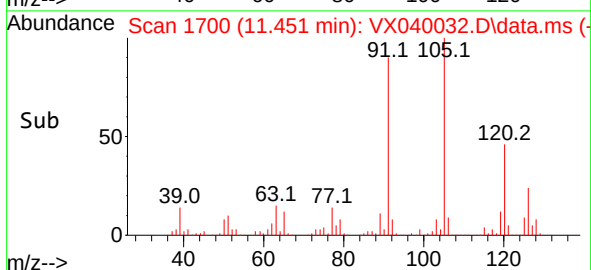
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

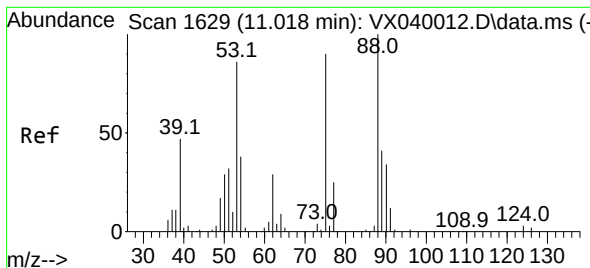


#80
1,3,5-Trimethylbenzene
Concen: 50.910 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



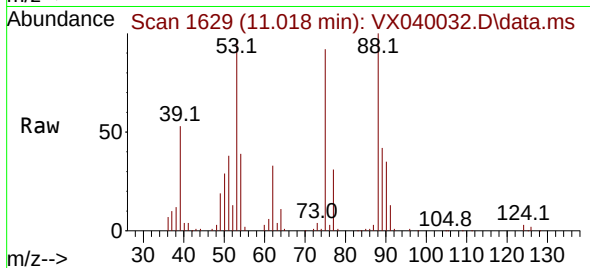
Tgt Ion:105 Resp: 233252
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.491 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

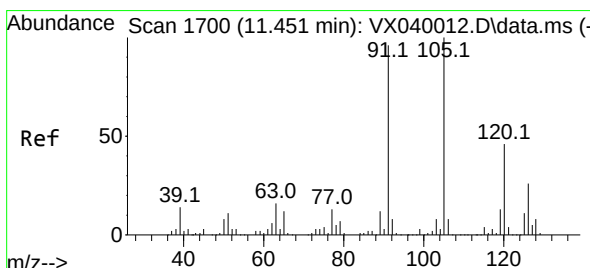
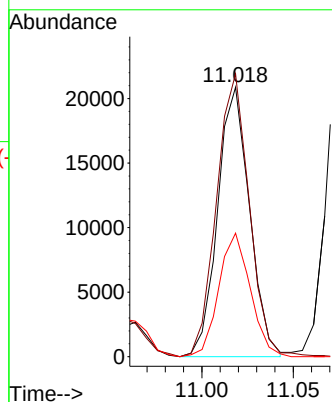
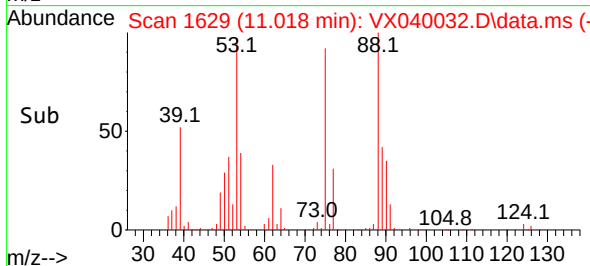
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 25334
Ion Ratio Lower Upper
75 100
53 107.7 90.5 135.7
89 45.3 36.9 55.3

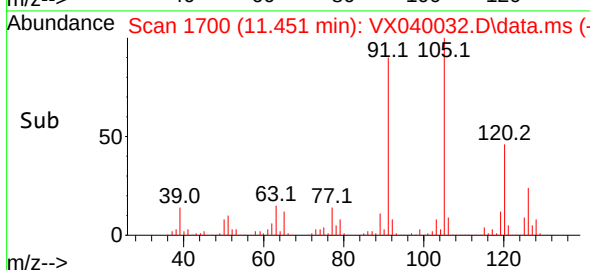
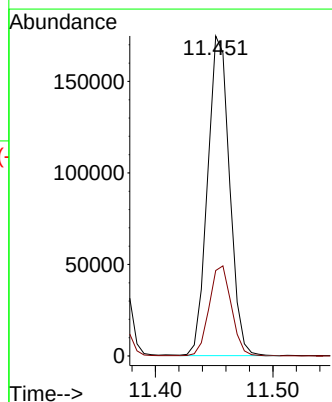
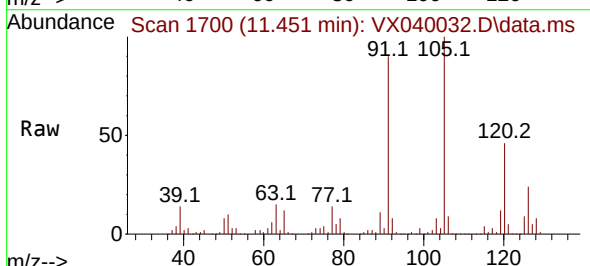
Manual Integrations
APPROVED

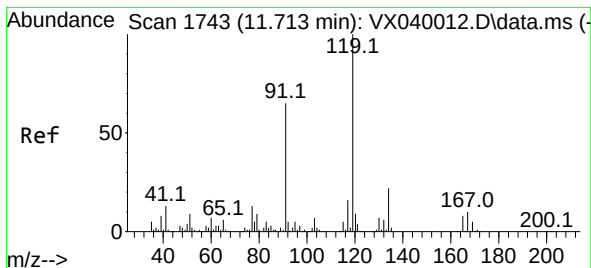
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#82
4-Chlorotoluene
Concen: 49.976 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

Tgt Ion: 91 Resp: 226485
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.335 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 22068

Ion Ratio Lower Upper

119 100

91 64.1 31.2 93.6

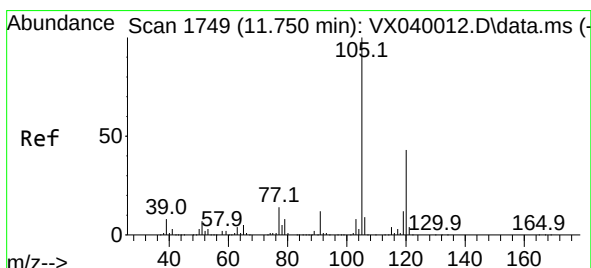
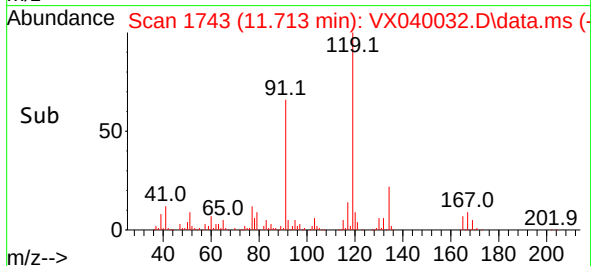
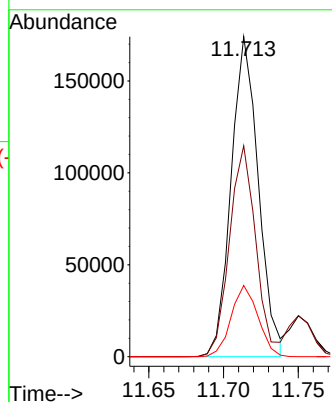
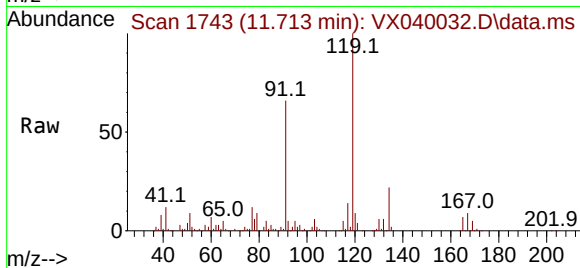
134 22.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.701 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040032.D

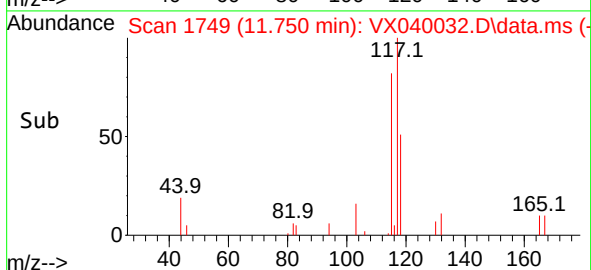
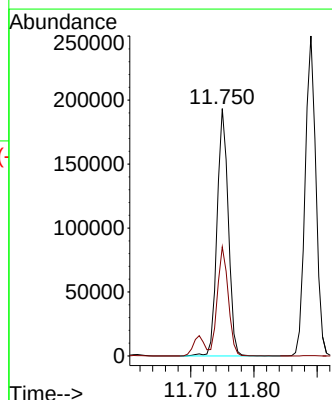
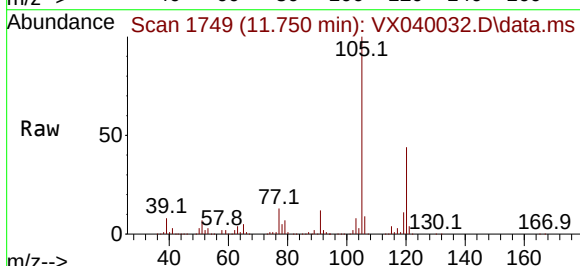
Acq: 30 Jan 2024 20:15

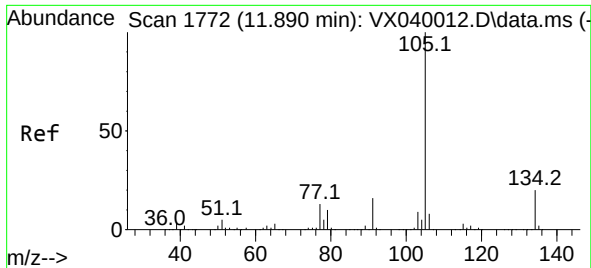
Tgt Ion:105 Resp: 236368

Ion Ratio Lower Upper

105 100

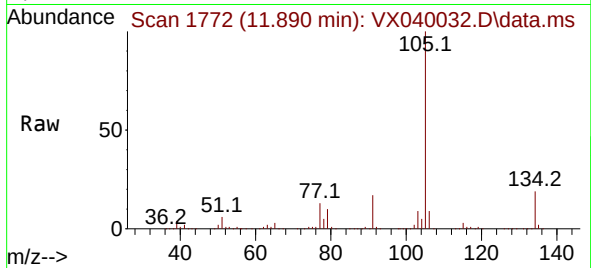
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.308 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040032.D
 Acq: 30 Jan 2024 20:15

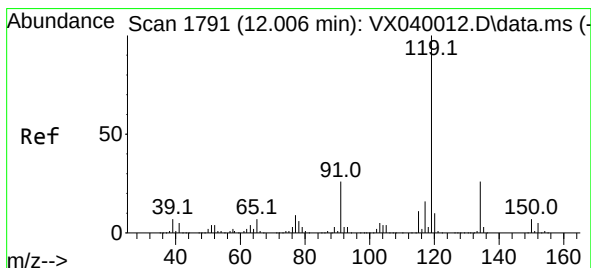
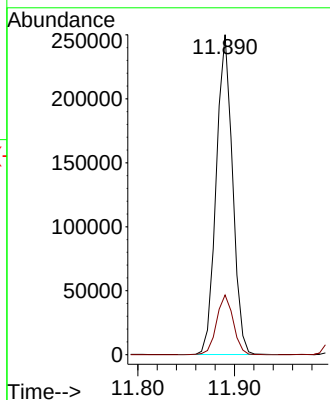
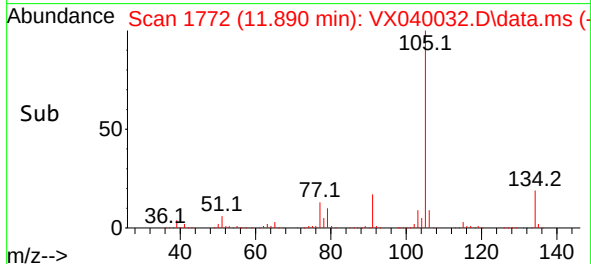
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



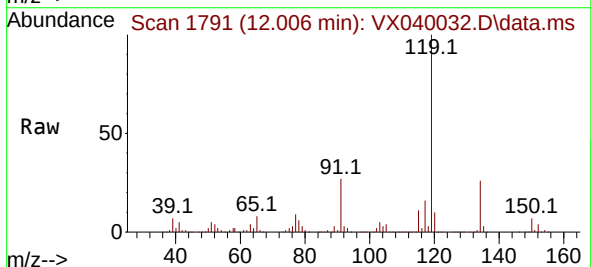
Tgt Ion:105 Resp: 292218
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

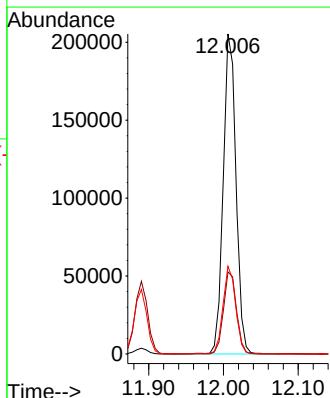
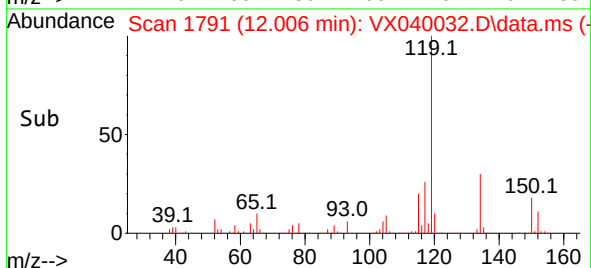
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

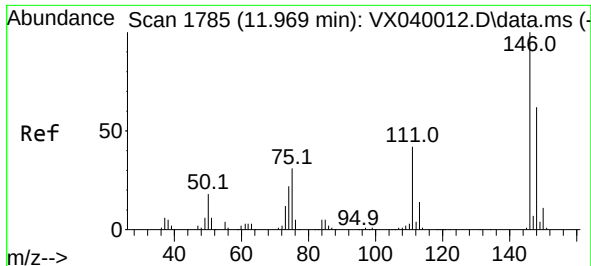


#86
 p-Isopropyltoluene
 Concen: 51.454 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040032.D
 Acq: 30 Jan 2024 20:15



Tgt Ion:119 Resp: 244056
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.242 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 12461

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.1

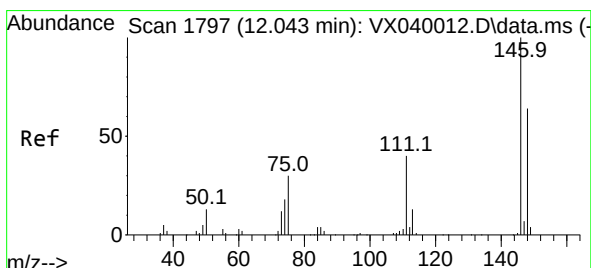
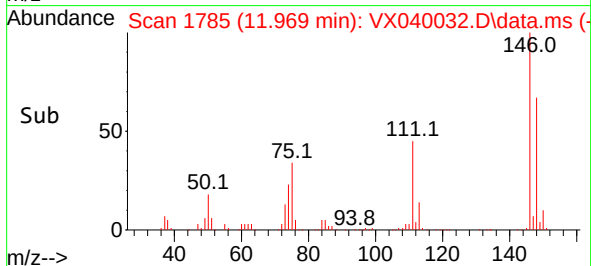
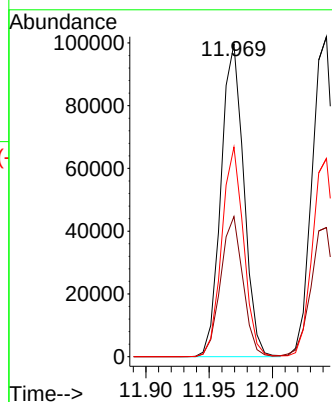
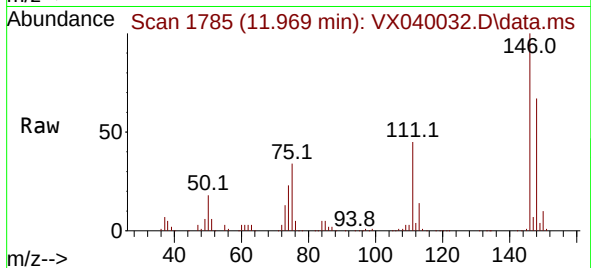
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#88

1,4-Dichlorobenzene

Concen: 50.648 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

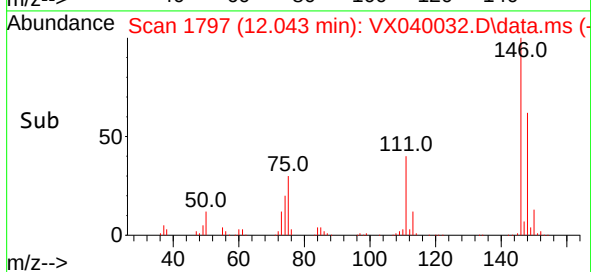
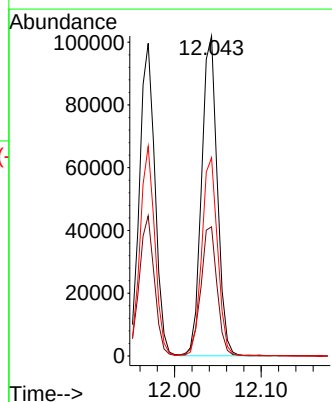
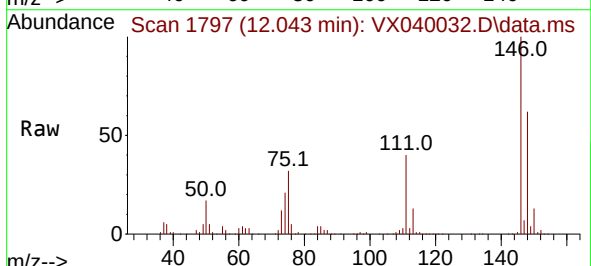
Tgt Ion:146 Resp: 128591

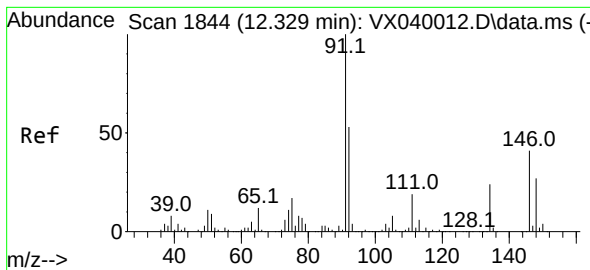
Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.7

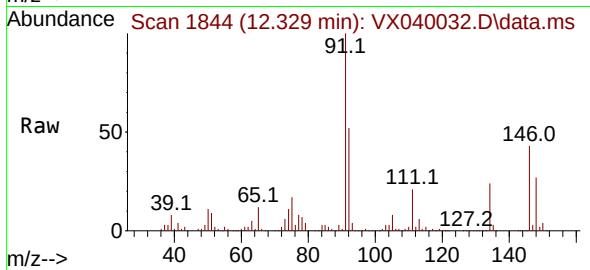
148 62.3 31.8 95.4





#89
n-Butylbenzene
Concen: 51.300 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

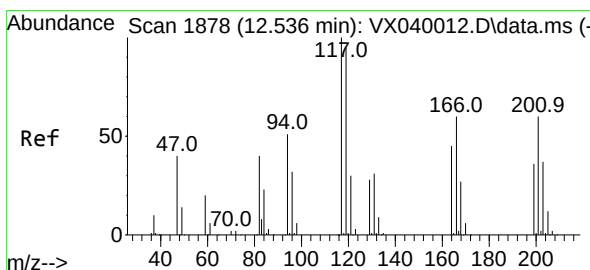
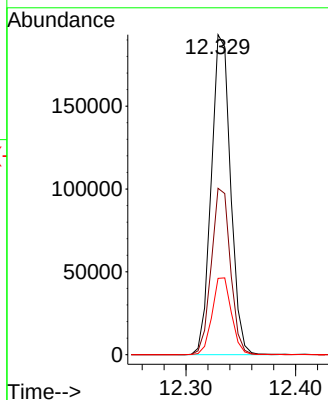
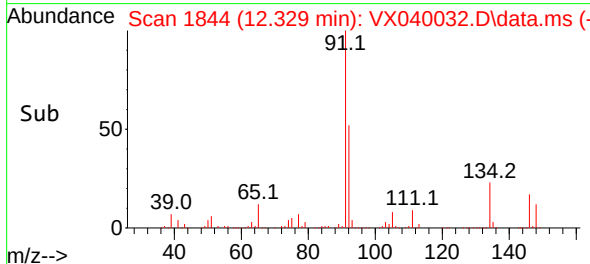
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 23617
Ion Ratio Lower Upper
91 100
92 51.6 27.4 82.0
134 24.0 12.6 37.8

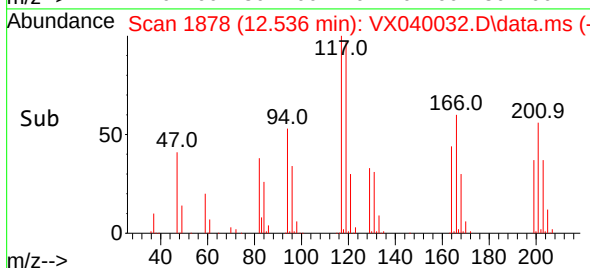
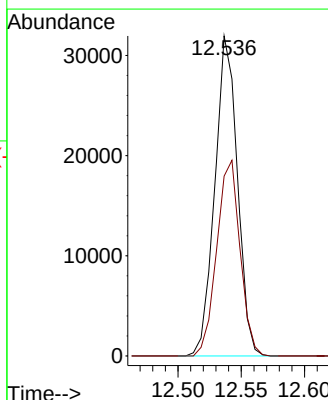
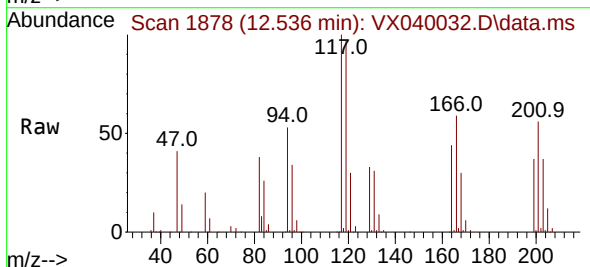
Manual Integrations
APPROVED

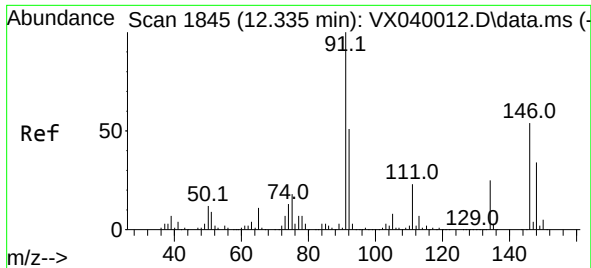
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#90
Hexachloroethane
Concen: 50.964 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

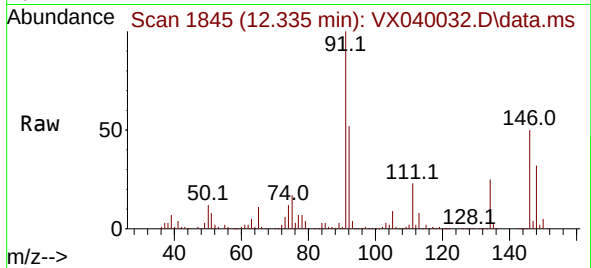
Tgt Ion:117 Resp: 39564
Ion Ratio Lower Upper
117 100
201 63.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.730 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

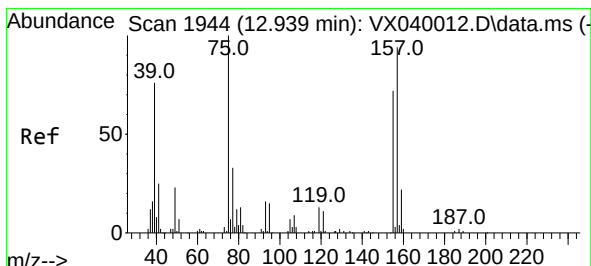
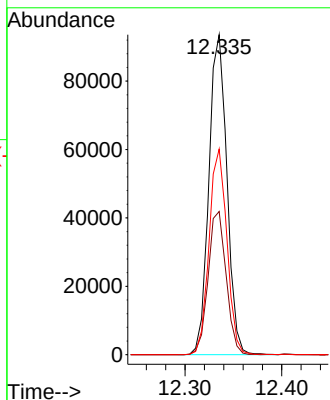
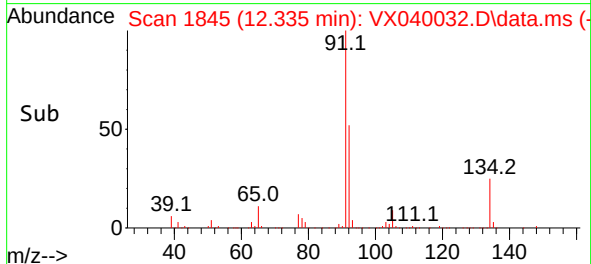
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



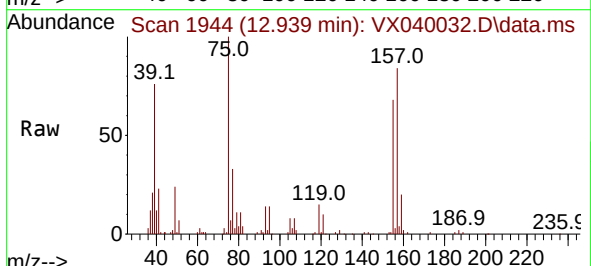
Tgt Ion:146 Resp: 121318
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.6 31.6 95.0

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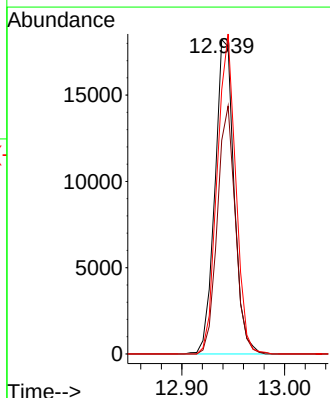
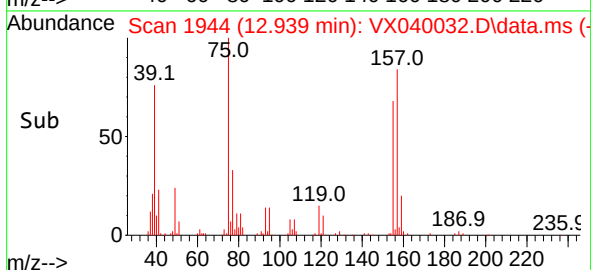
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

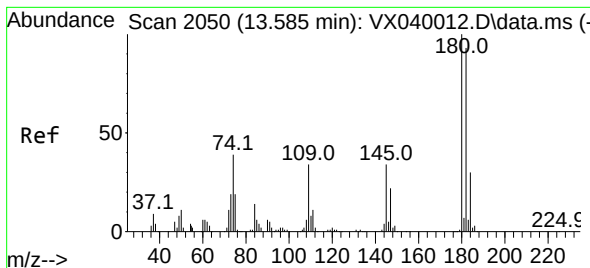


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.899 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



Tgt Ion: 75 Resp: 23574
Ion Ratio Lower Upper
75 100
155 73.9 36.1 108.5
157 98.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.215 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

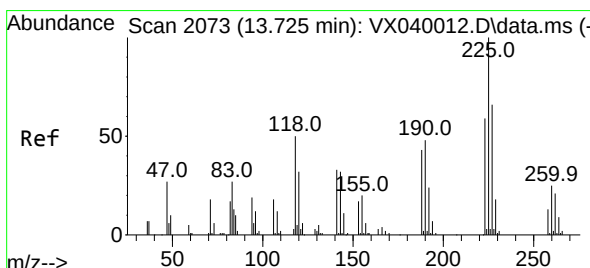
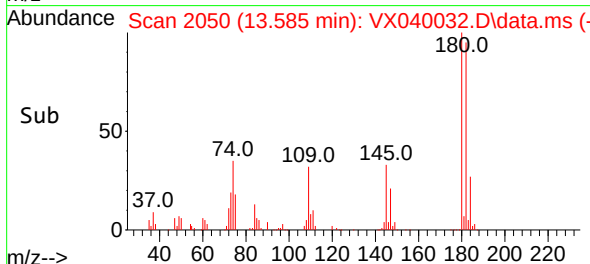
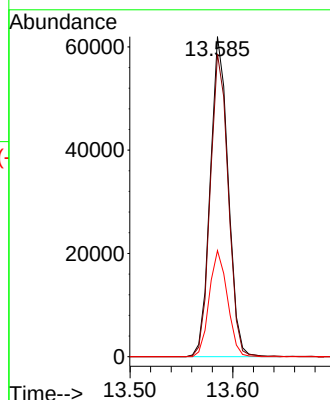
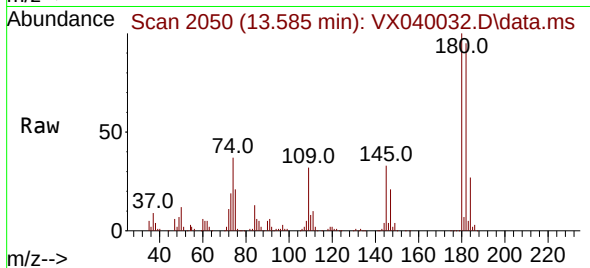
Tgt Ion:180	Resp:	7506
Ion Ratio	Lower	Upper
180	100	
182	94.4	48.3 144.8
145	33.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#94

Hexachlorobutadiene

Concen: 46.257 ug/l

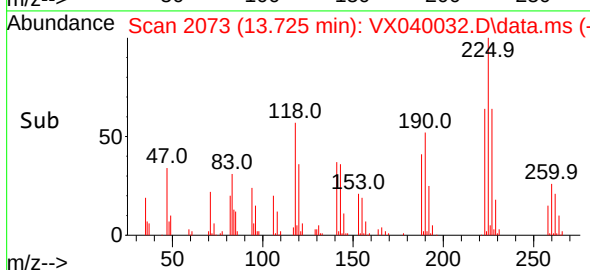
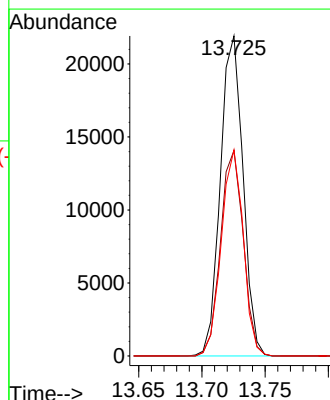
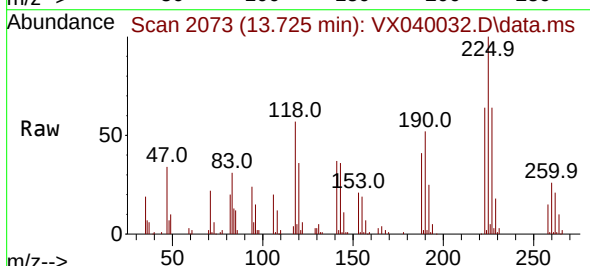
RT: 13.725 min Scan# 2073

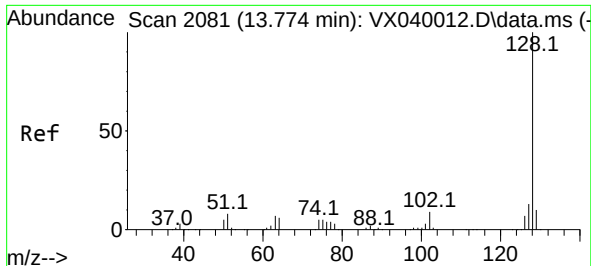
Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

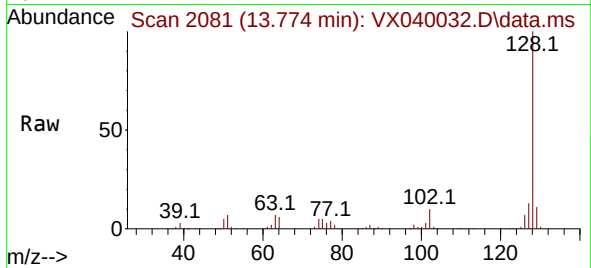
Tgt Ion:225	Resp:	27239
Ion Ratio	Lower	Upper
225	100	
223	64.5	31.1 93.2
227	62.6	32.5 97.5





#95
Naphthalene
Concen: 52.476 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15

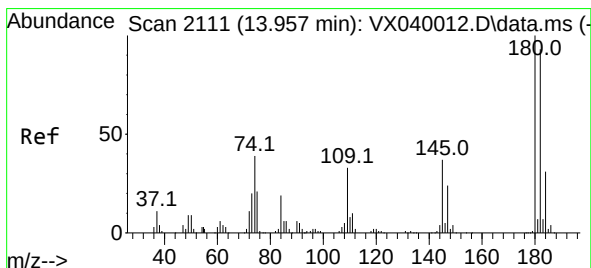
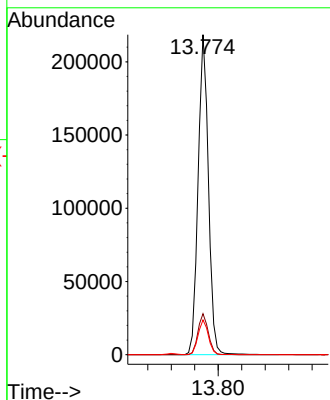
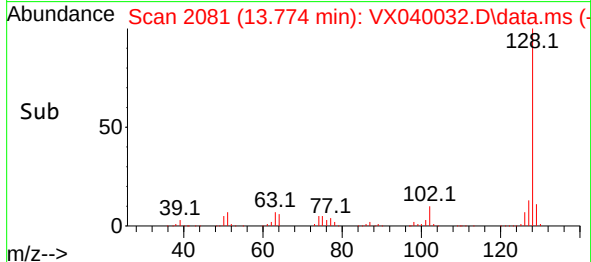
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



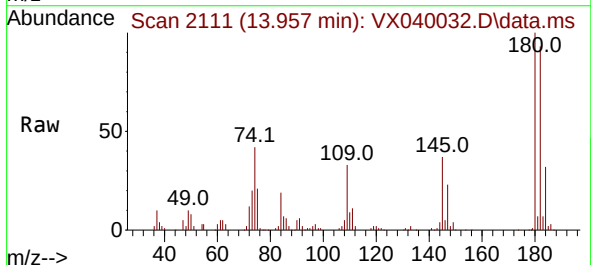
Tgt Ion:128 Resp: 26644
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.359 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX040032.D
Acq: 30 Jan 2024 20:15



Tgt Ion:180 Resp: 72956
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.6
145 35.2 17.8 53.5

