

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041664.D
 Acq On : 29 May 2024 10:19
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: May 30 07:25:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	183884	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	262147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40835	18.106	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.220%#		
35) Dibromofluoromethane	5.385	113	33137	18.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.560%#		
50) Toluene-d8	8.647	98	117572	18.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.120%#		
62) 4-Bromofluorobenzene	11.079	95	42818	18.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.640%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30529	18.895	ug/l	99
3) Chloromethane	1.301	50	33601	19.060	ug/l	99
4) Vinyl Chloride	1.374	62	35577	19.604	ug/l	96
5) Bromomethane	1.599	94	23781	18.816	ug/l	95
6) Chloroethane	1.666	64	21645	19.733	ug/l	98
7) Trichlorofluoromethane	1.868	101	59210	19.979	ug/l	98
8) Diethyl Ether	2.136	74	22142	19.386	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	33278	19.817	ug/l	89
10) Methyl Iodide	2.447	142	42683	20.383	ug/l	92
11) Tert butyl alcohol	3.002	59	39677	99.451	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	31642	19.304	ug/l	91
13) Acrolein	2.239	56	34994	94.183	ug/l	98
14) Allyl chloride	2.660	41	54079	20.054	ug/l	98
15) Acrylonitrile	3.069	53	98887	101.069	ug/l	99
16) Acetone	2.392	43	97885	97.149	ug/l	95
17) Carbon Disulfide	2.502	76	67719	18.675	ug/l	98
18) Methyl Acetate	2.709	43	42749	19.852	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	108300	19.748	ug/l	100
20) Methylene Chloride	2.788	84	37507	18.584	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	33249	19.550	ug/l	92
22) Diisopropyl ether	3.764	45	110551	20.060	ug/l	95
23) Vinyl Acetate	3.721	43	504071	101.812	ug/l	96
24) 1,1-Dichloroethane	3.605	63	62022	19.903	ug/l	98
25) 2-Butanone	4.562	43	143749	102.555	ug/l	95
26) 2,2-Dichloropropane	4.471	77	50151	19.615	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	40524	19.934	ug/l	92
28) Bromochloromethane	4.898	49	26048	19.408	ug/l	# 83
29) Tetrahydrofuran	5.013	42	88821	100.479	ug/l	96
30) Chloroform	5.099	83	65914	20.146	ug/l	100
31) Cyclohexane	5.464	56	52421	19.688	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	56959	19.866	ug/l	98
36) 1,1-Dichloropropene	5.690	75	43341	19.749	ug/l	97
37) Ethyl Acetate	4.721	43	55603	20.076	ug/l	99
38) Carbon Tetrachloride	5.672	117	49336	19.787	ug/l	99
39) Methylcyclohexane	7.373	83	53926	20.001	ug/l	94
40) Benzene	6.038	78	138445	20.182	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29074	21.464	ug/l	96
42) 1,2-Dichloroethane	6.080	62	51714	20.194	ug/l	95
43) Isopropyl Acetate	6.342	43	81871	19.579	ug/l	99
44) Trichloroethene	7.129	130	36878	19.767	ug/l	89
45) 1,2-Dichloropropane	7.434	63	33318	20.428	ug/l	98
46) Dibromomethane	7.580	93	25278	20.207	ug/l #	80
47) Bromodichloromethane	7.824	83	46388	20.027	ug/l	98
48) Methyl methacrylate	7.696	41	41276	20.554	ug/l	96
49) 1,4-Dioxane	7.665	88	17864	407.141	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	282559	104.204	ug/l	100
52) Toluene	8.720	92	88604	20.353	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	45160	19.807	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	50718	20.108	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	35544	20.254	ug/l	97
56) Ethyl methacrylate	9.116	69	54386	20.304	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59173	20.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	131025	103.902	ug/l	95
59) 2-Hexanone	9.433	43	220087	106.460	ug/l	99
60) Dibromochloromethane	9.519	129	38742	19.901	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38121	20.582	ug/l	100
64) Tetrachloroethene	9.269	164	36344	20.332	ug/l	93
65) Chlorobenzene	10.080	112	101912	19.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	35417	19.941	ug/l	98
67) Ethyl Benzene	10.195	91	167510	20.535	ug/l	98
68) m/p-Xylenes	10.299	106	133325	41.085	ug/l	96
69) o-Xylene	10.640	106	66306	20.539	ug/l	95
70) Styrene	10.653	104	109957	20.622	ug/l	96
71) Bromoform	10.799	173	30169	19.504	ug/l #	99
73) Isopropylbenzene	10.964	105	170920	20.843	ug/l	99
74) N-amyl acetate	10.842	43	73714	20.292	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	58117	19.970	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47588m	20.256	ug/l	
77) Bromobenzene	11.195	156	48793	20.158	ug/l	80
78) n-propylbenzene	11.305	91	188688	20.955	ug/l	98
79) 2-Chlorotoluene	11.366	91	118165	20.417	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	142747	20.849	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15116	17.861	ug/l	93
82) 4-Chlorotoluene	11.451	91	136851	20.784	ug/l	94
83) tert-Butylbenzene	11.713	119	149395	20.256	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	146091	21.060	ug/l	95
85) sec-Butylbenzene	11.890	105	174558	20.645	ug/l	96
86) p-Isopropyltoluene	12.006	119	154073	20.777	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	87064	20.140	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	88280	19.811	ug/l	96
89) n-Butylbenzene	12.329	91	119393	20.338	ug/l	97
90) Hexachloroethane	12.536	117	24185	19.175	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	89549	20.337	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12120	20.615	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	57171	19.700	ug/l	96
94) Hexachlorobutadiene	13.725	225	28546	19.854	ug/l	98
95) Naphthalene	13.774	128	173126	20.216	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60485	20.251	ug/l	96

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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 30 07:15:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

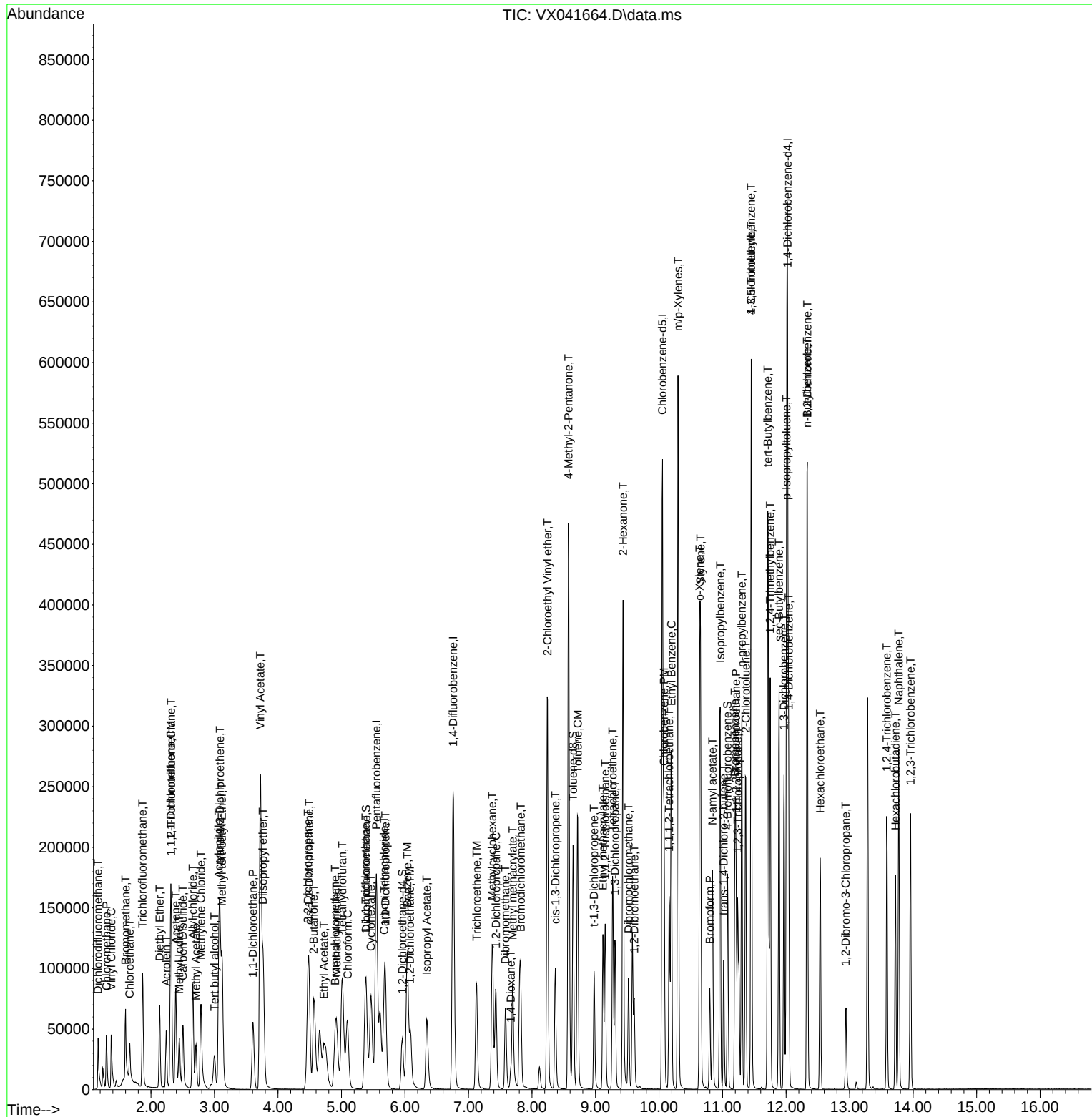
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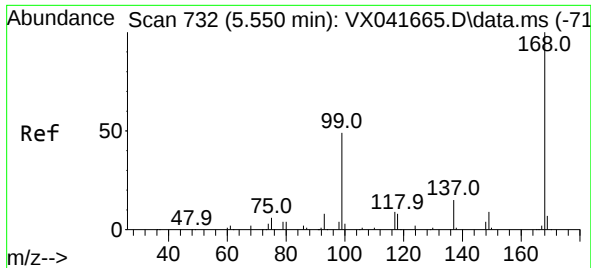
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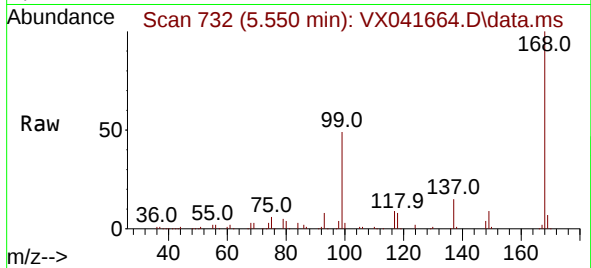
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041664.D
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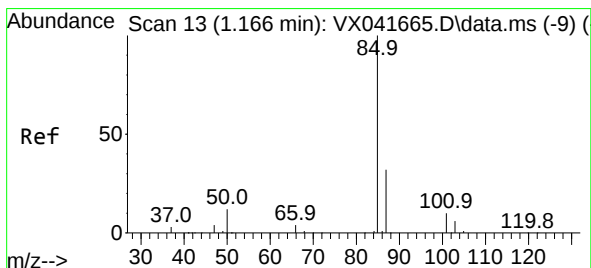
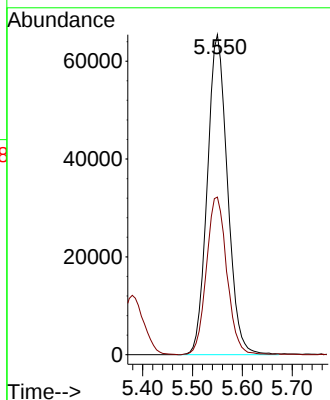
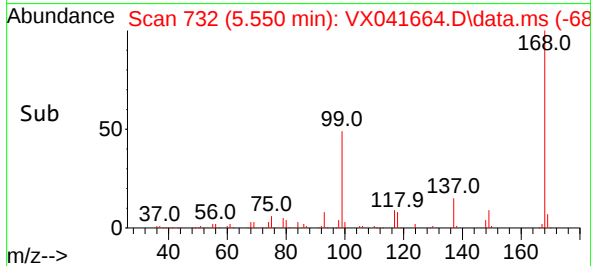
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 183884
Ion Ratio Lower Upper
168 100
99 49.3 56.6 85.0

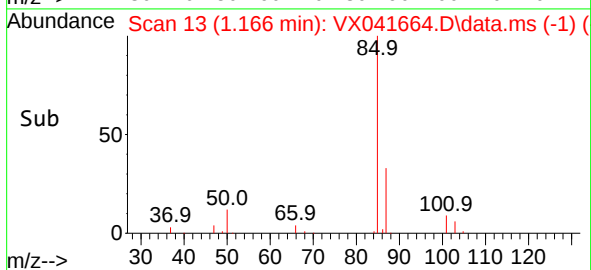
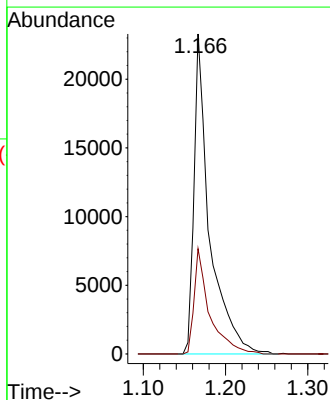
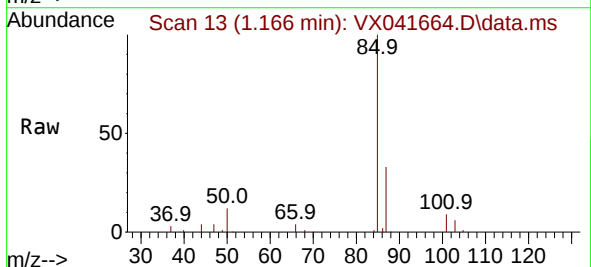
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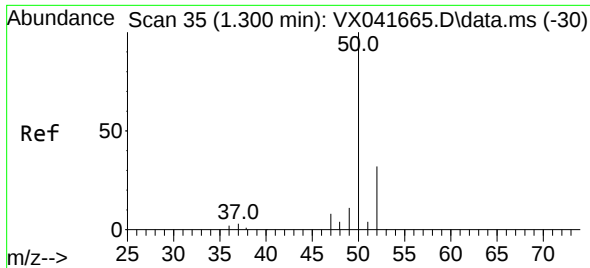
Reviewed By :John Carlone 05/30/2024
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#2
Dichlorodifluoromethane
Concen: 18.895 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 85 Resp: 30529
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





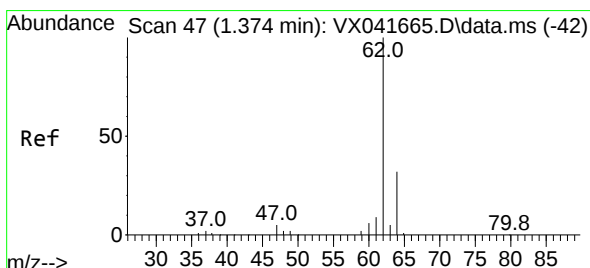
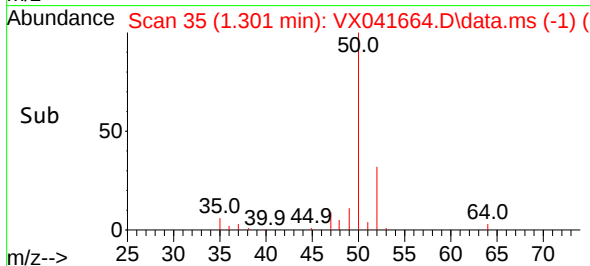
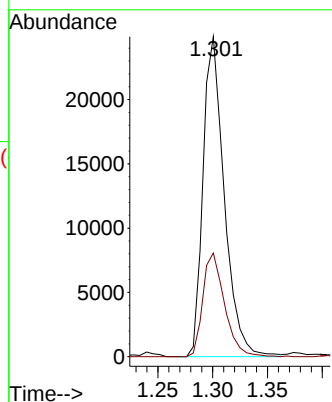
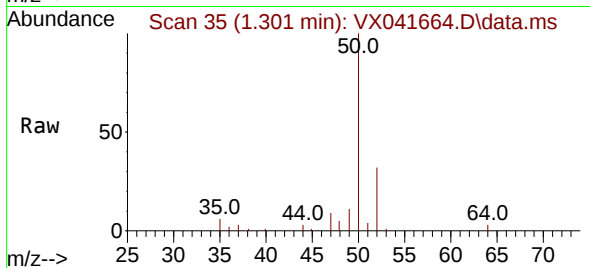
#3
Chloromethane
Concen: 19.060 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
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Tgt Ion: 50 Resp: 3360
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

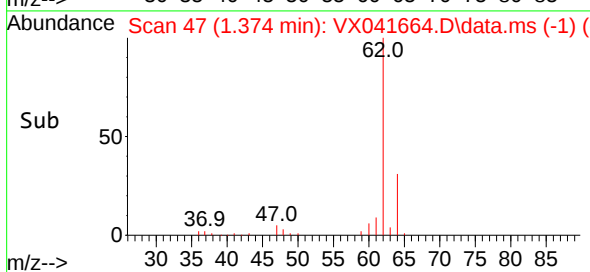
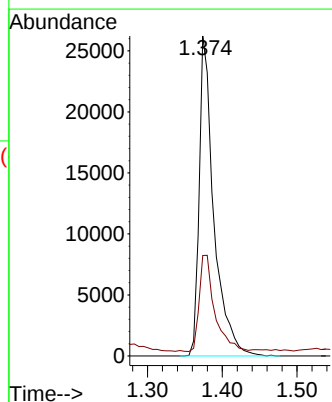
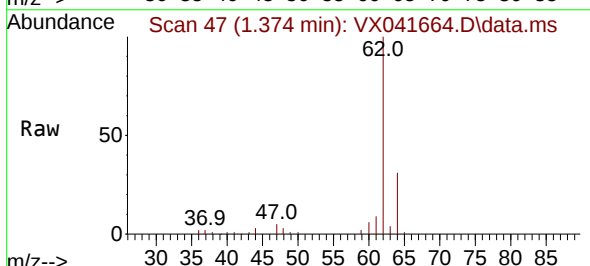
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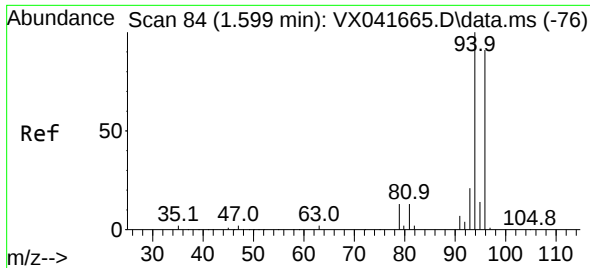
Reviewed By :John Carlone 05/30/2024
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#4
Vinyl Chloride
Concen: 19.604 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

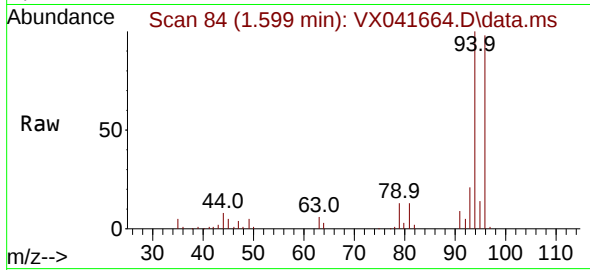
Tgt Ion: 62 Resp: 35577
Ion Ratio Lower Upper
62 100
64 29.7 25.4 38.0





#5
Bromomethane
Concen: 18.816 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

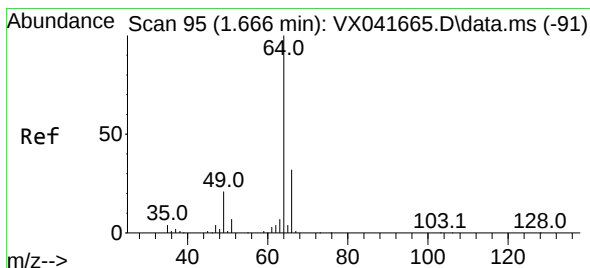
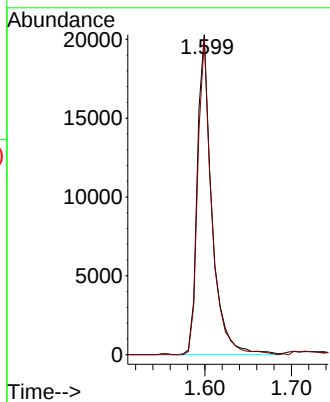
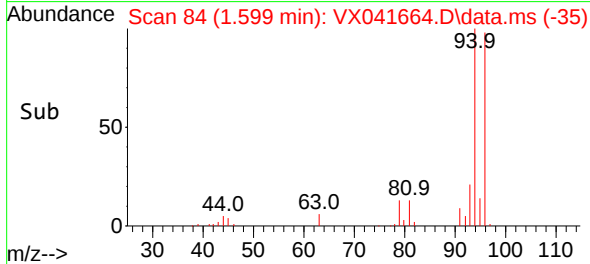
Instrument :
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Tgt Ion: 94 Resp: 2378
Ion Ratio Lower Upper
94 100
96 98.4 74.6 111.8

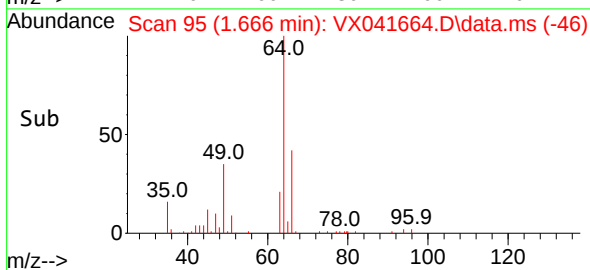
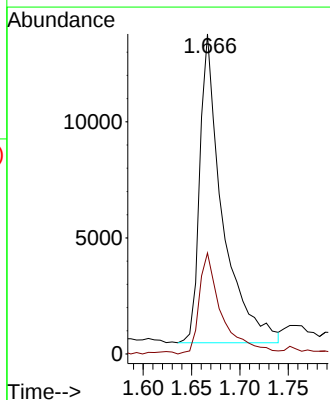
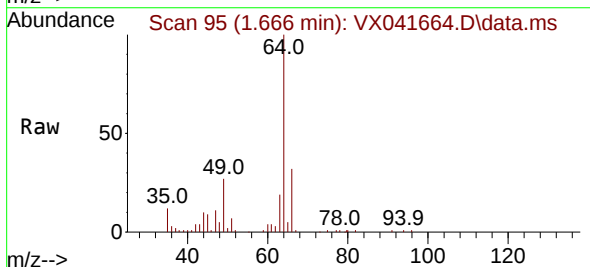
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#6
Chloroethane
Concen: 19.733 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

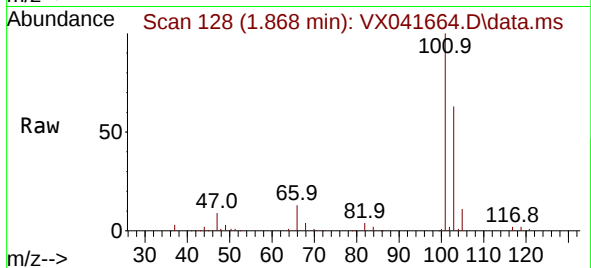
Tgt Ion: 64 Resp: 21645
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.979 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

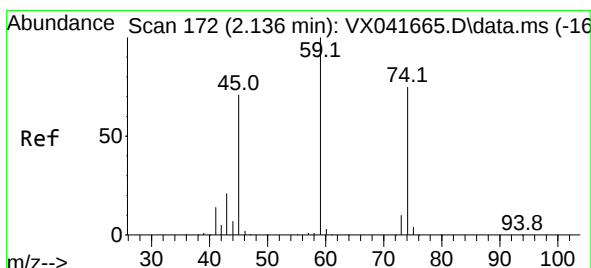
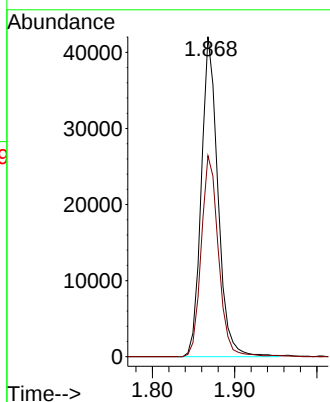
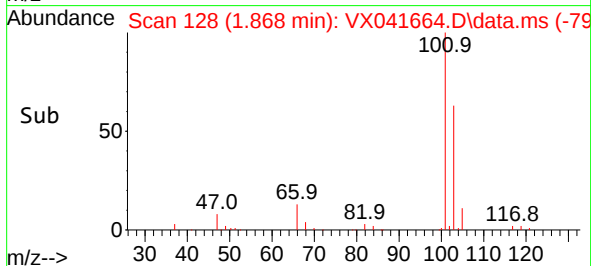
Instrument :
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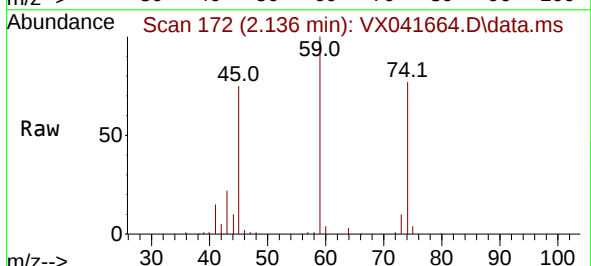
Tgt Ion:101 Resp: 59210
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.2

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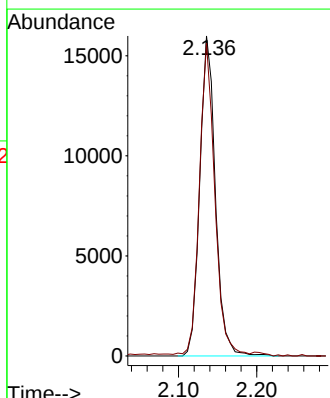
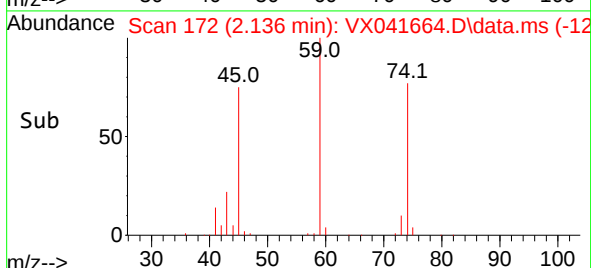
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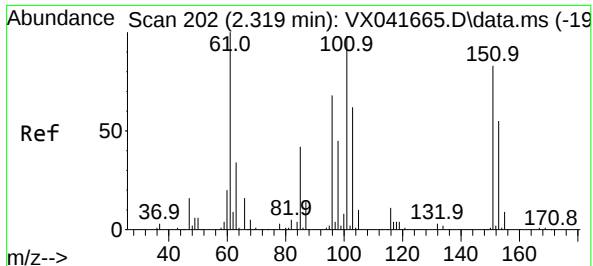


#8
Diethyl Ether
Concen: 19.386 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041664.D
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Tgt Ion: 74 Resp: 22142
Ion Ratio Lower Upper
74 100
45 94.8 53.3 159.8





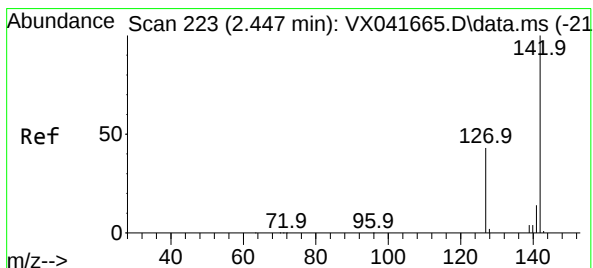
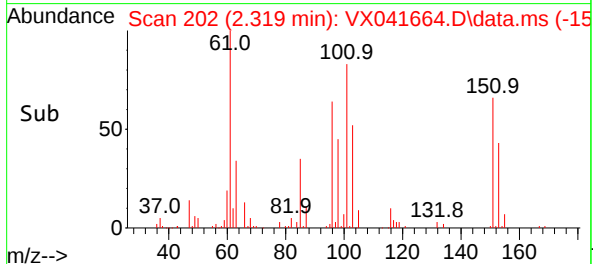
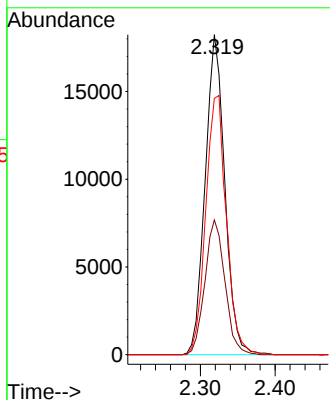
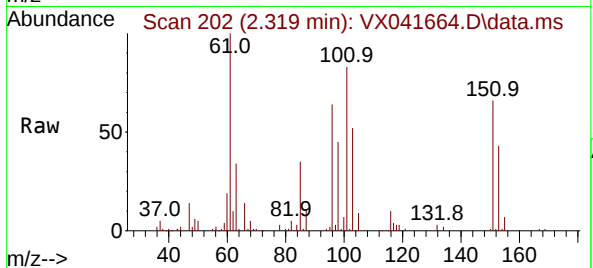
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.817 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 33278
Ion Ratio Lower Upper
101 100
85 43.0 37.0 55.6
151 85.0 58.6 87.8

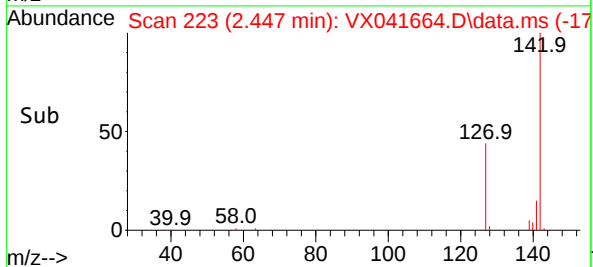
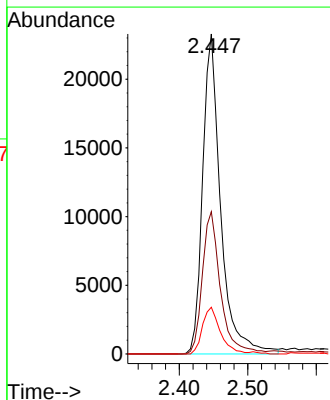
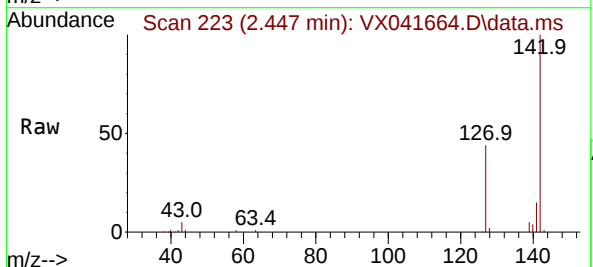
Manual Integrations
APPROVED

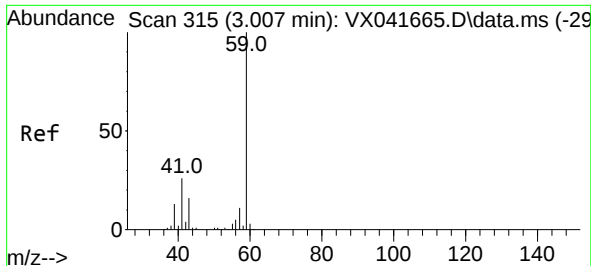
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#10
Methyl Iodide
Concen: 20.383 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion:142 Resp: 42683
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 99.451 ug/l

RT: 3.002 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 3967

Ion Ratio Lower Upper

59 100

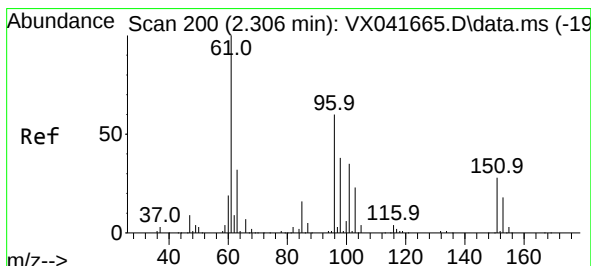
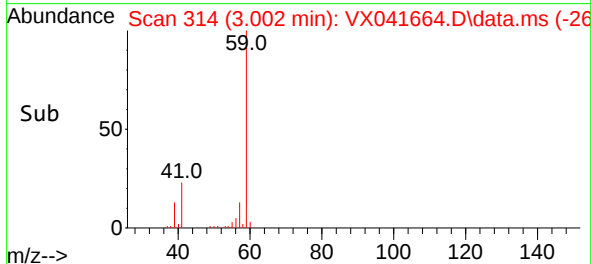
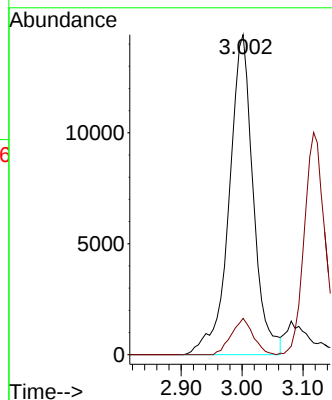
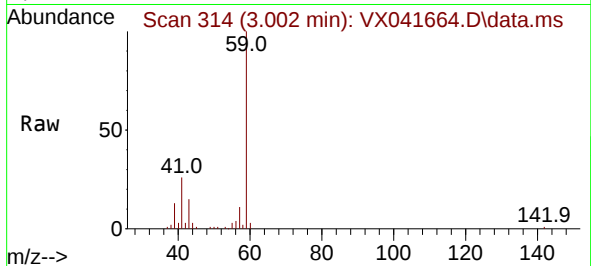
57 10.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#12

1,1-Dichloroethene

Concen: 19.304 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

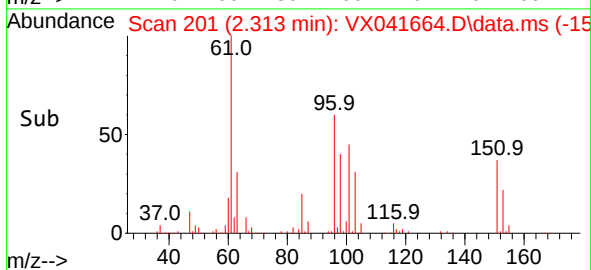
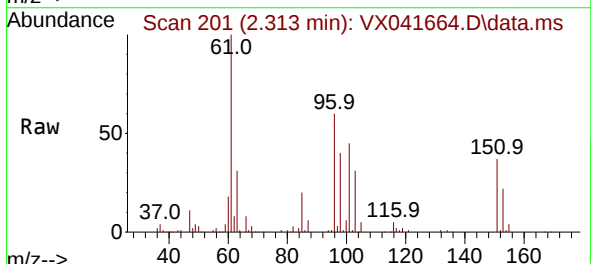
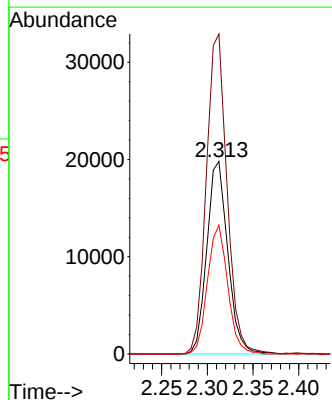
Tgt Ion: 96 Resp: 31642

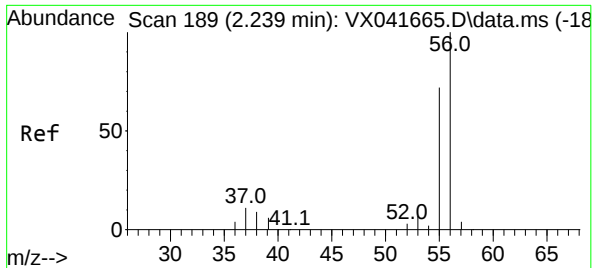
Ion Ratio Lower Upper

96 100

61 166.2 144.6 216.8

98 67.0 50.4 75.6





#13

Acrolein

Concen: 94.183 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

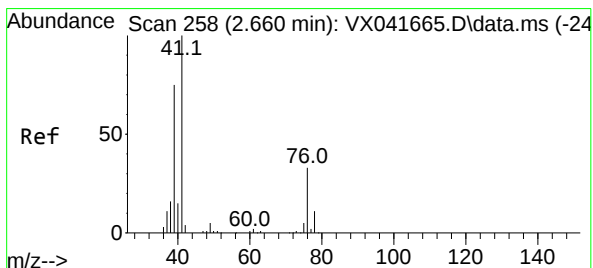
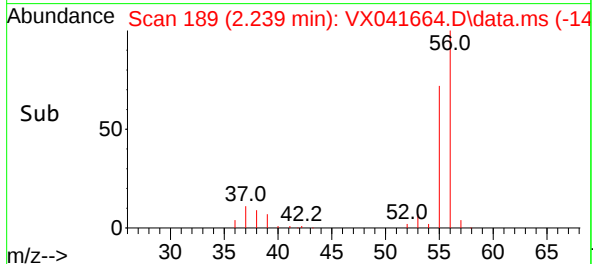
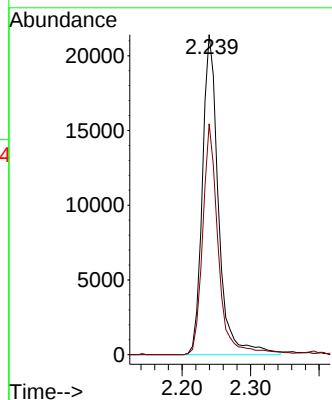
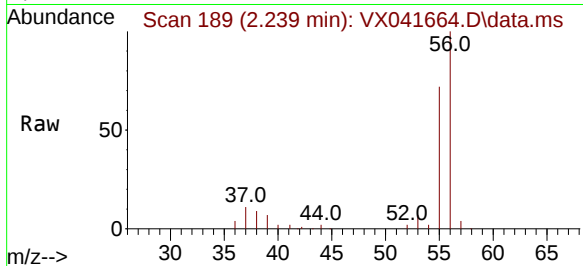
VSTDICC020

Tgt Ion: 56 Resp: 34994
 Ion Ratio Lower Upper
 56 100
 55 69.9 57.1 85.7

Manual Integrations

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Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024



#14

Allyl chloride

Concen: 20.054 ug/l

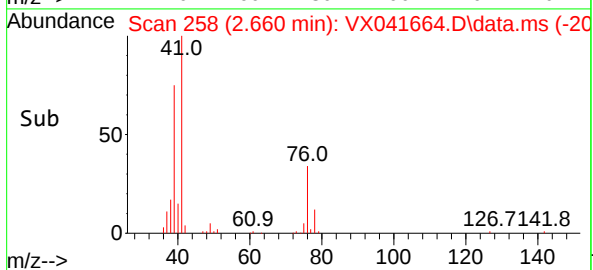
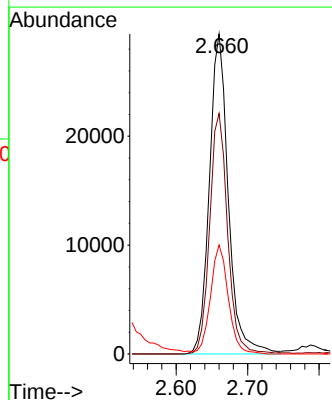
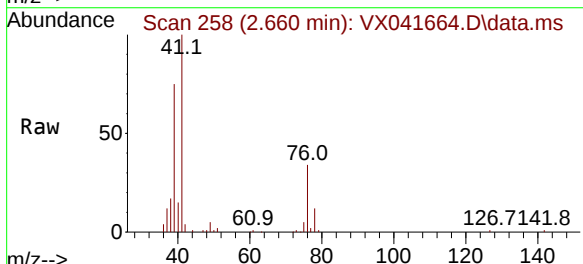
RT: 2.660 min Scan# 258

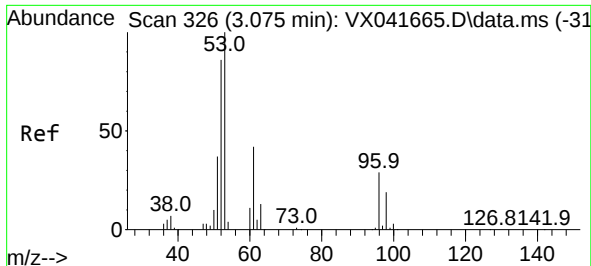
Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

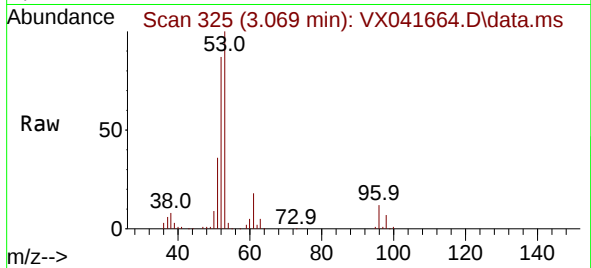
Tgt Ion: 41 Resp: 54079
 Ion Ratio Lower Upper
 41 100
 39 71.5 55.8 83.6
 76 31.9 24.3 36.5





#15
Acrylonitrile
Concen: 101.069 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

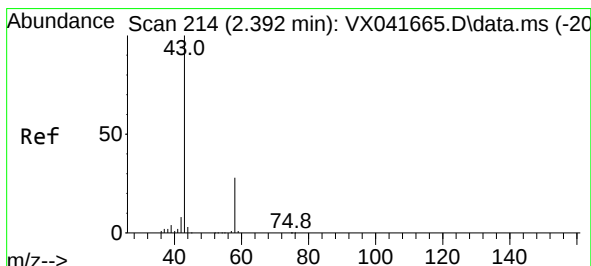
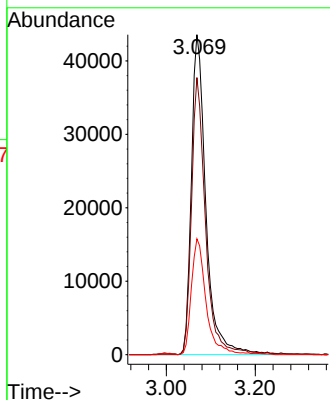
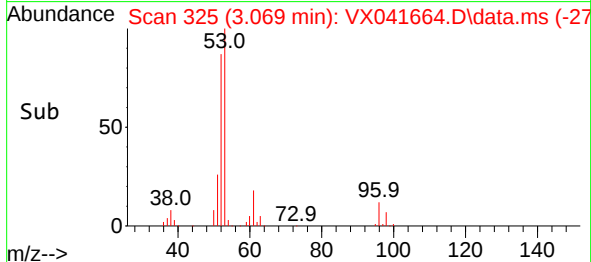
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 9885
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 37.1 29.8 44.6

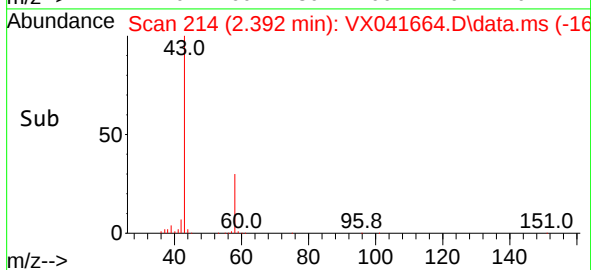
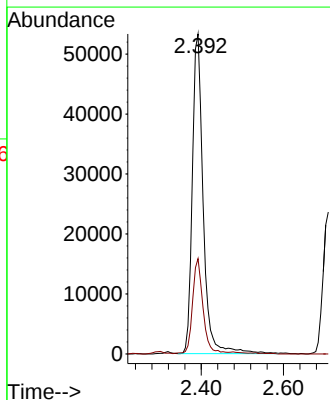
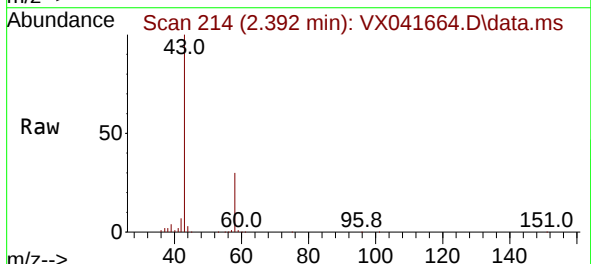
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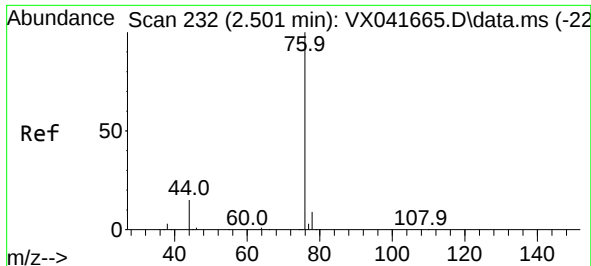
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#16
Acetone
Concen: 97.149 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 43 Resp: 97885
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9





#17

Carbon Disulfide

Concen: 18.675 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 67719

Ion Ratio Lower Upper

76 100

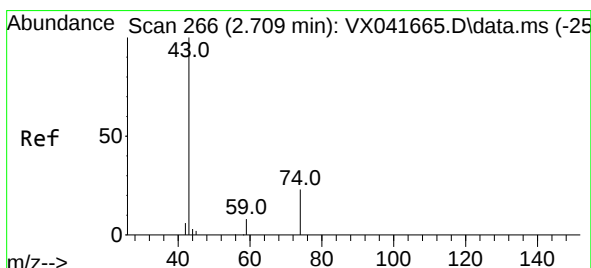
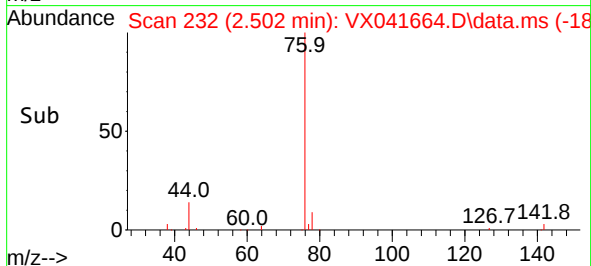
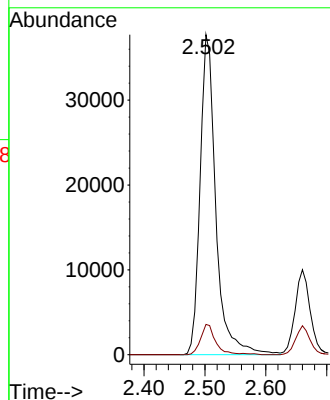
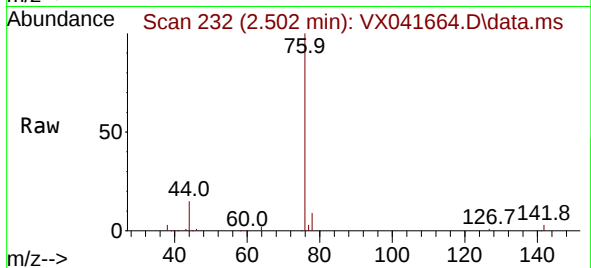
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#18

Methyl Acetate

Concen: 19.852 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041664.D

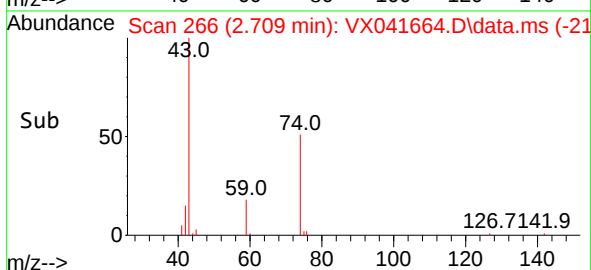
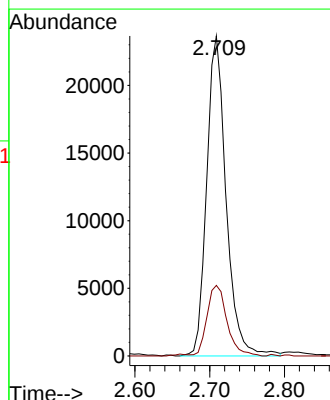
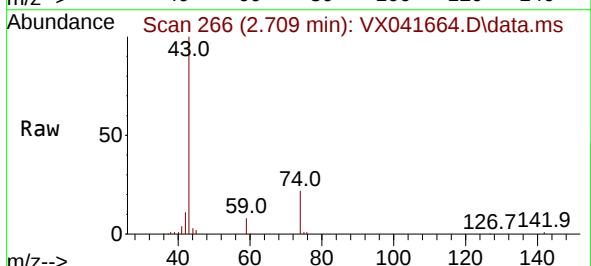
Acq: 29 May 2024 10:19

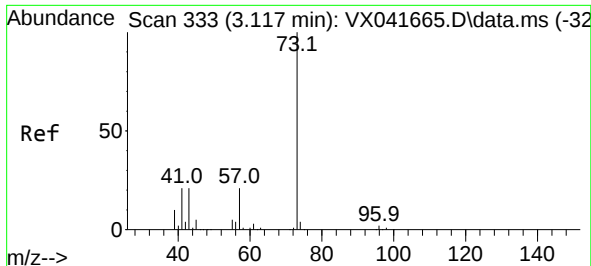
Tgt Ion: 43 Resp: 42749

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 19.748 ug/l

RT: 3.117 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 108300

Ion Ratio Lower Upper

73 100

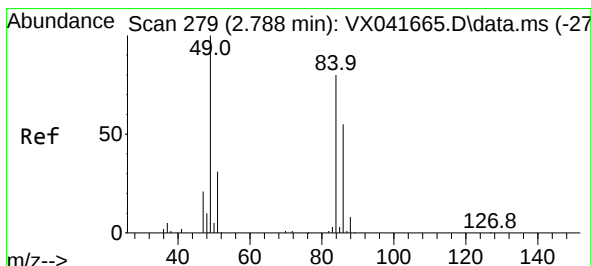
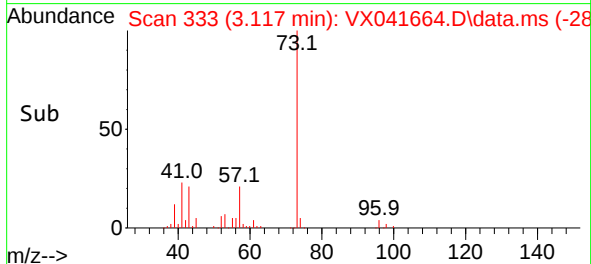
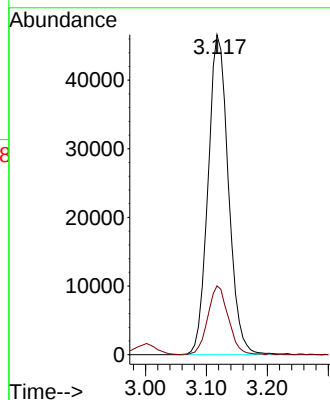
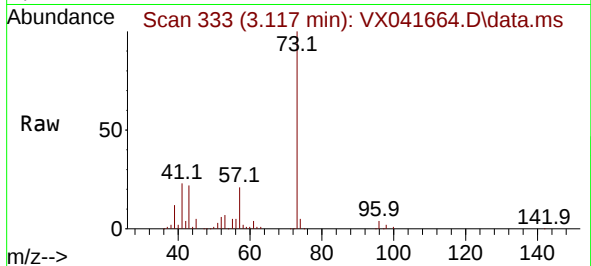
57 21.5 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#20

Methylene Chloride

Concen: 18.584 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion: 84 Resp: 37507

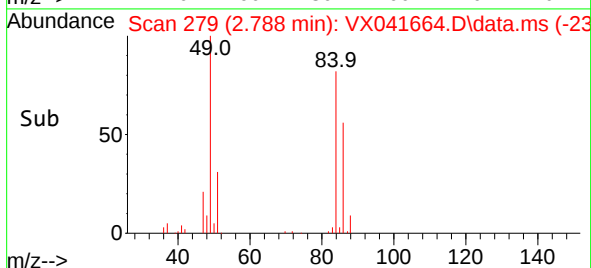
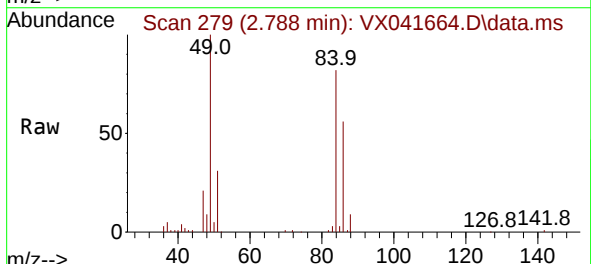
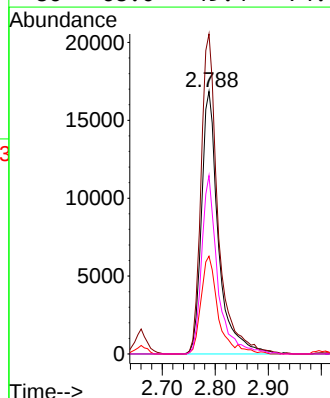
Ion Ratio Lower Upper

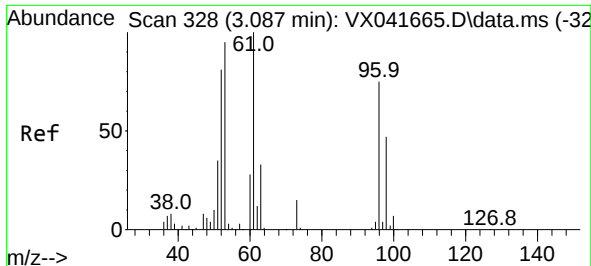
84 100

49 121.9 103.6 155.4

51 37.2 33.8 50.6

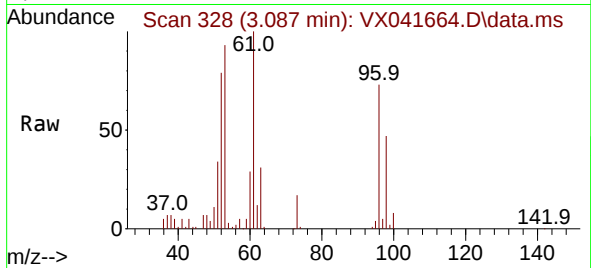
86 68.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.550 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

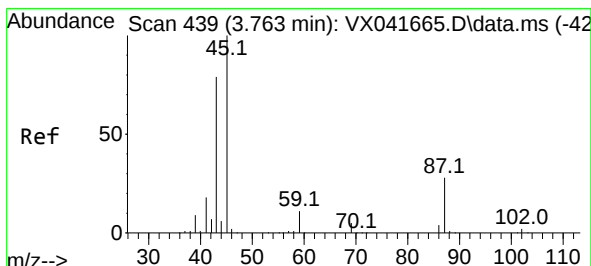
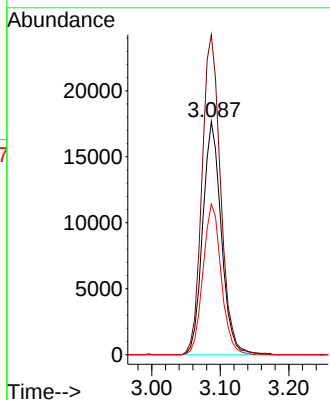
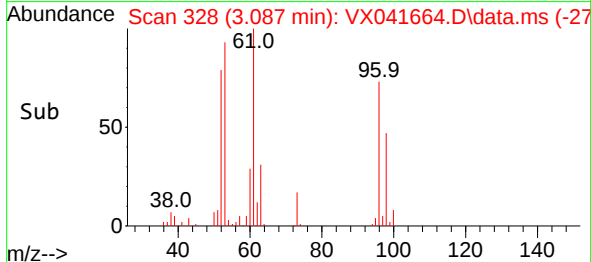
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



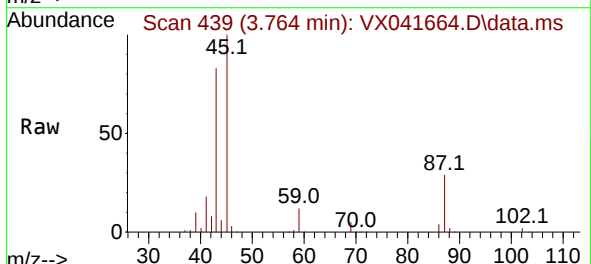
Tgt Ion: 96 Resp: 33249
Ion Ratio Lower Upper
96 100
61 137.3 119.2 178.8
98 64.7 48.7 73.1

Manual Integrations
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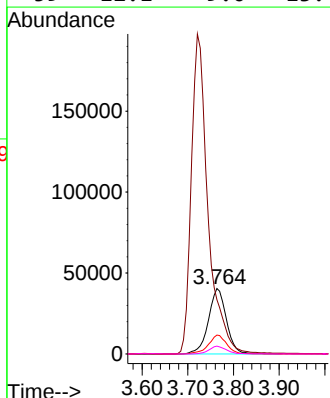
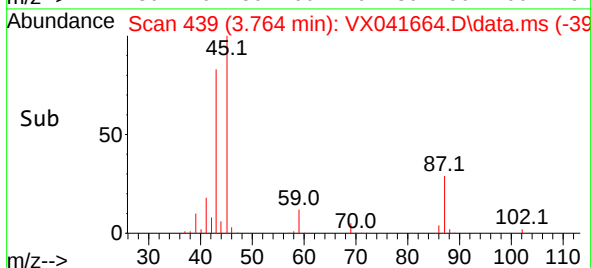
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

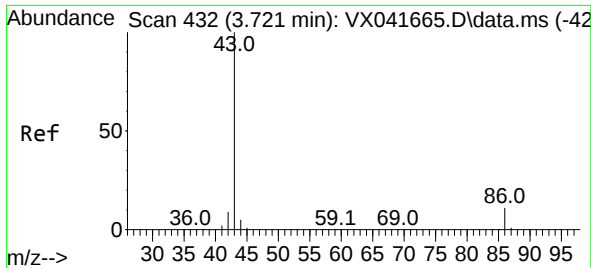


#22
Diisopropyl ether
Concen: 20.060 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19



Tgt Ion: 45 Resp: 110551
Ion Ratio Lower Upper
45 100
43 82.1 69.7 104.5
87 28.8 20.8 31.2
59 12.1 9.0 13.4





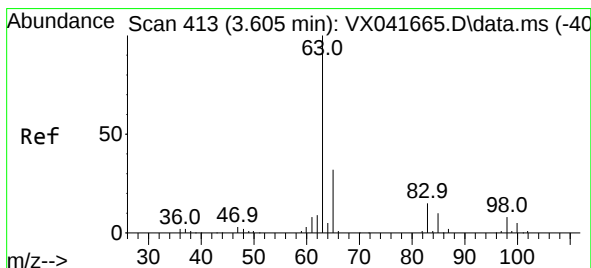
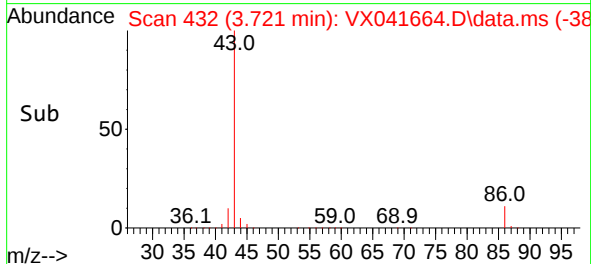
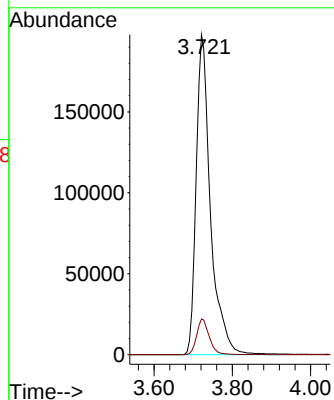
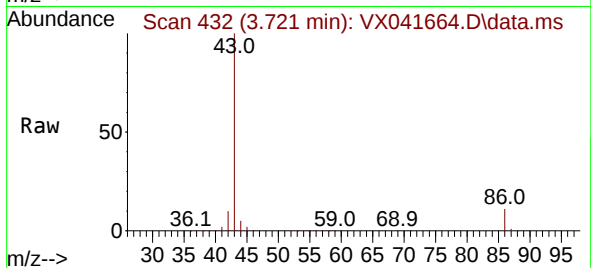
#23
Vinyl Acetate
Concen: 101.812 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 50407
Ion Ratio Lower Upper
43 100
86 11.2 7.8 11.8

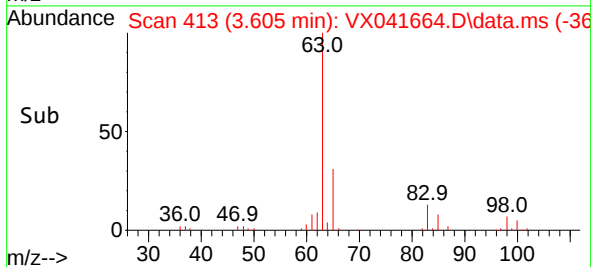
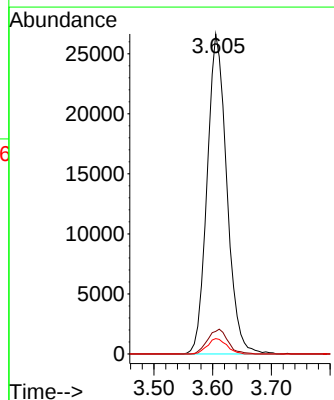
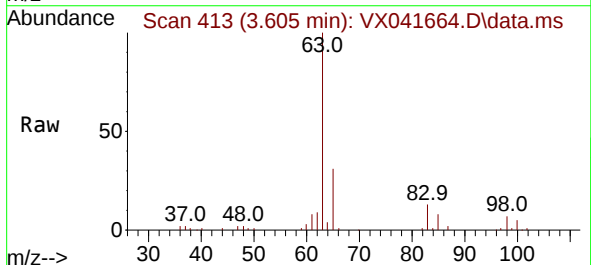
Manual Integrations
APPROVED

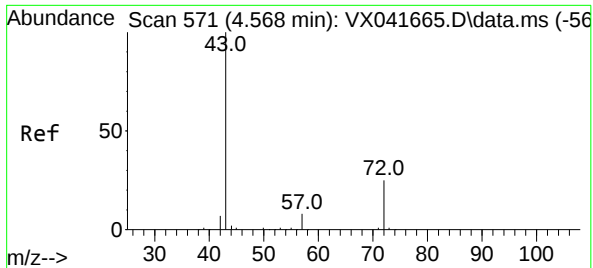
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#24
1,1-Dichloroethane
Concen: 19.903 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 63 Resp: 62022
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.8
100 4.8 2.1 6.5





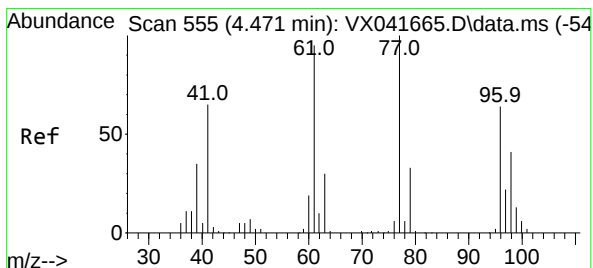
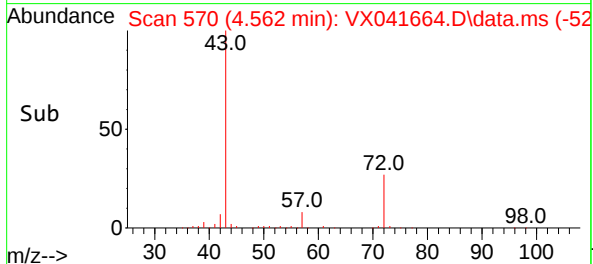
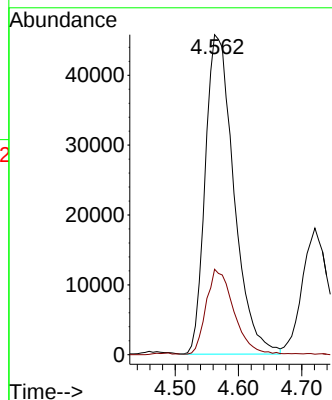
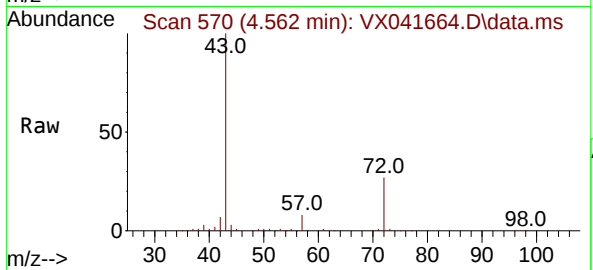
#25
2-Butanone
Concen: 102.555 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 143749
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

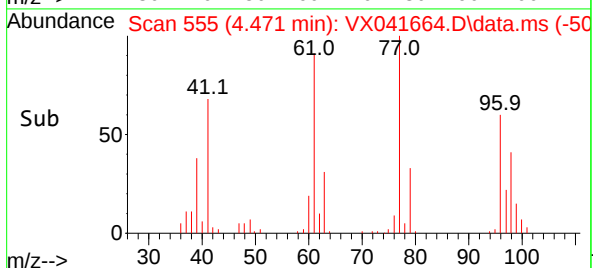
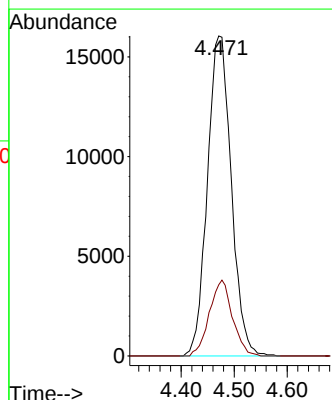
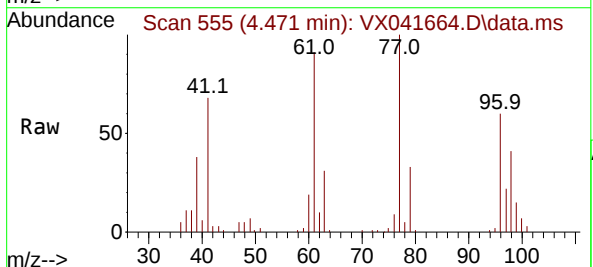
Manual Integrations
APPROVED

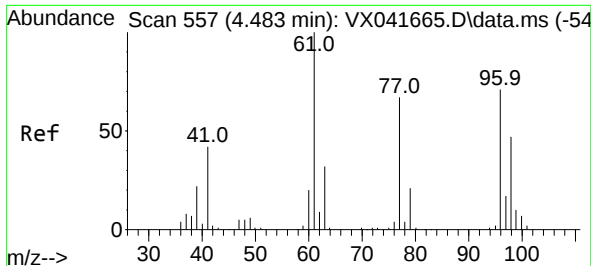
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#26
2,2-Dichloropropane
Concen: 19.615 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 77 Resp: 50151
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.934 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 40524

Ion Ratio Lower Upper

96 100

61 142.6 0.0 312.2

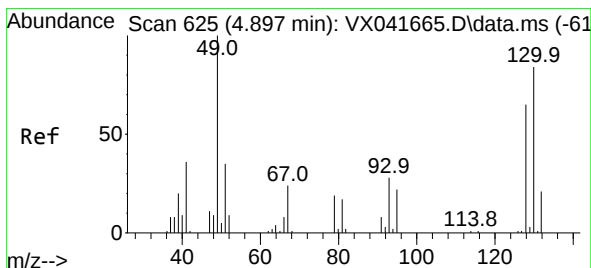
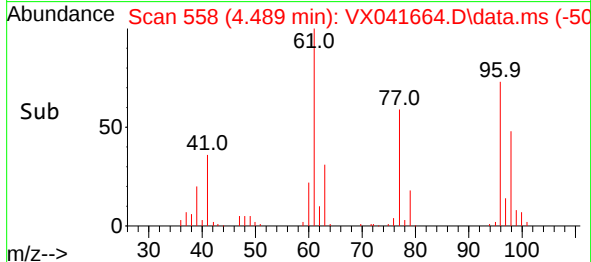
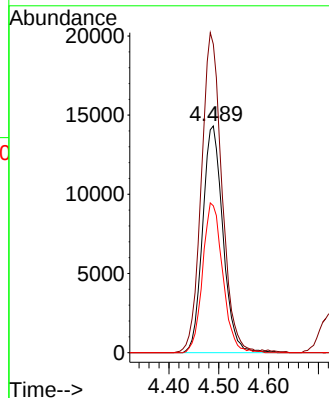
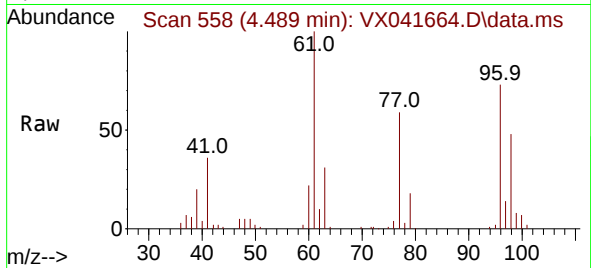
98 65.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#28

Bromochloromethane

Concen: 19.408 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

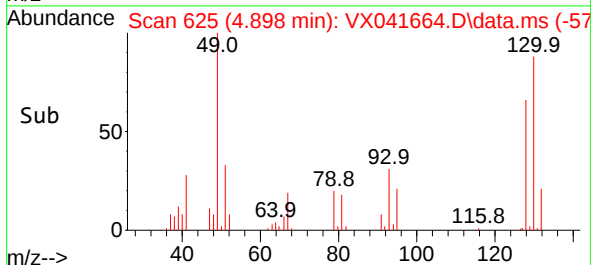
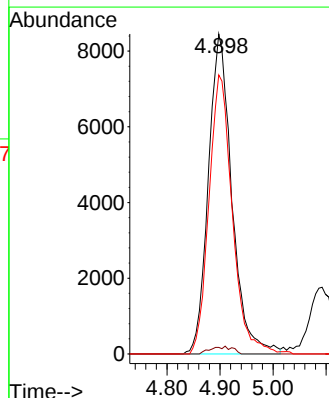
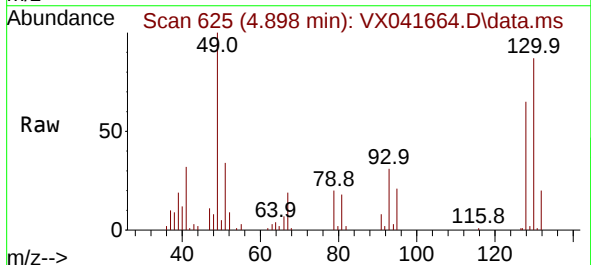
Tgt Ion: 49 Resp: 26048

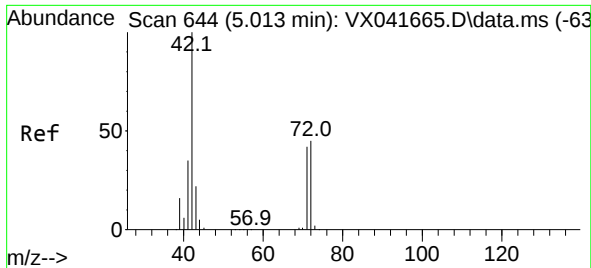
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 86.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 100.479 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

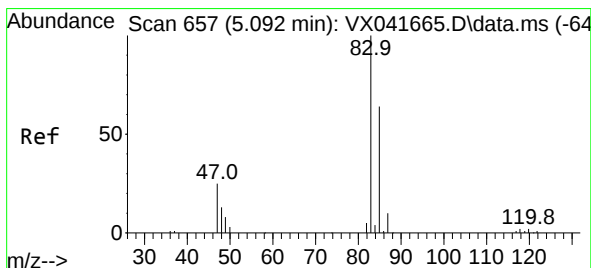
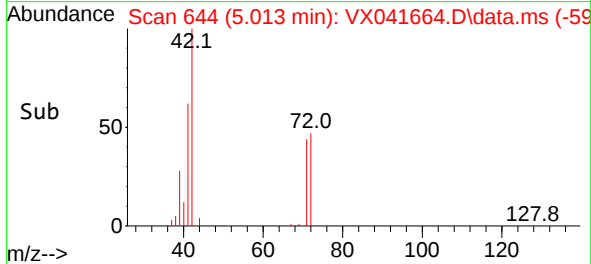
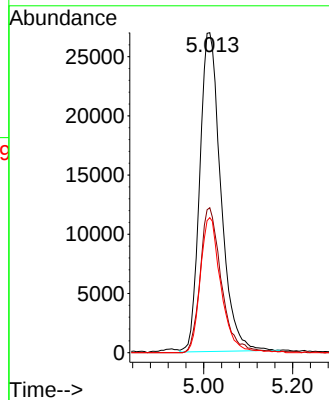
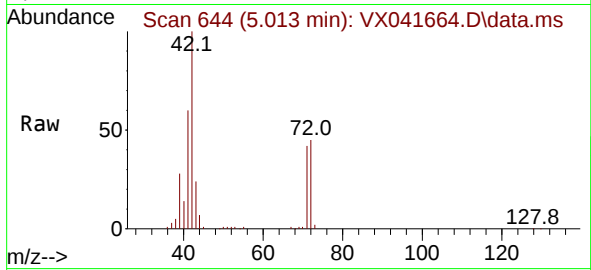
Tgt Ion: 42	Resp: 8882
Ion Ratio	Lower Upper
42	100
72	45.9 34.2 51.4
71	41.7 32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#30

Chloroform

Concen: 20.146 ug/l

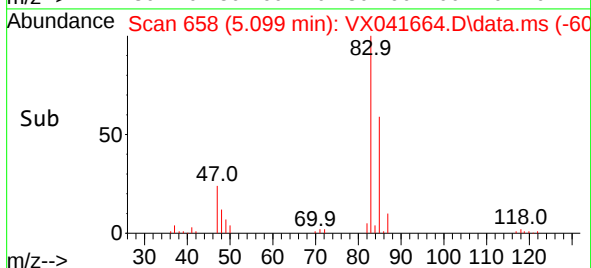
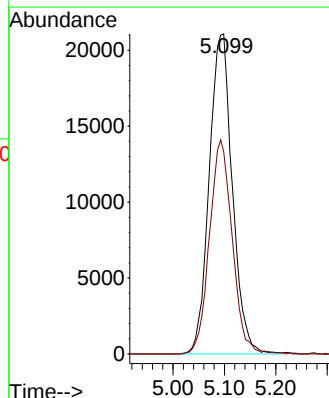
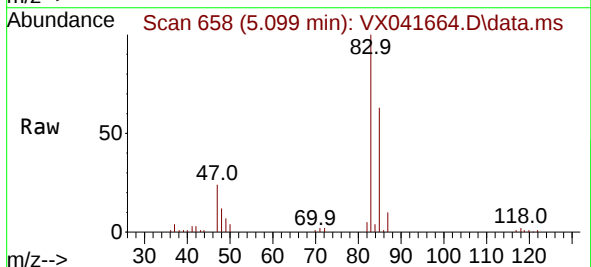
RT: 5.099 min Scan# 658

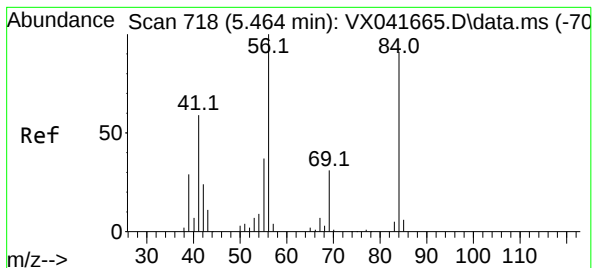
Delta R.T. 0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion: 83	Resp: 65914
Ion Ratio	Lower Upper
83	100
85	63.2 50.3 75.5





#31

Cyclohexane

Concen: 19.688 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 5242

Ion Ratio Lower Upper

56 100

69 30.1 23.4 35.2

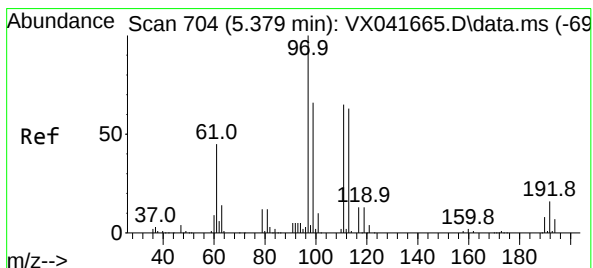
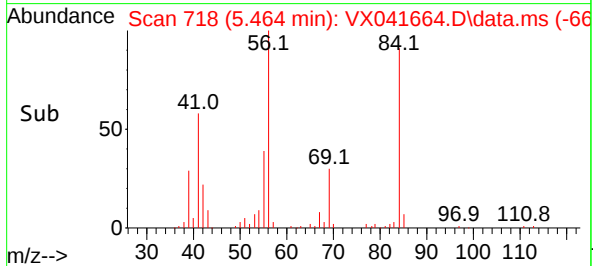
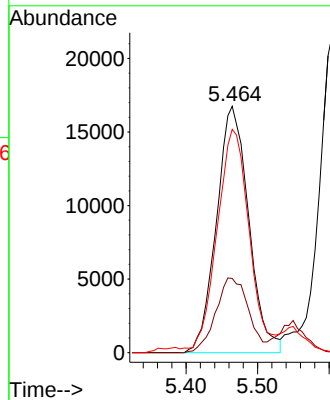
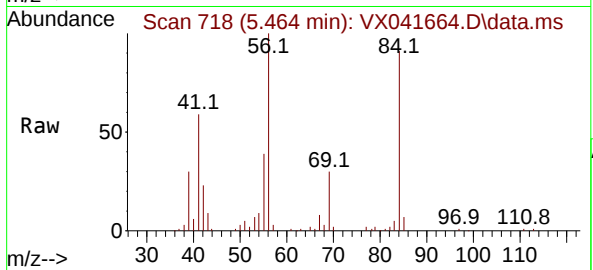
84 89.1 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#32

1,1,1-Trichloroethane

Concen: 19.866 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

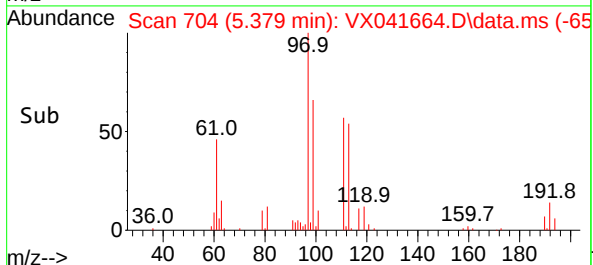
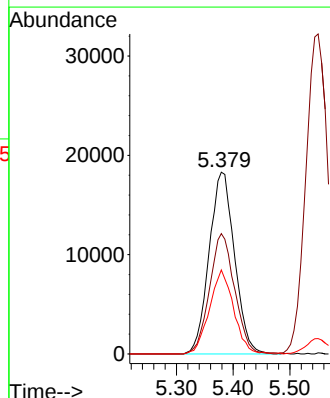
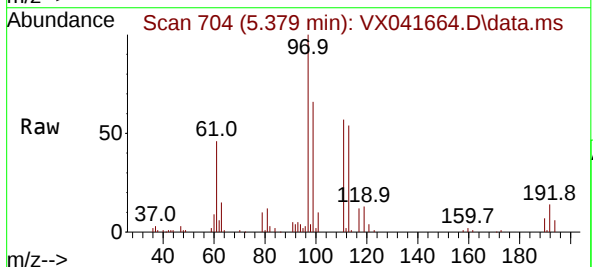
Tgt Ion: 97 Resp: 56959

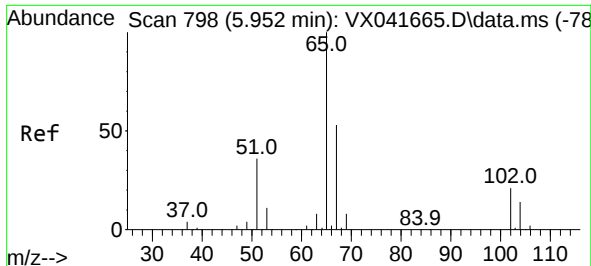
Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

61 44.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 18.106 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4083

Ion Ratio Lower Upper

65 100

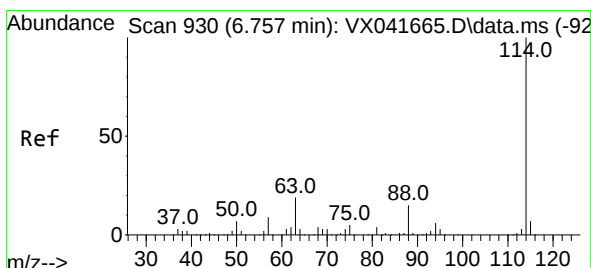
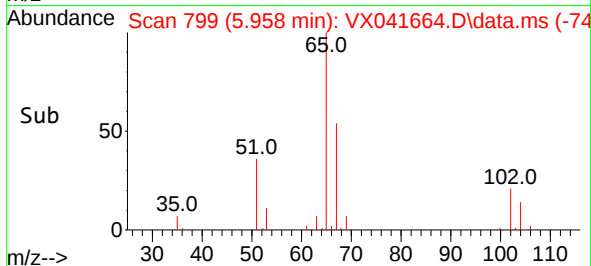
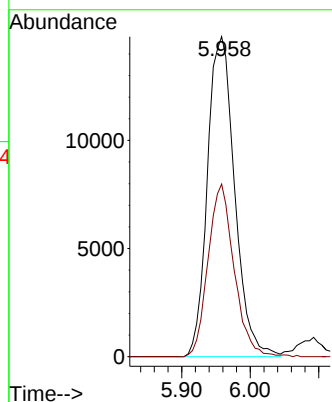
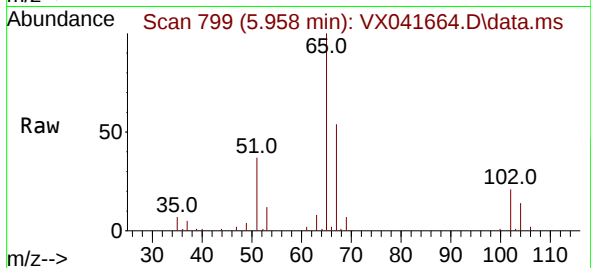
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

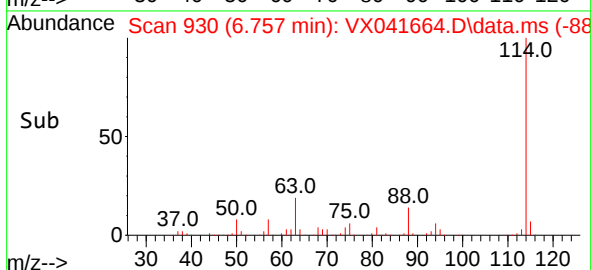
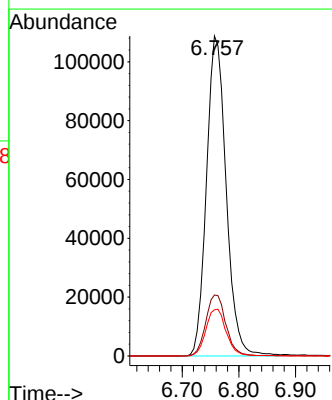
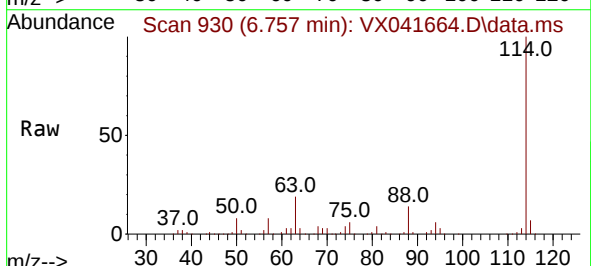
Tgt Ion:114 Resp: 262147

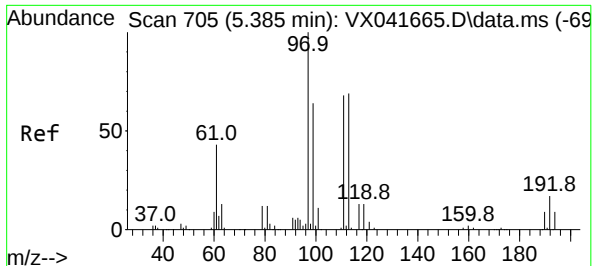
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 14.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 18.283 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

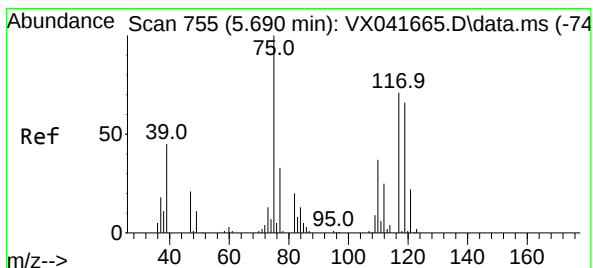
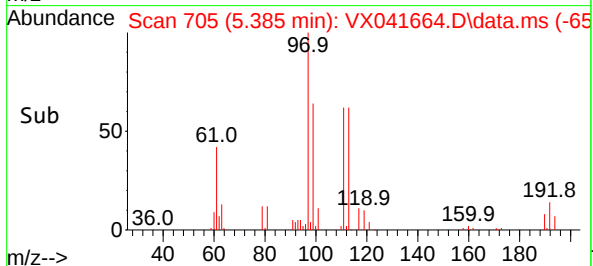
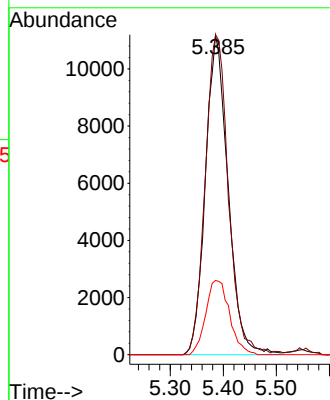
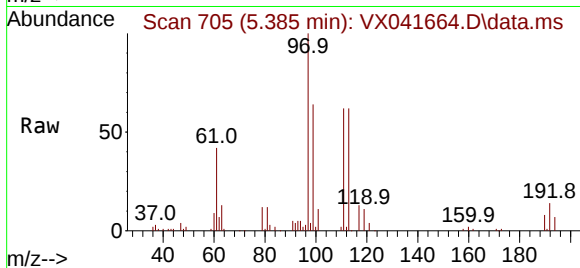
Tgt Ion:	113	Resp:	3313
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	24.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#36

1,1-Dichloropropene

Concen: 19.749 ug/l

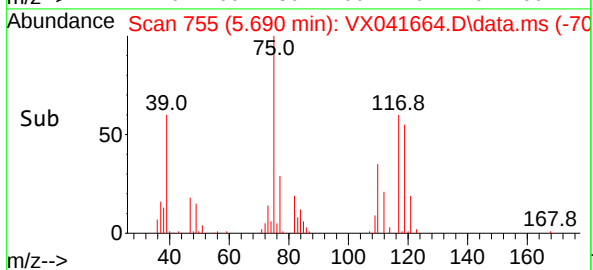
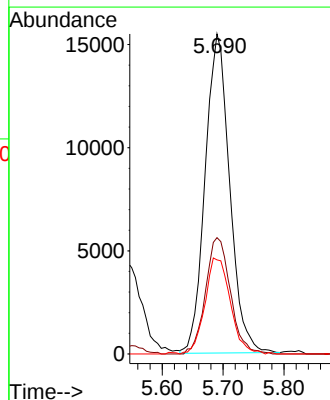
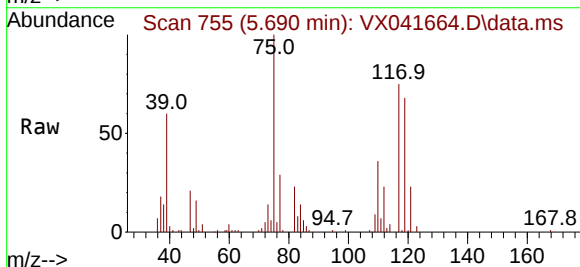
RT: 5.690 min Scan# 755

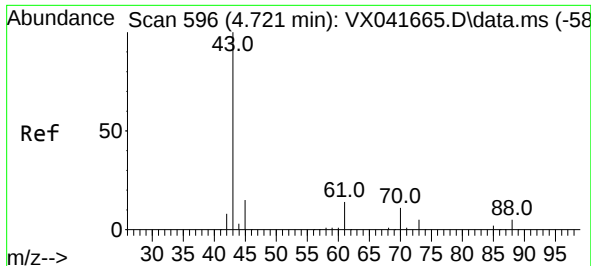
Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion:	75	Resp:	43341
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.0	50.9
77	31.0	24.7	37.1





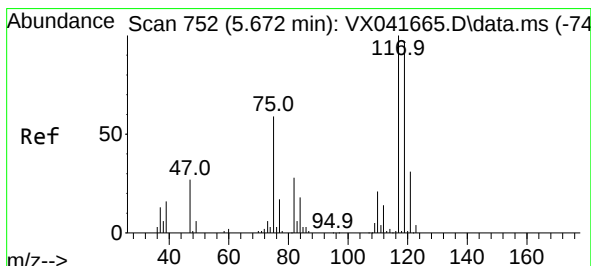
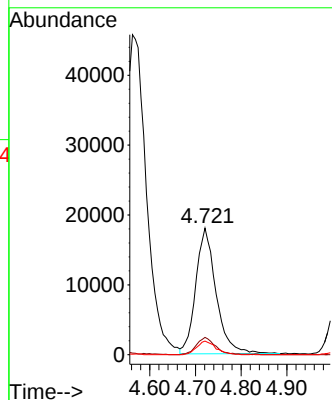
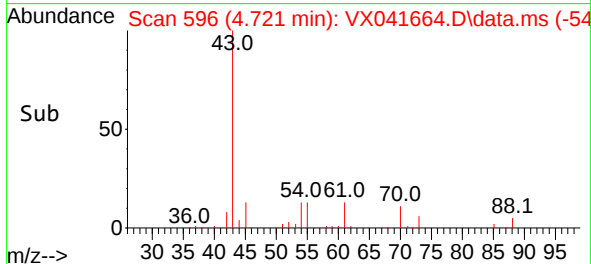
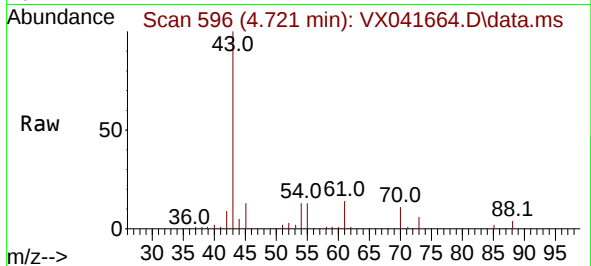
#37
Ethyl Acetate
Concen: 20.076 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5560
Ion Ratio Lower Upper
43 100
61 12.9 10.6 16.0
70 10.1 8.3 12.5

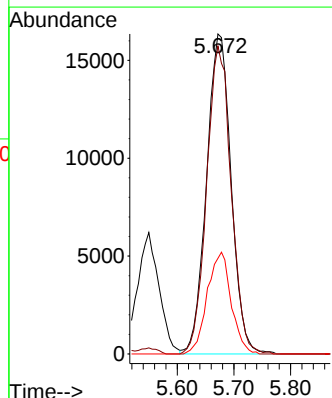
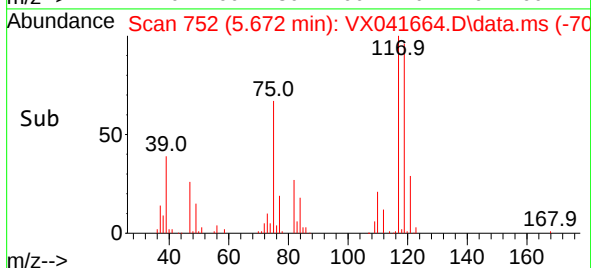
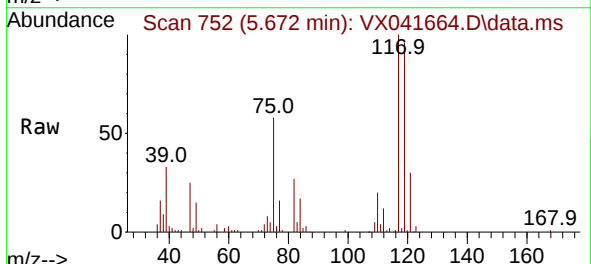
Manual Integrations
APPROVED

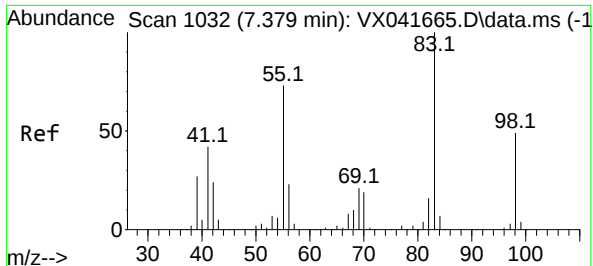
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#38
Carbon Tetrachloride
Concen: 19.787 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion:117 Resp: 49336
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.2
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 20.001 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 53920

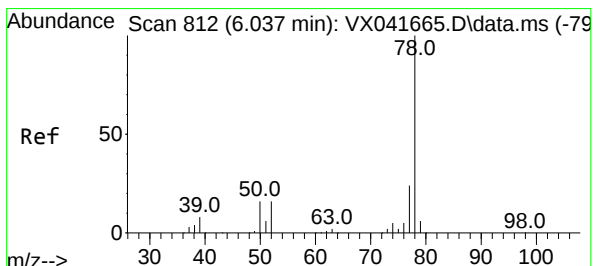
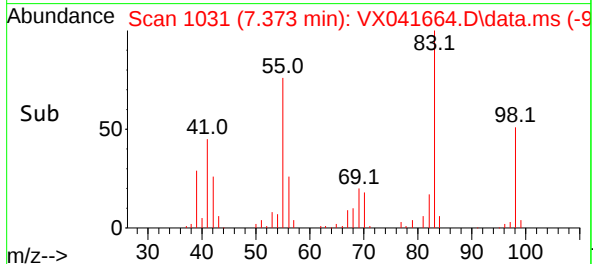
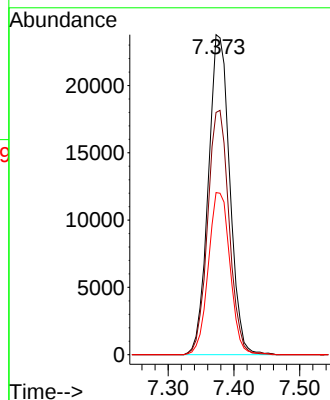
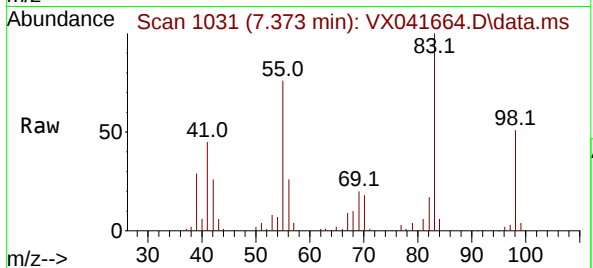
Ion	Ratio	Lower	Upper
83	100		
55	75.7	64.6	97.0
98	50.6	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#40

Benzene

Concen: 20.182 ug/l

RT: 6.038 min Scan# 812

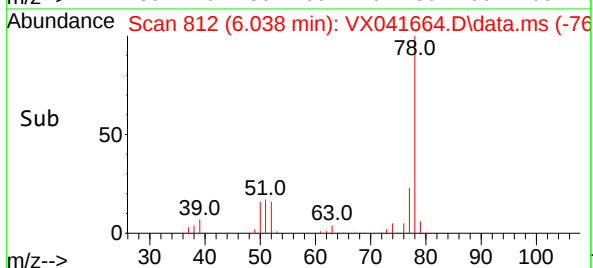
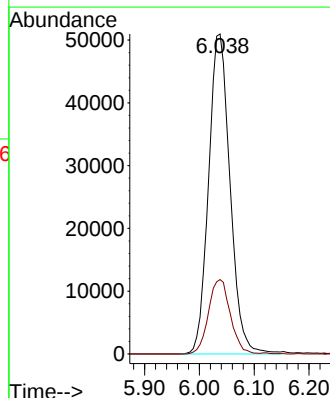
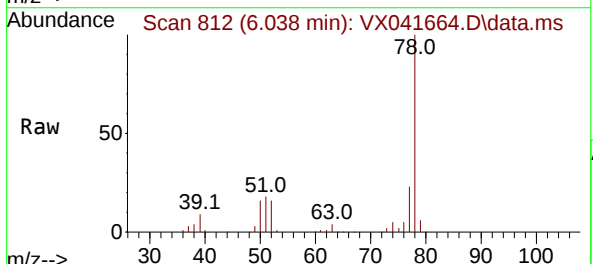
Delta R.T. 0.000 min

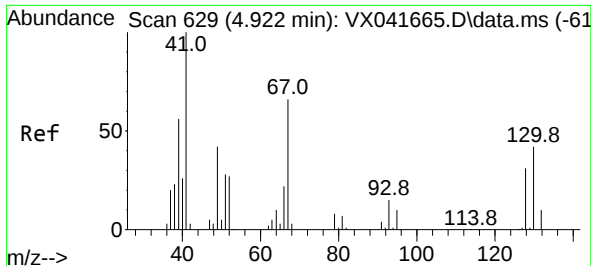
Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion: 78 Resp: 138445

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





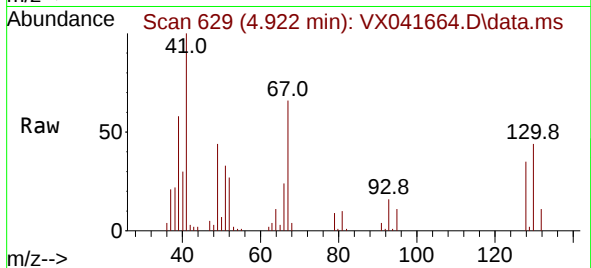
#41
Methacrylonitrile
Concen: 21.464 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



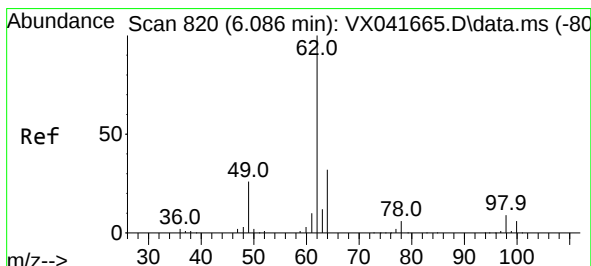
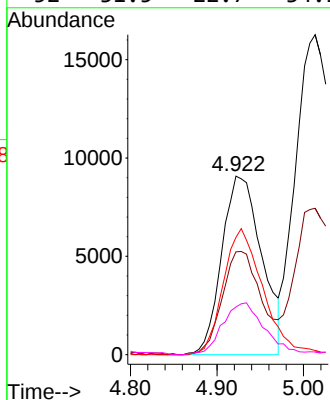
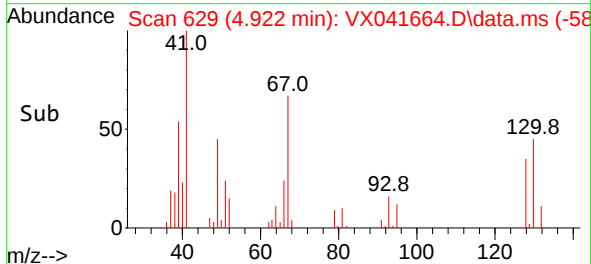
Tgt Ion: 41 Resp: 29074
Ion Ratio Lower Upper
41 100
39 57.0 45.2 67.8
67 70.8 52.6 78.8
52 31.5 22.7 34.1

Manual Integrations

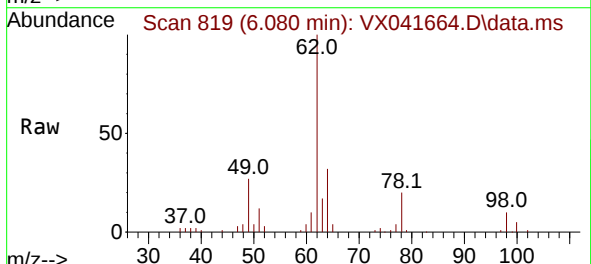
APPROVED

Reviewed By :John Carlone 05/30/2024

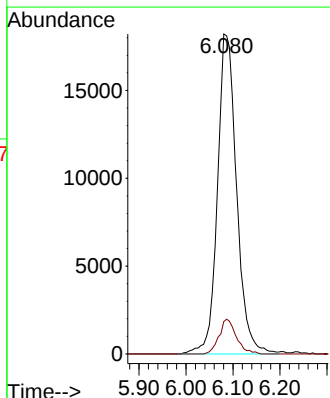
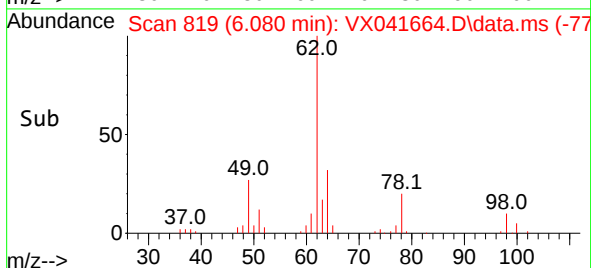
Supervised By :Semsettin Yesilyurt 05/30/2024

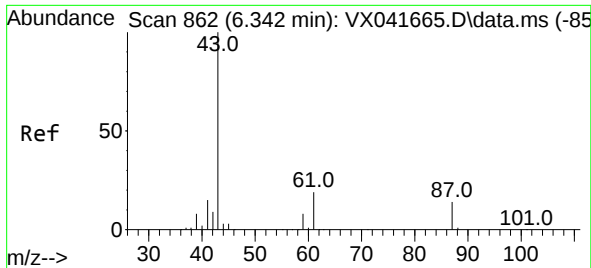


#42
1,2-Dichloroethane
Concen: 20.194 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19



Tgt Ion: 62 Resp: 51714
Ion Ratio Lower Upper
62 100
98 9.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.579 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

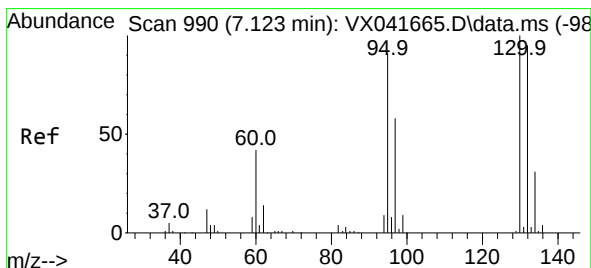
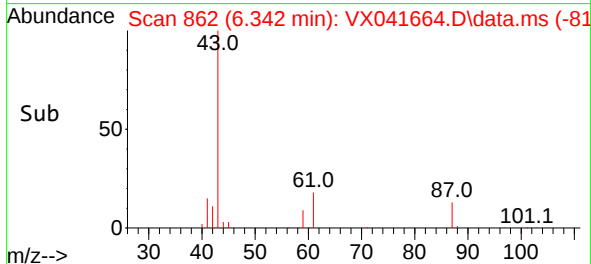
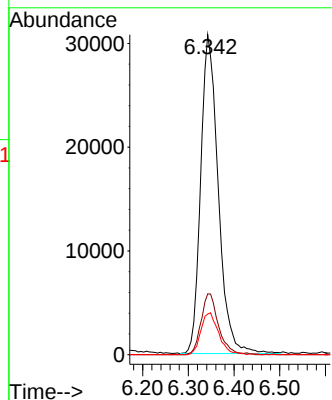
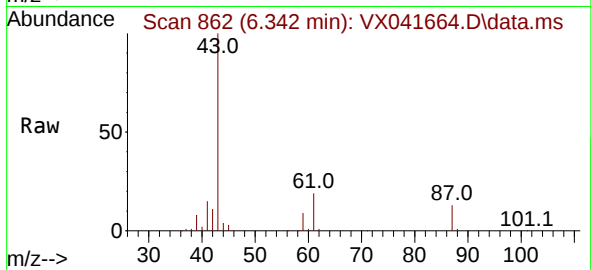
Tgt Ion: 43	Resp: 8187
Ion Ratio	Lower Upper
43 100	
61 19.0	15.2 22.8
87 13.2	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#44

Trichloroethene

Concen: 19.767 ug/l

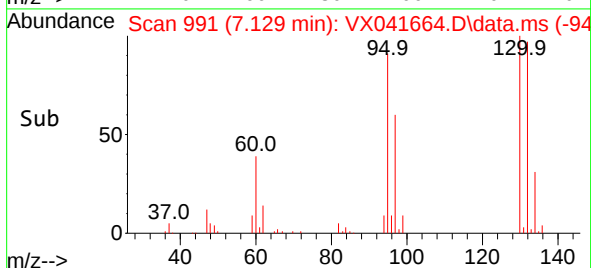
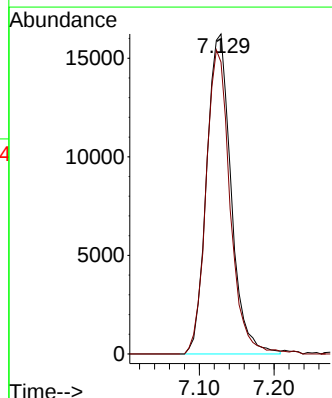
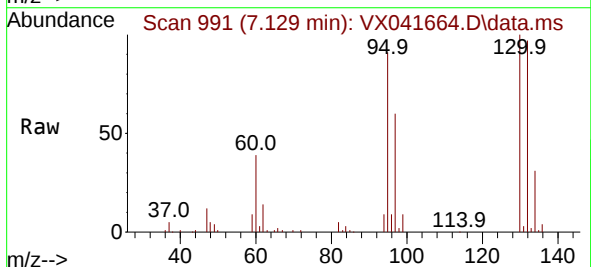
RT: 7.129 min Scan# 991

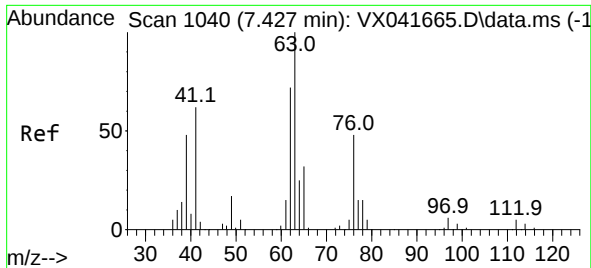
Delta R.T. 0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion:130	Resp: 36878
Ion Ratio	Lower Upper
130 100	
95 91.2	0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.428 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 33318

Ion Ratio Lower Upper

63 100

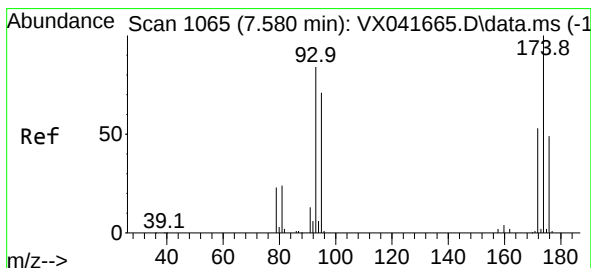
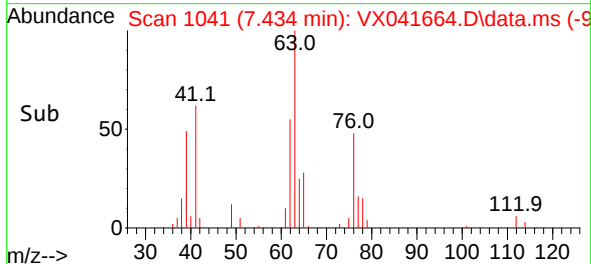
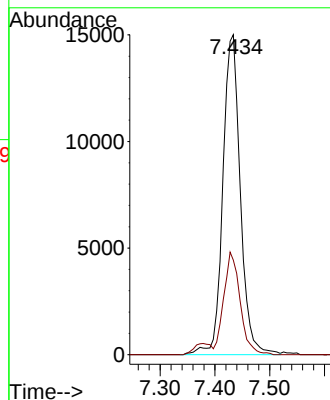
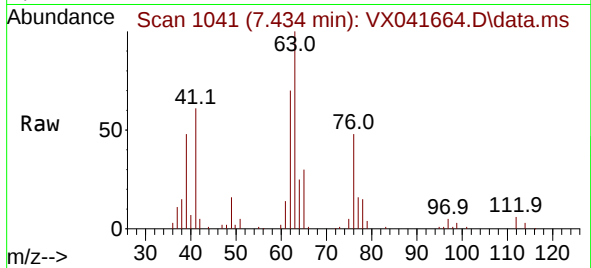
65 29.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#46

Dibromomethane

Concen: 20.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

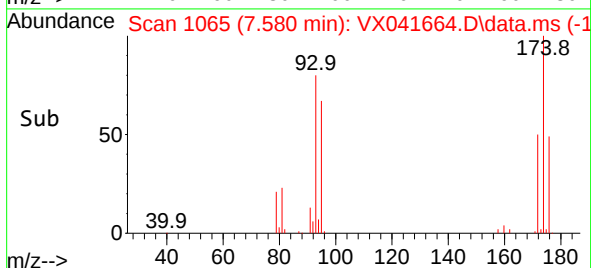
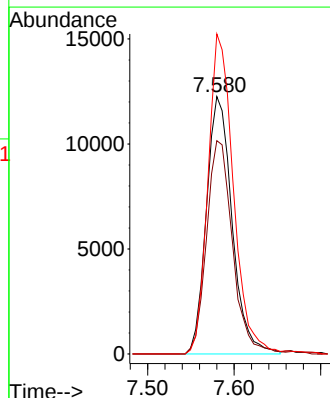
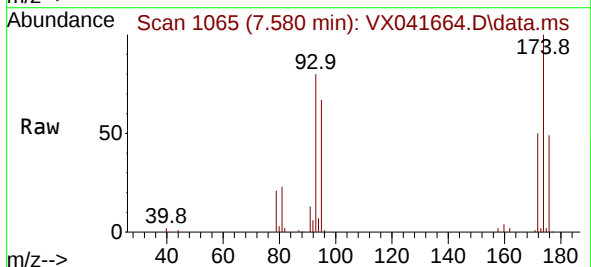
Tgt Ion: 93 Resp: 25278

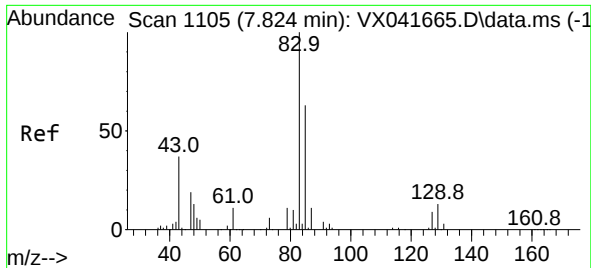
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 123.5 69.4 104.0#





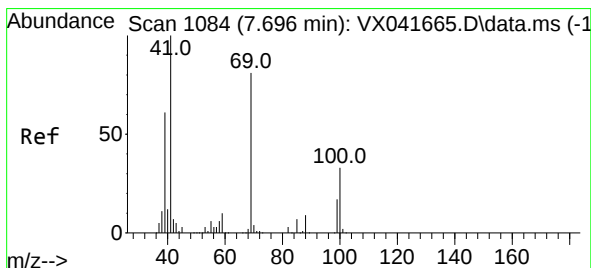
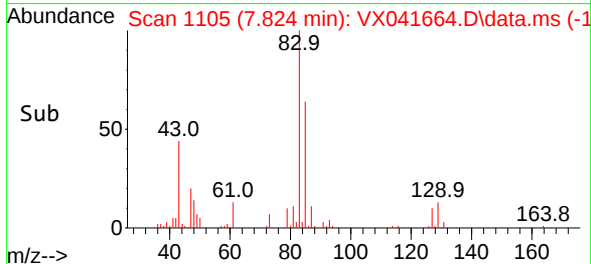
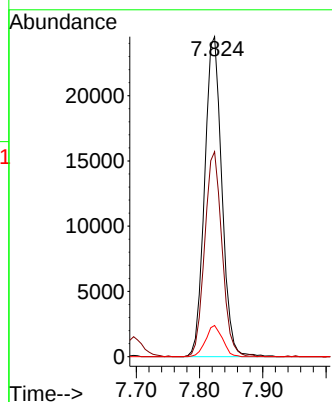
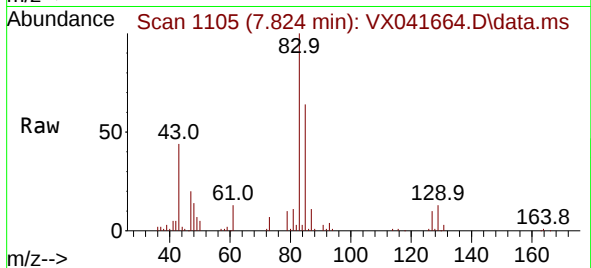
#47
Bromodichloromethane
Concen: 20.027 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4638
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 9.8 7.1 10.7

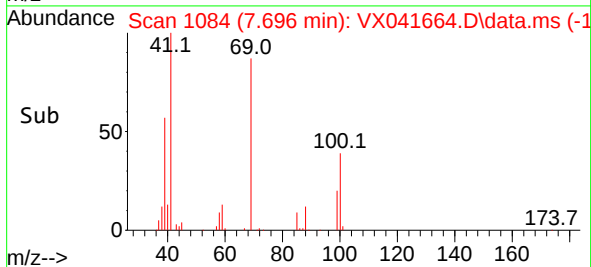
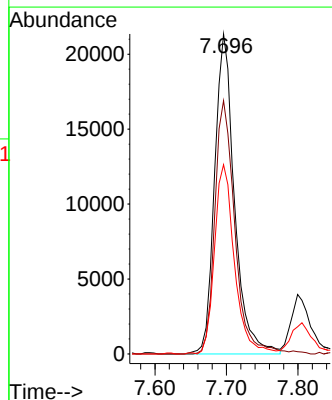
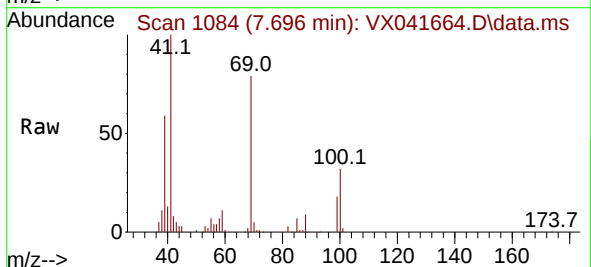
Manual Integrations
APPROVED

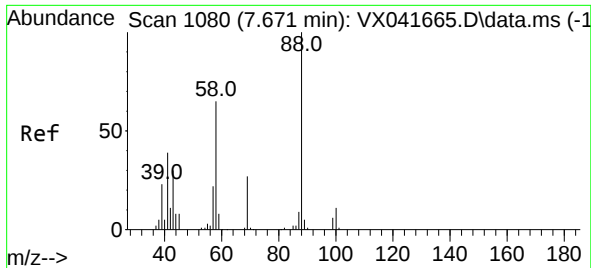
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#48
Methyl methacrylate
Concen: 20.554 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 41 Resp: 41276
Ion Ratio Lower Upper
41 100
69 79.9 59.2 88.8
39 59.5 47.7 71.5





#49

1,4-Dioxane

Concen: 407.141 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 17864

Ion Ratio Lower Upper

88 100

43 34.8 0.0 0.0

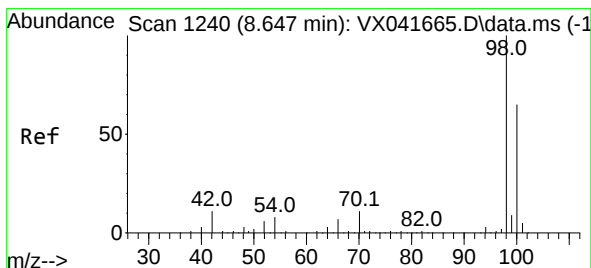
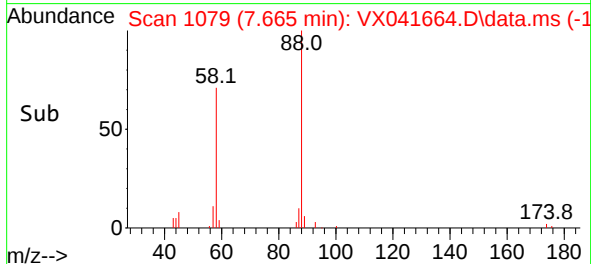
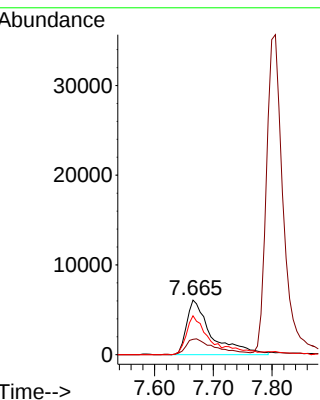
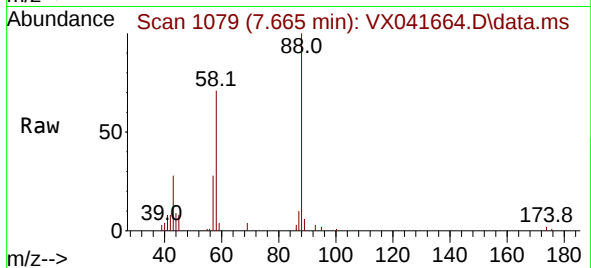
58 69.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#50

Toluene-d8

Concen: 18.565 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041664.D

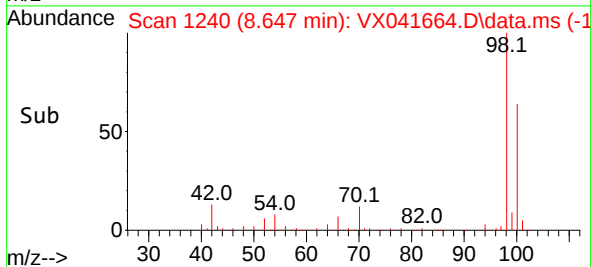
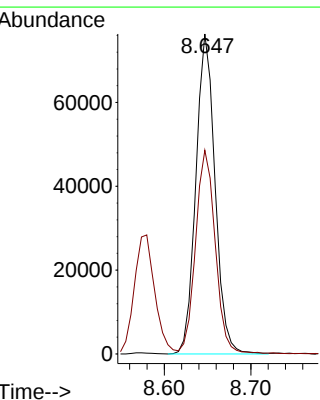
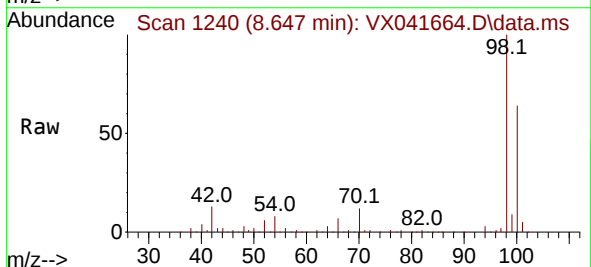
Acq: 29 May 2024 10:19

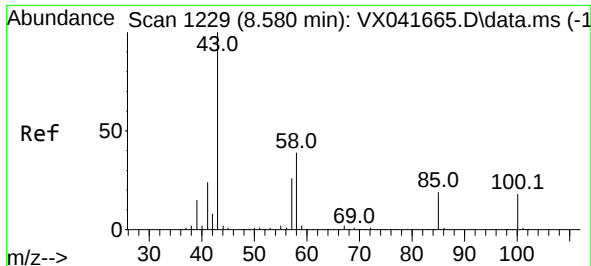
Tgt Ion: 98 Resp: 117572

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7





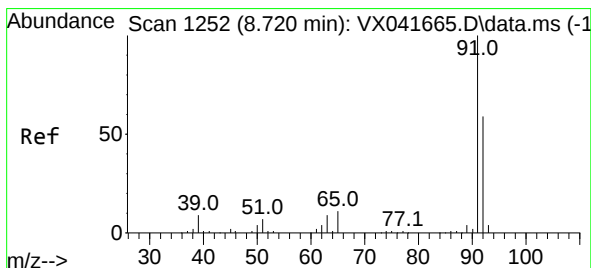
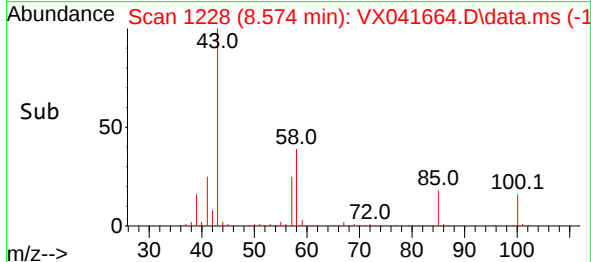
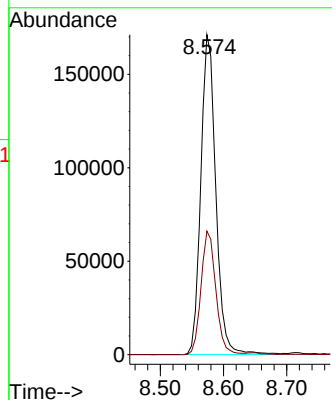
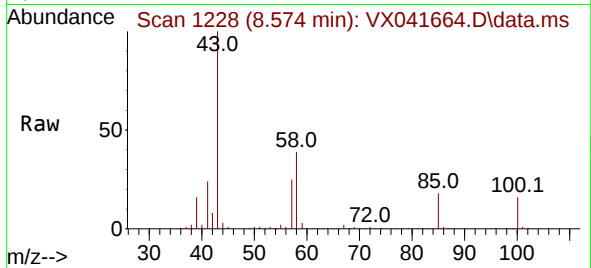
#51
4-Methyl-2-Pentanone
Concen: 104.204 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 28255
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

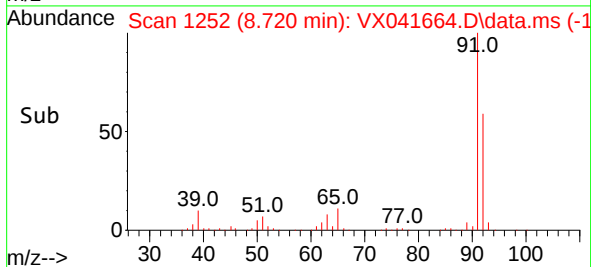
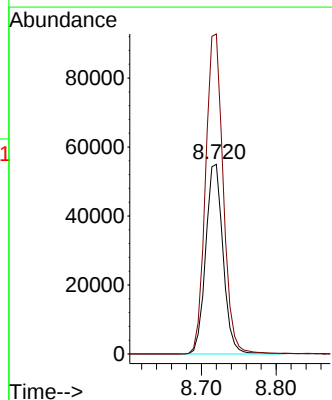
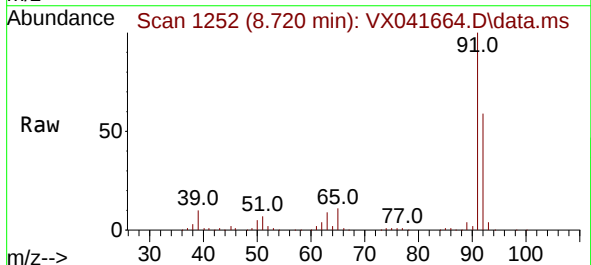
Manual Integrations
APPROVED

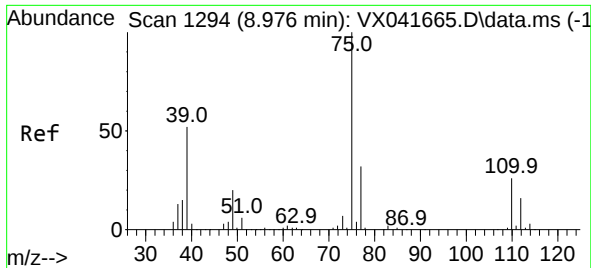
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#52
Toluene
Concen: 20.353 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 92 Resp: 88604
Ion Ratio Lower Upper
92 100
91 171.9 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 19.807 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX041664.D
 Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

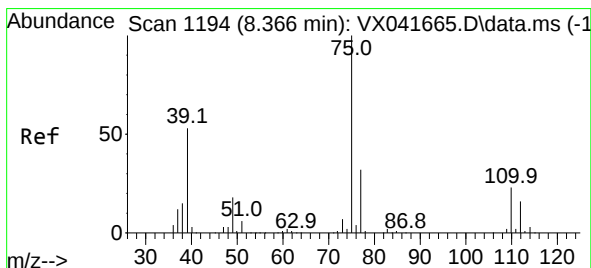
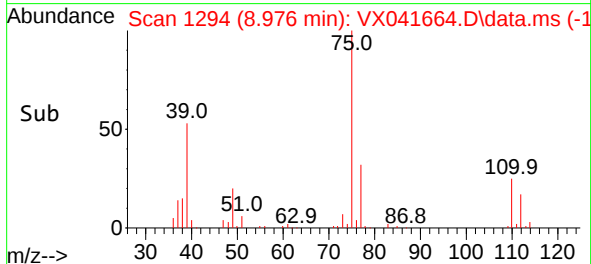
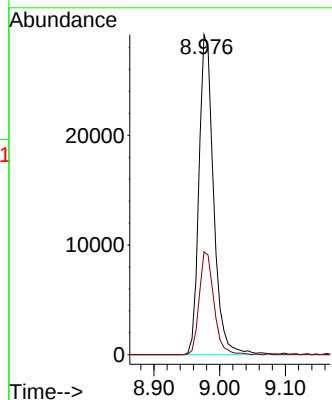
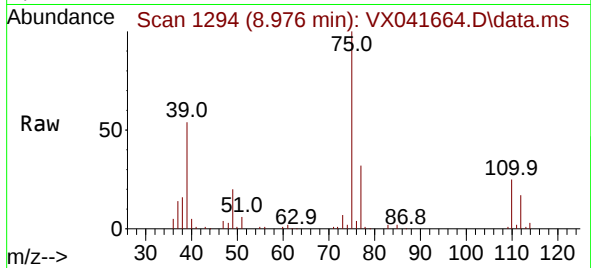
VSTDICC020

Tgt Ion: 75 Resp: 45160
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5

Manual Integrations

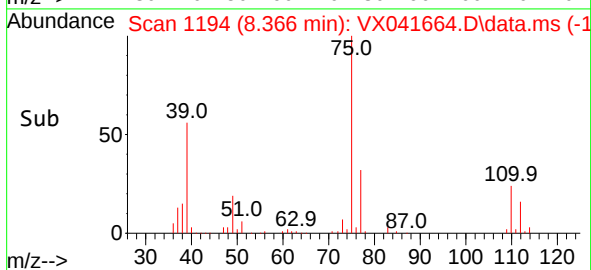
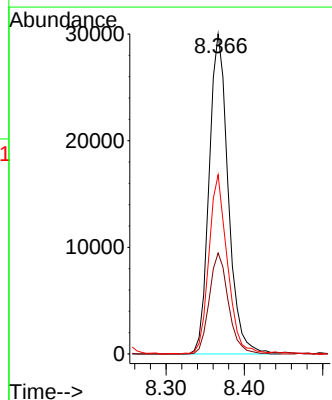
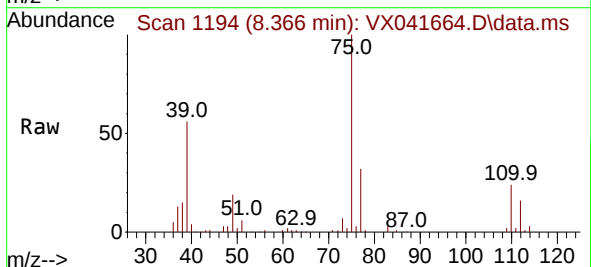
APPROVED

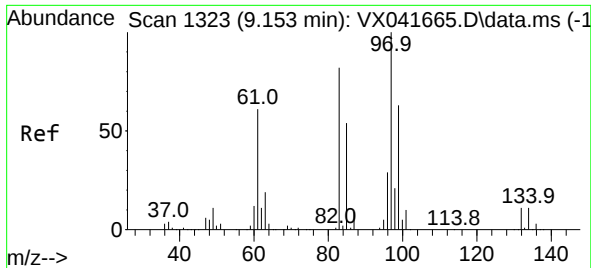
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.108 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041664.D
 Acq: 29 May 2024 10:19

Tgt Ion: 75 Resp: 50718
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 56.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.254 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

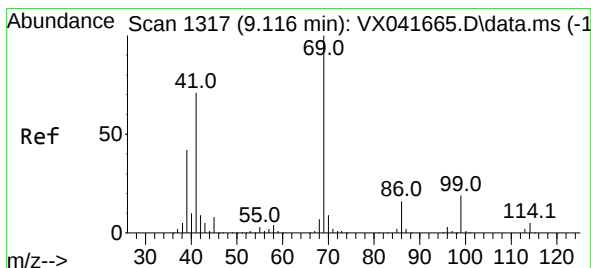
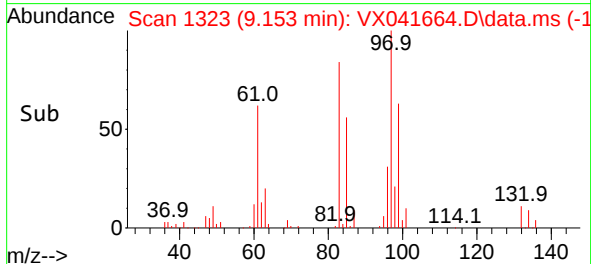
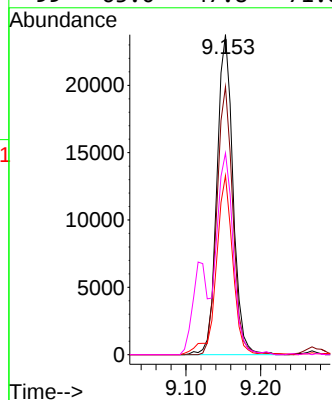
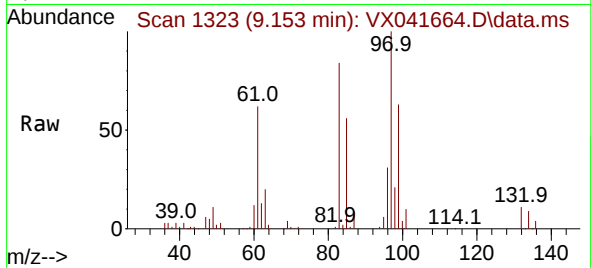
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.8	98.8
85	55.9	41.6	62.4
99	63.0	47.8	71.8

Manual Integrations

APPROVED

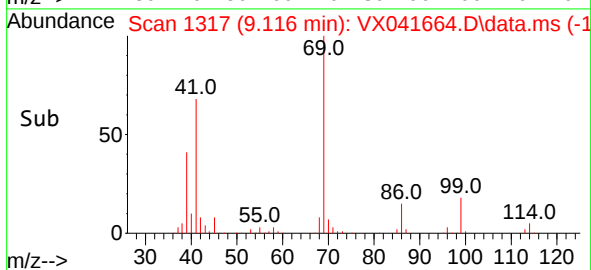
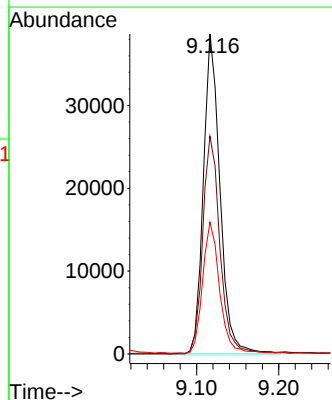
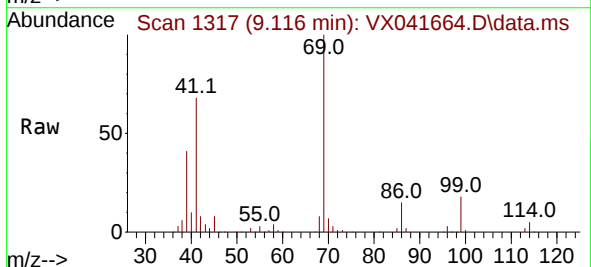
Reviewed By :John Carlone 05/30/2024

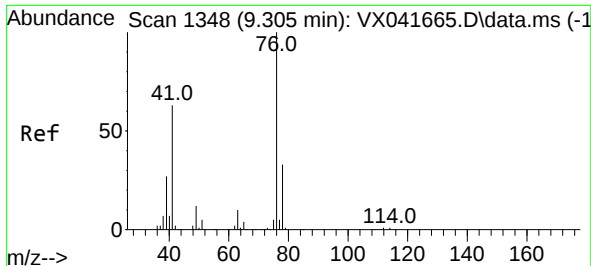
Supervised By :Semsettin Yesilyurt 05/30/2024



#56
Ethyl methacrylate
Concen: 20.304 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.8	85.2
39	42.2	32.0	48.0





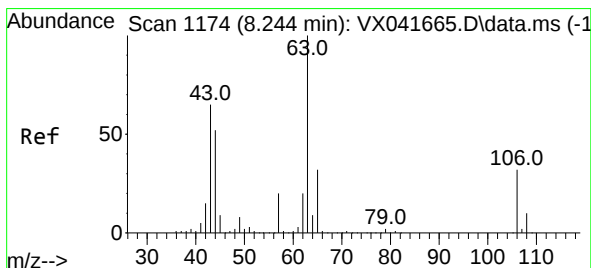
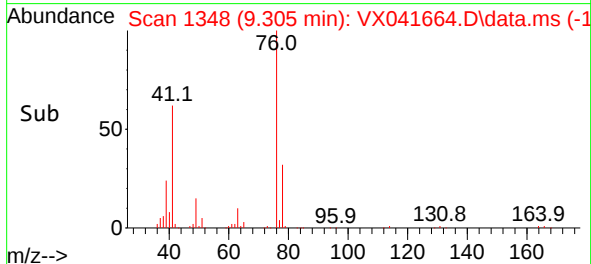
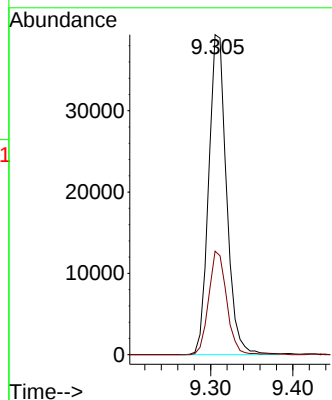
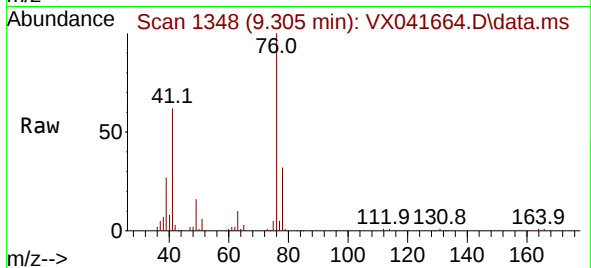
#57
1,3-Dichloropropane
Concen: 20.310 ug/l
RT: 9.305 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 5917
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

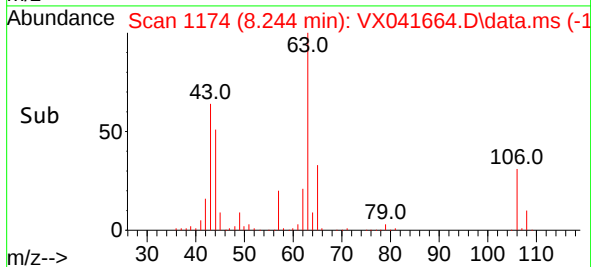
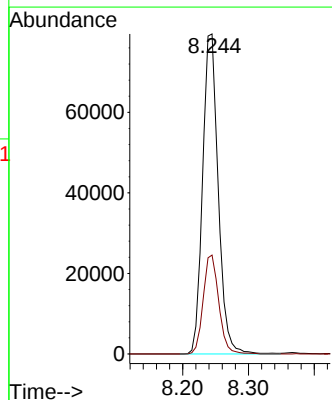
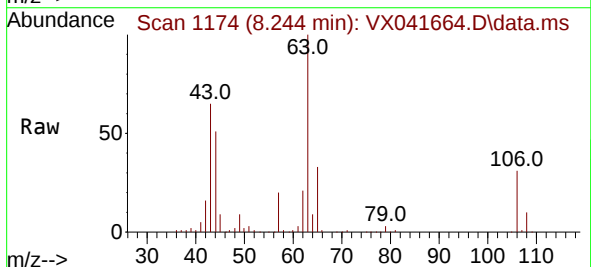
Manual Integrations
APPROVED

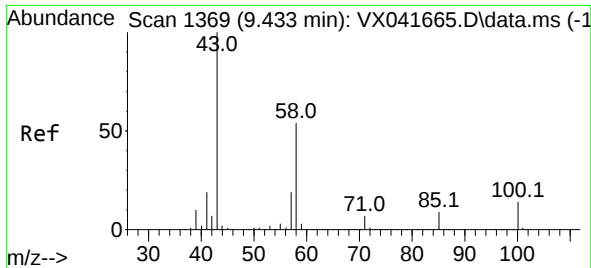
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 103.902 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 63 Resp: 131025
Ion Ratio Lower Upper
63 100
106 30.8 22.5 33.7





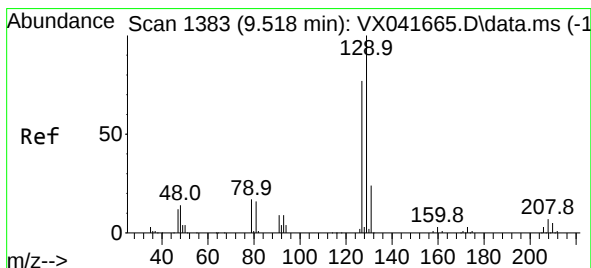
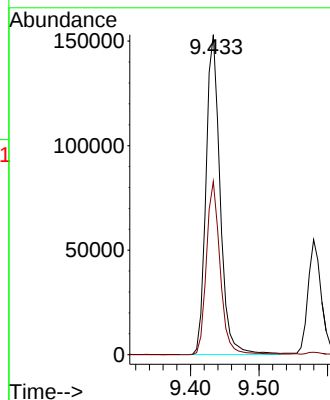
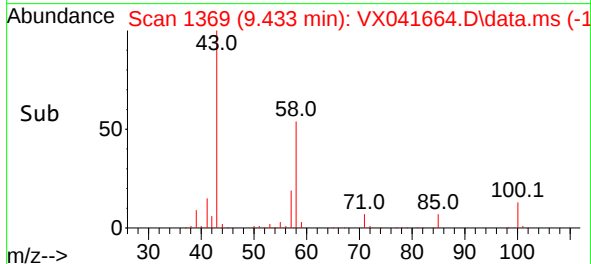
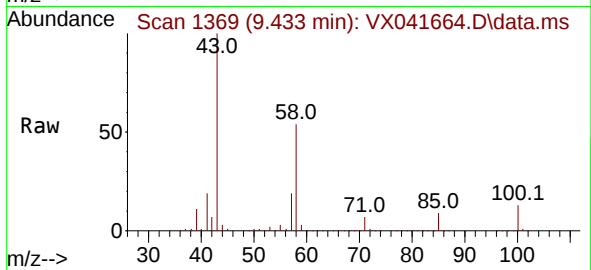
#59
2-Hexanone
Concen: 106.460 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 22008
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.5

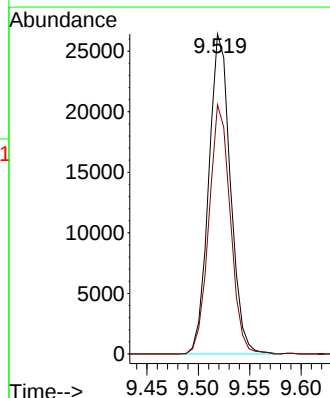
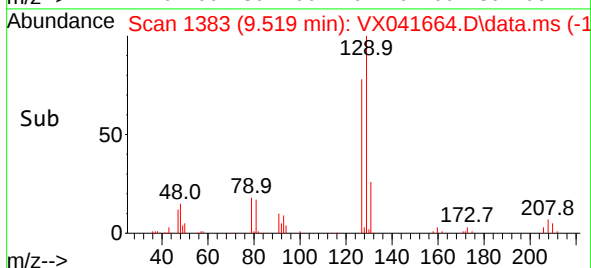
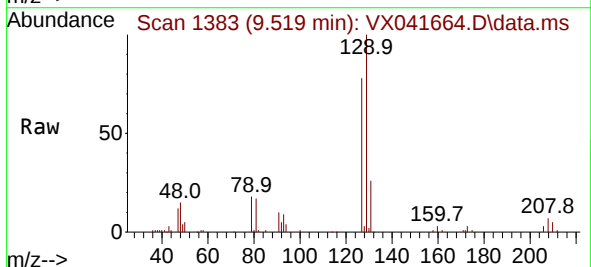
Manual Integrations
APPROVED

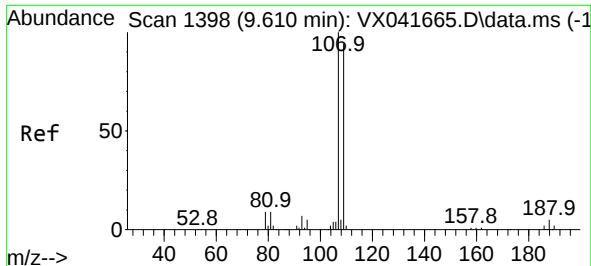
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#60
Dibromochloromethane
Concen: 19.901 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

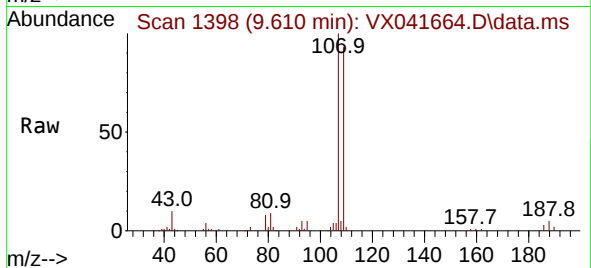
Tgt Ion:129 Resp: 38742
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.582 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

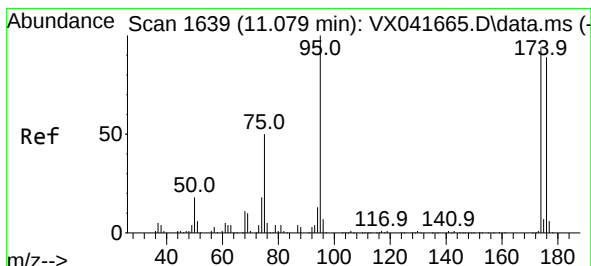
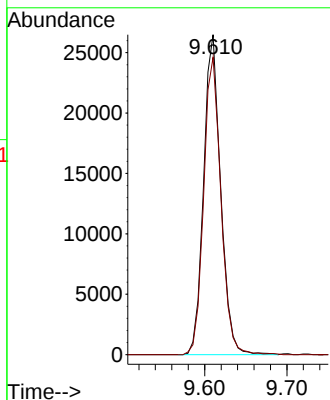
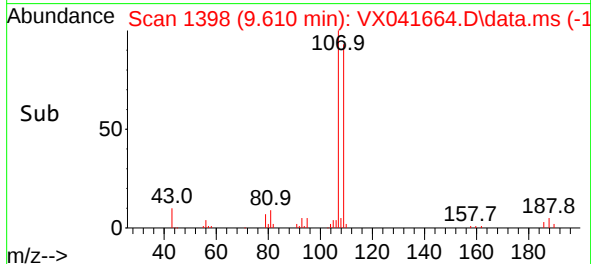
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 3812
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

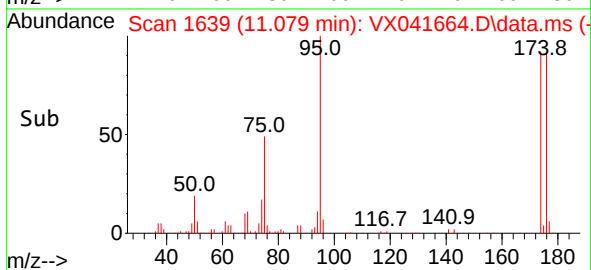
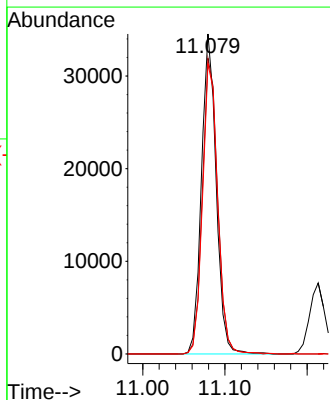
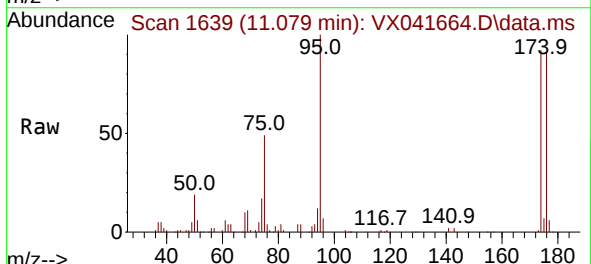
Manual Integrations
APPROVED

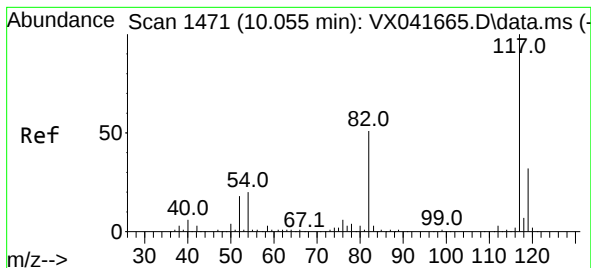
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#62
4-Bromofluorobenzene
Concen: 18.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

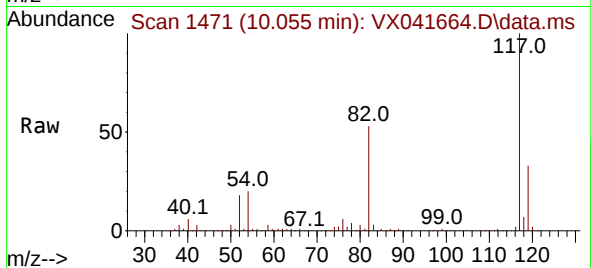
Tgt Ion: 95 Resp: 42818
Ion Ratio Lower Upper
95 100
174 95.9 0.0 135.6
176 93.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

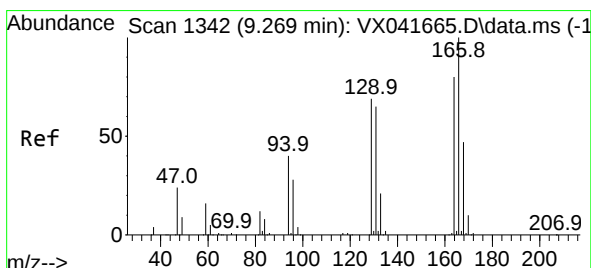
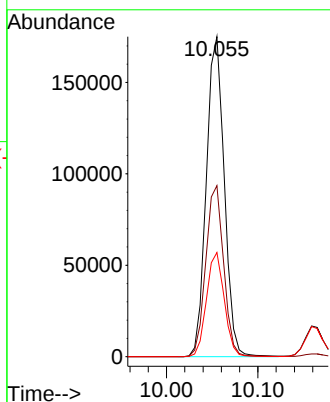
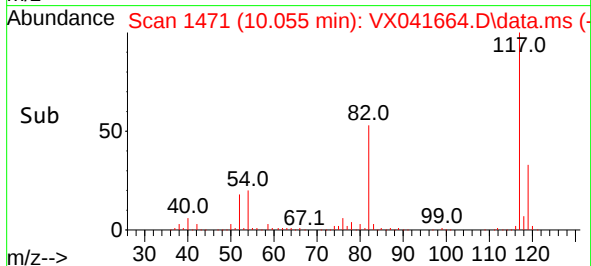
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 23850
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.6 25.5 38.3

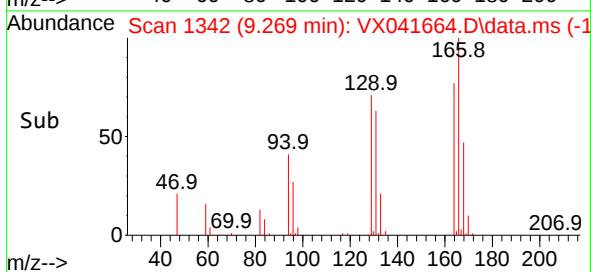
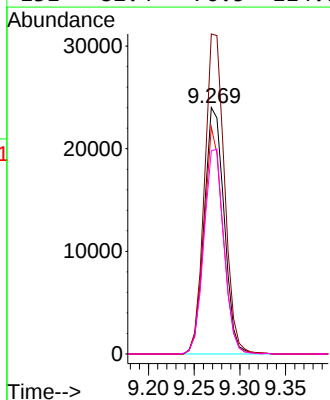
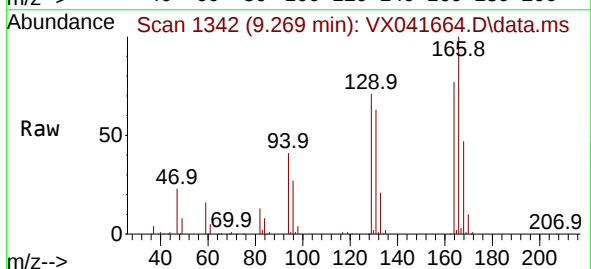
Manual Integrations
APPROVED

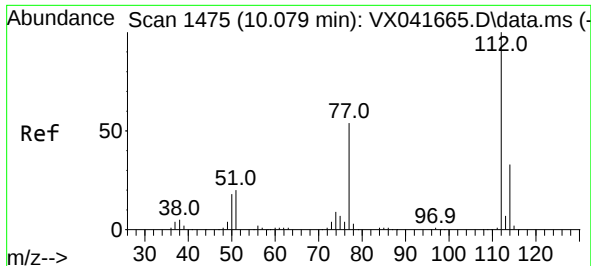
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#64
Tetrachloroethene
Concen: 20.332 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion:164 Resp: 36344
Ion Ratio Lower Upper
164 100
166 129.9 102.7 154.1
129 92.1 80.4 120.6
131 82.4 76.5 114.7





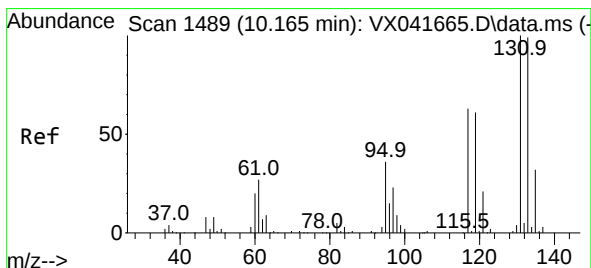
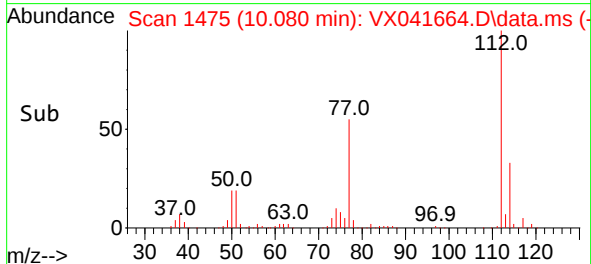
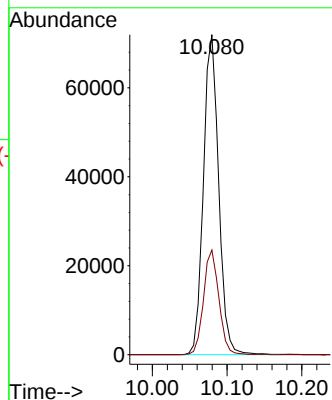
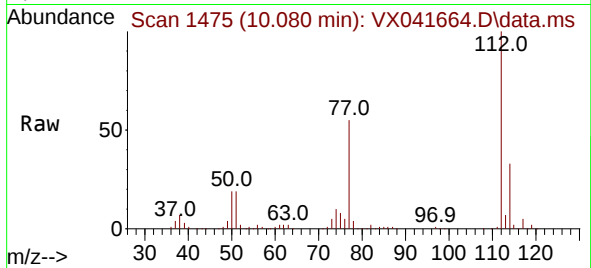
#65
Chlorobenzene
Concen: 19.910 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 10191
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

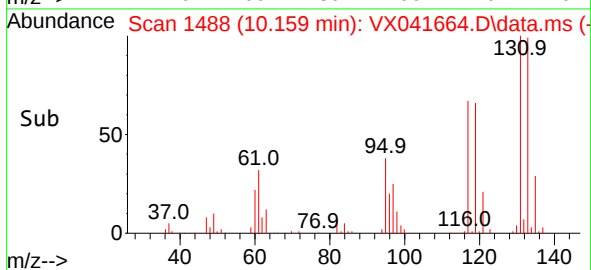
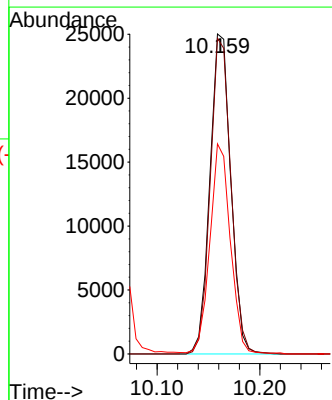
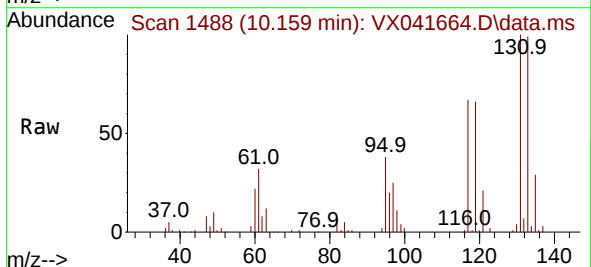
Manual Integrations
APPROVED

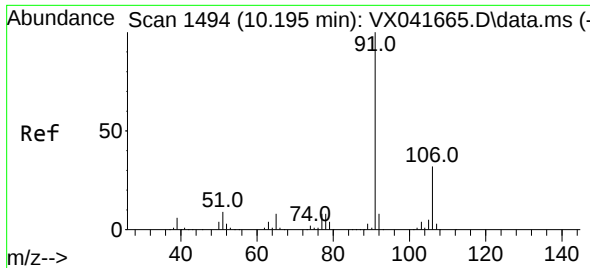
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.941 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

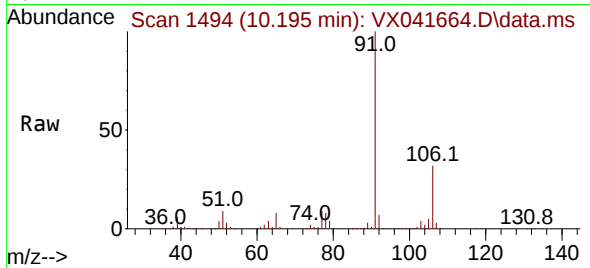
Tgt Ion:131 Resp: 35417
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 20.535 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

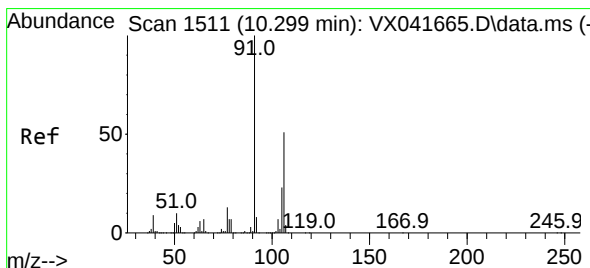
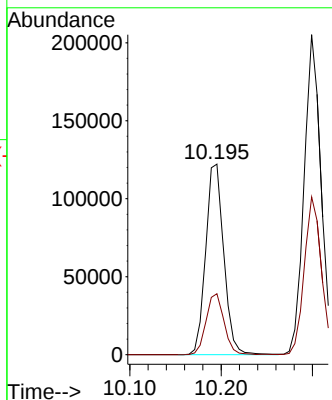
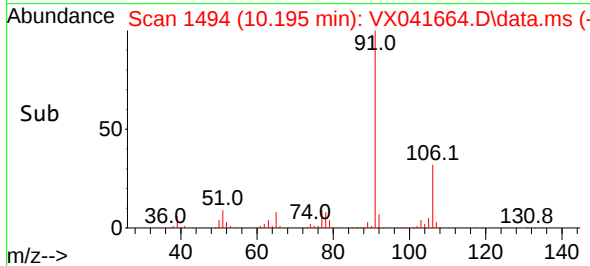
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



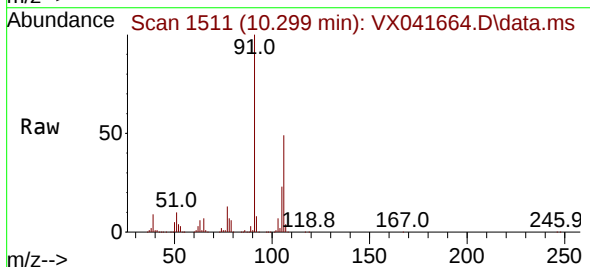
Tgt Ion: 91 Resp: 167510
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

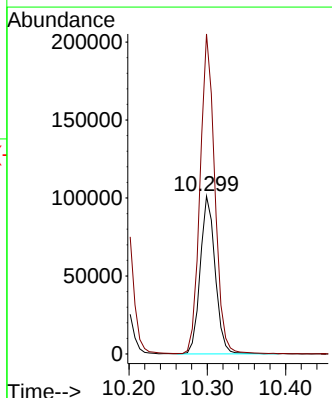
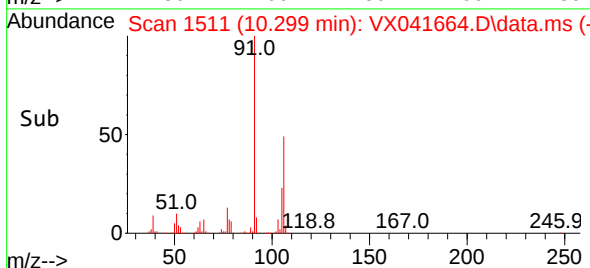
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

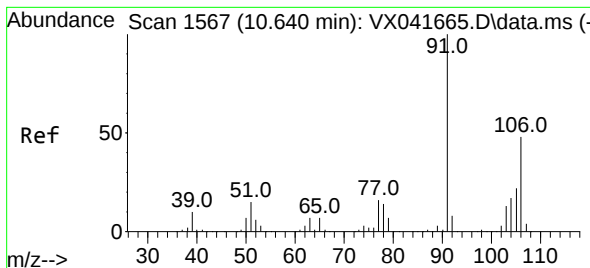


#68
m/p-Xylenes
Concen: 41.085 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19



Tgt Ion:106 Resp: 133325
Ion Ratio Lower Upper
106 100
91 200.8 165.5 248.3





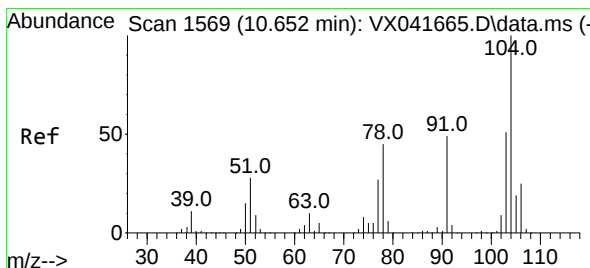
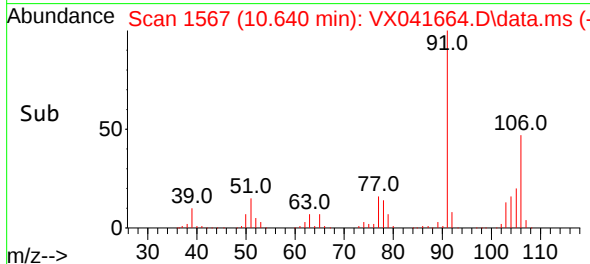
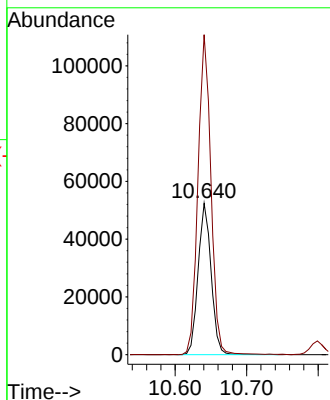
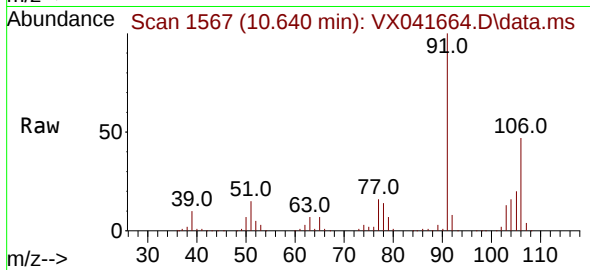
#69
o-Xylene
Concen: 20.539 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 66300
Ion Ratio Lower Upper
106 100
91 209.8 108.9 326.8

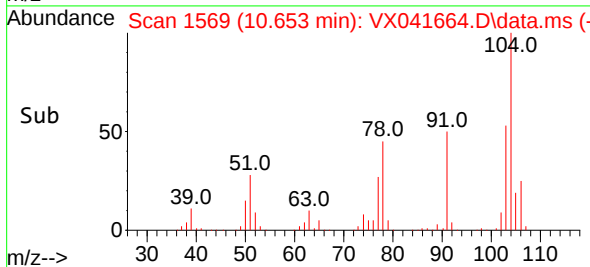
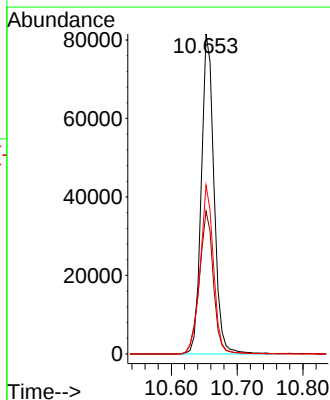
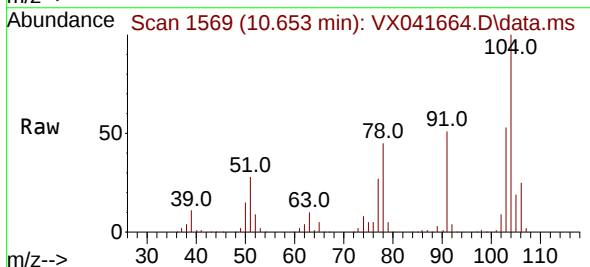
Manual Integrations
APPROVED

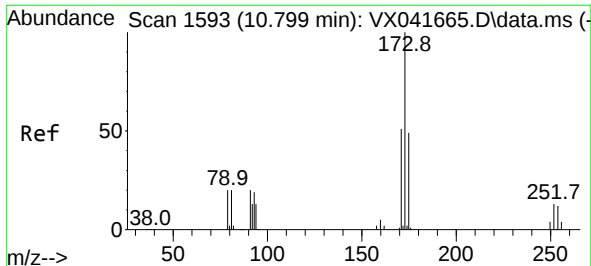
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#70
Styrene
Concen: 20.622 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

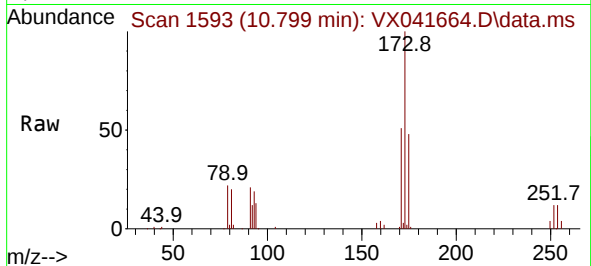
Tgt Ion:104 Resp: 109957
Ion Ratio Lower Upper
104 100
78 49.1 43.6 65.4
103 55.4 43.6 65.4





#71
Bromoform
Concen: 19.504 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

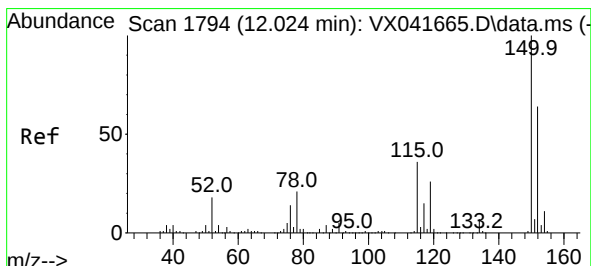
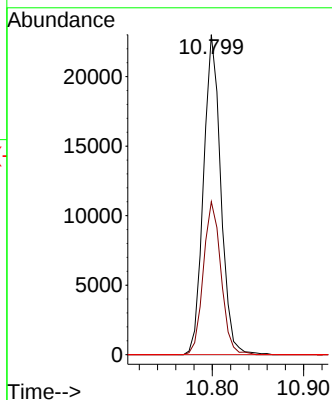
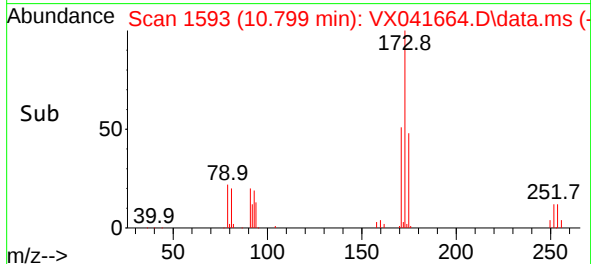
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



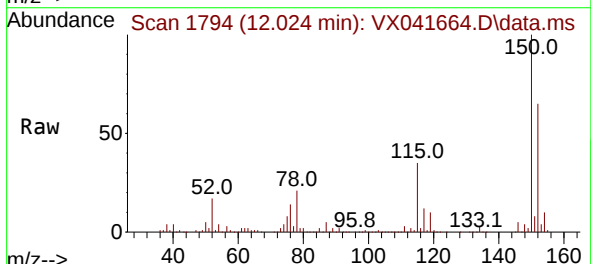
Tgt Ion:173 Resp: 30169
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

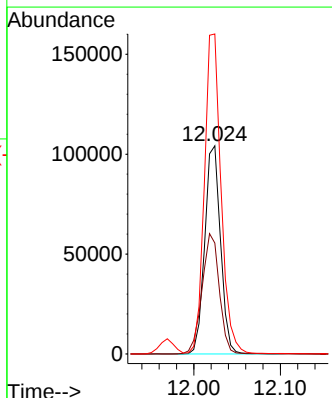
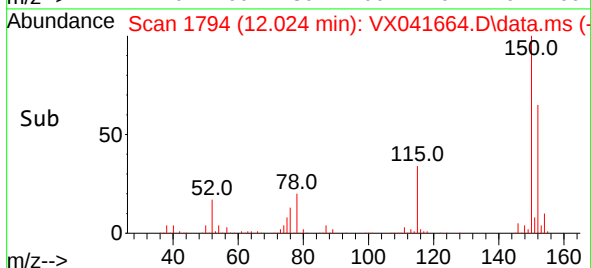
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

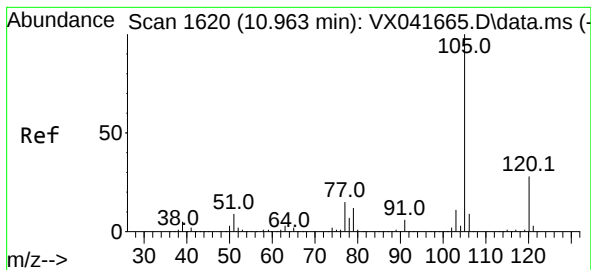


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19



Tgt Ion:152 Resp: 132200
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 162.0 0.0 345.0





#73

Isopropylbenzene

Concen: 20.843 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 170920

Ion Ratio Lower Upper

105 100

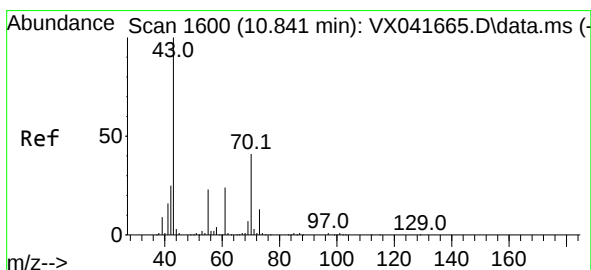
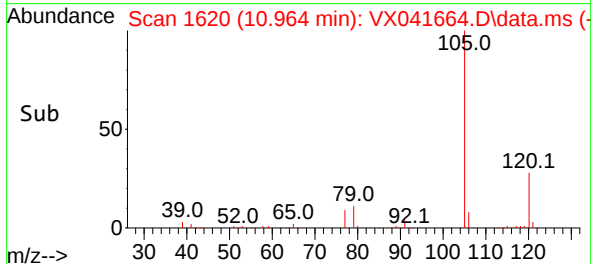
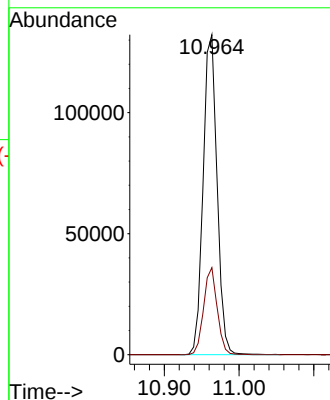
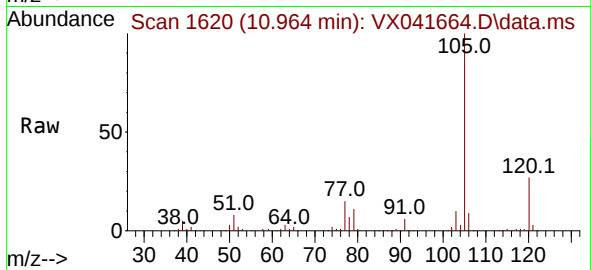
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#74

N-ethyl acetate

Concen: 20.292 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion: 43 Resp: 73714

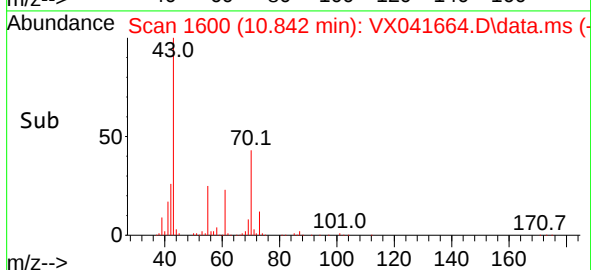
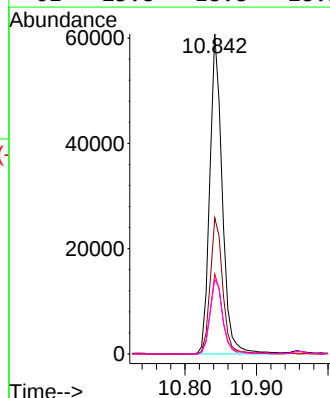
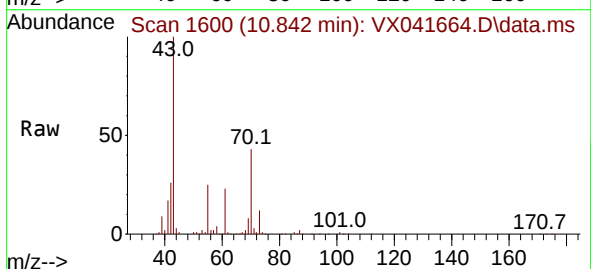
Ion Ratio Lower Upper

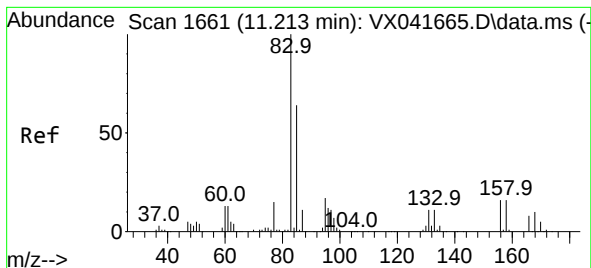
43 100

70 42.7 32.9 49.3

55 25.0 19.3 28.9

61 23.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.970 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

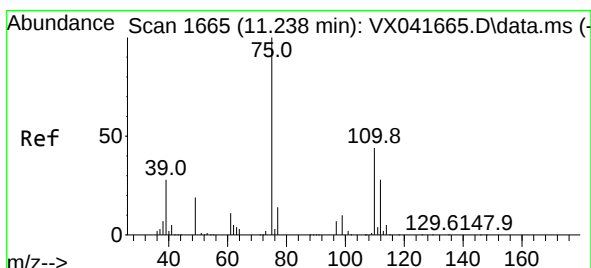
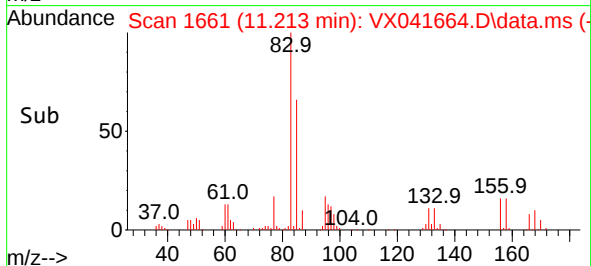
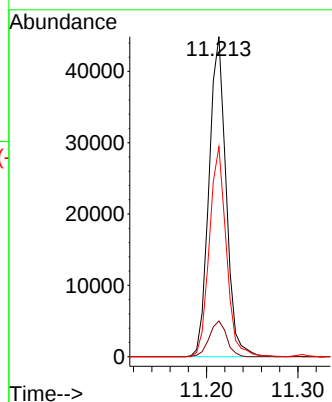
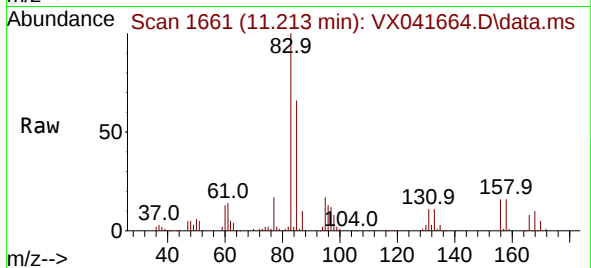
Tgt Ion:	83	Resp:	5811
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.3	15.8
85	64.9	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#76

1,2,3-Trichloropropane

Concen: 20.256 ug/l m

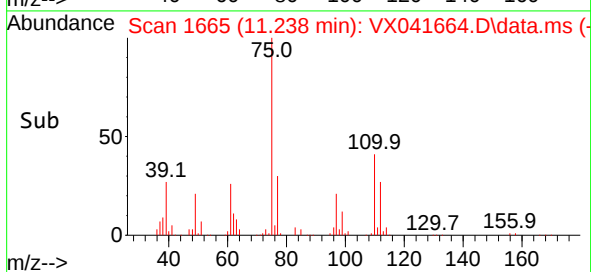
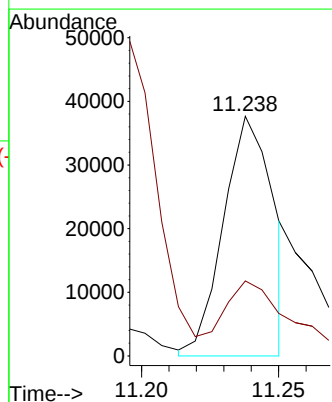
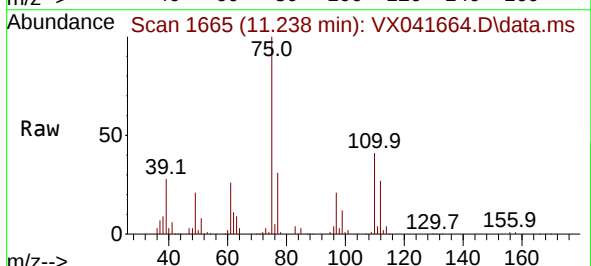
RT: 11.238 min Scan# 1665

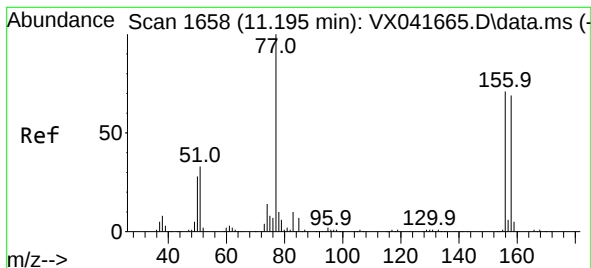
Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion:	75	Resp:	47588
Ion Ratio	Lower	Upper	
75	100		
77	42.0	19.1	57.5





#77

Bromobenzene

Concen: 20.158 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

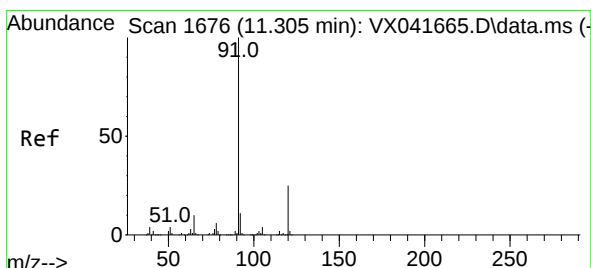
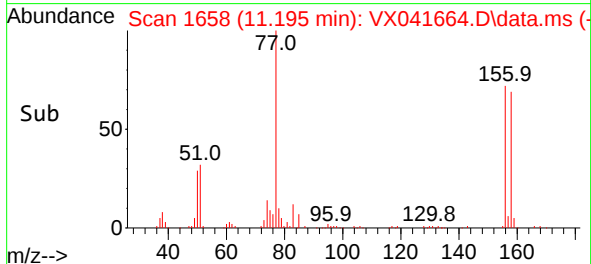
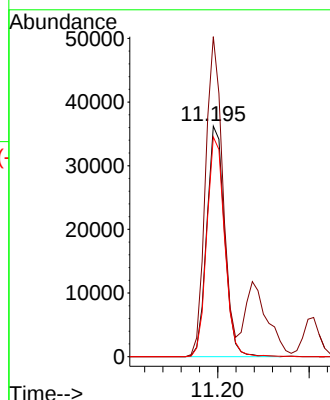
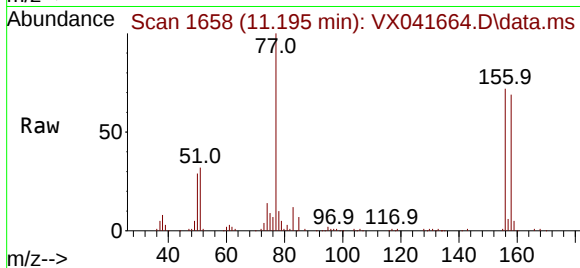
Tgt Ion:	156	Resp:	4879
Ion Ratio	Lower	Upper	
156	100		
77	134.4	88.4	265.3
158	95.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#78

n-propylbenzene

Concen: 20.955 ug/l

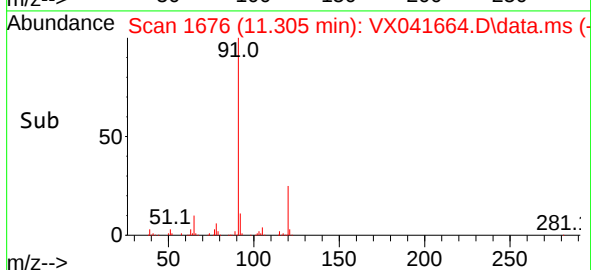
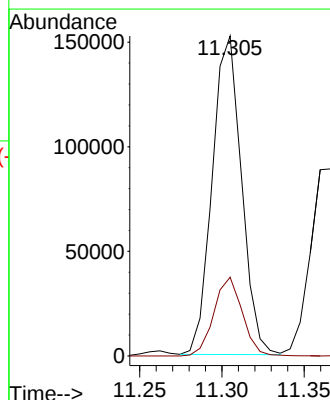
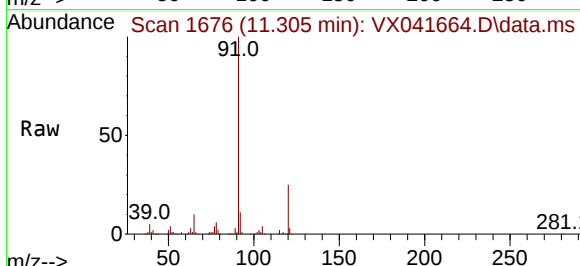
RT: 11.305 min Scan# 1676

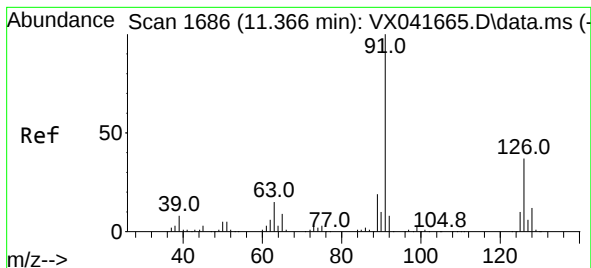
Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Tgt Ion:	91	Resp:	188688
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.417 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 11816

Ion Ratio Lower Upper

91 100

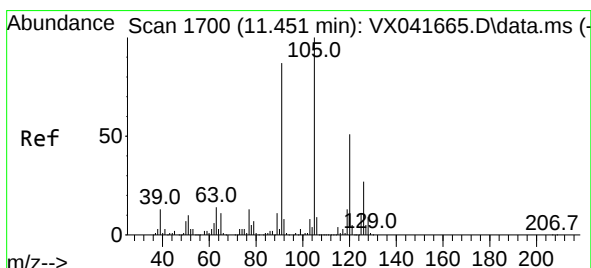
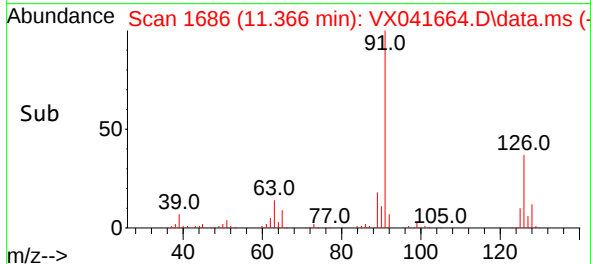
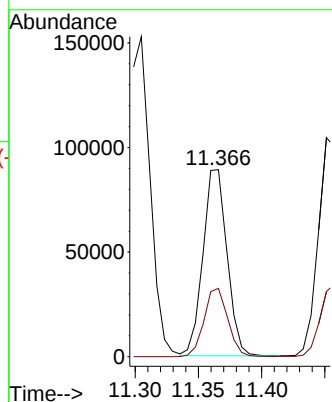
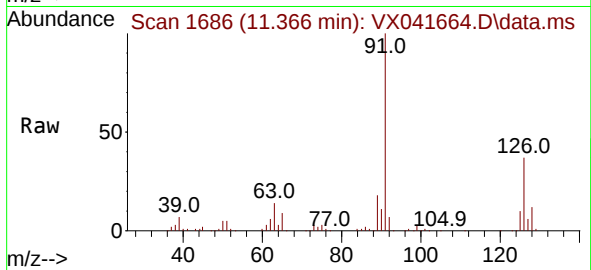
126 36.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.849 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041664.D

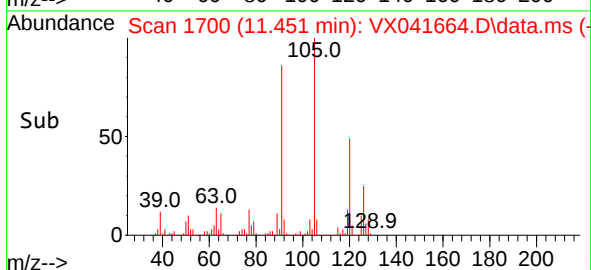
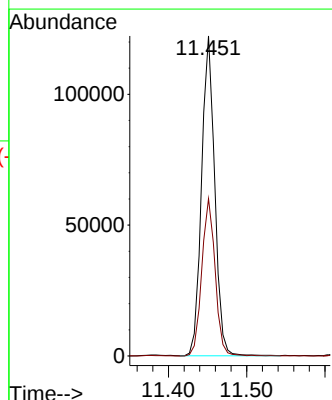
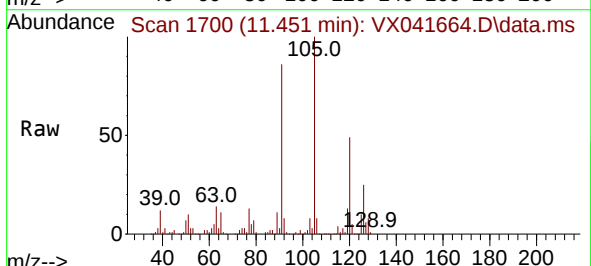
Acq: 29 May 2024 10:19

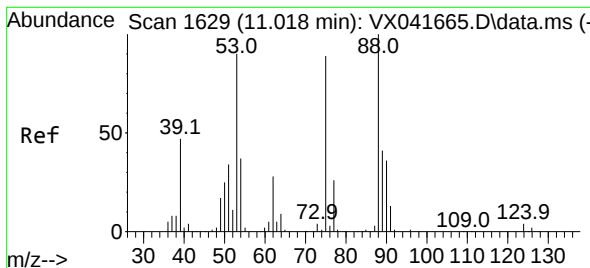
Tgt Ion:105 Resp: 142747

Ion Ratio Lower Upper

105 100

120 49.9 24.1 72.3





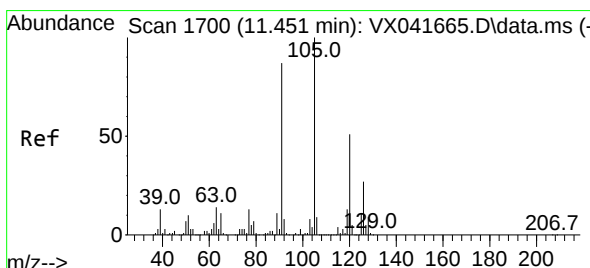
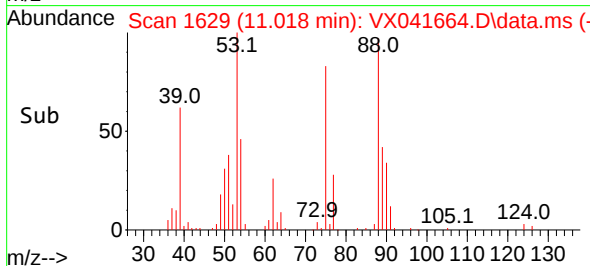
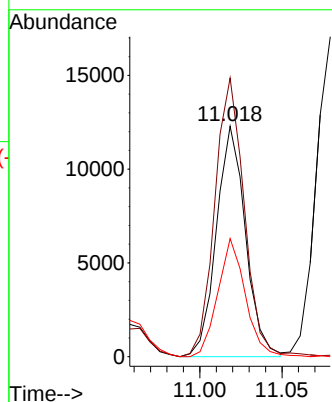
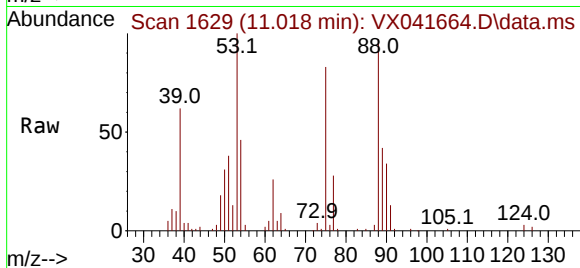
#81
trans-1,4-Dichloro-2-butene
Concen: 17.861 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 15110
Ion Ratio Lower Upper
75 100
53 122.6 90.5 135.7
89 48.8 36.9 55.3

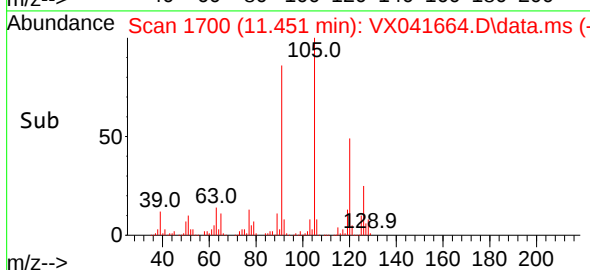
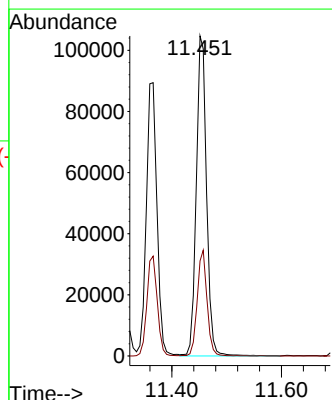
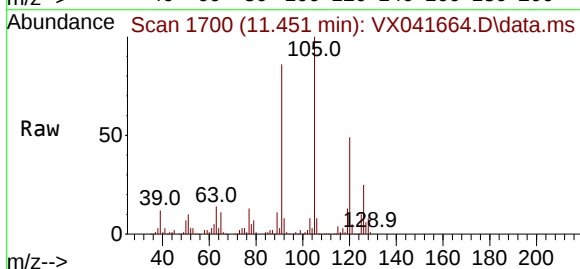
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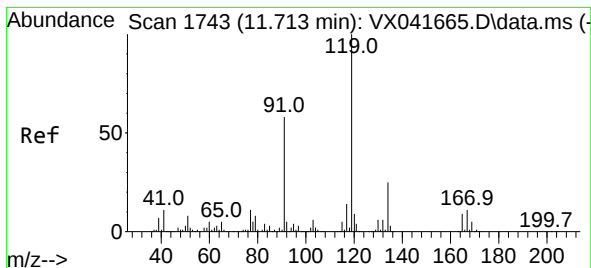
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#82
4-Chlorotoluene
Concen: 20.784 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion: 91 Resp: 136851
Ion Ratio Lower Upper
91 100
126 31.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.256 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 14939

Ion Ratio Lower Upper

119 100

91 56.3 31.2 93.6

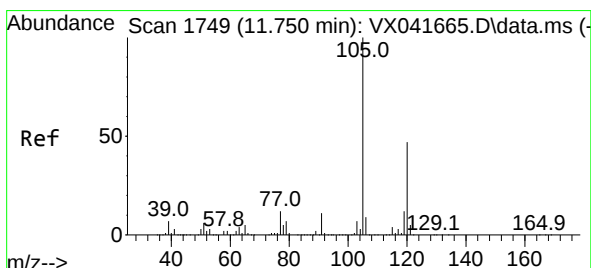
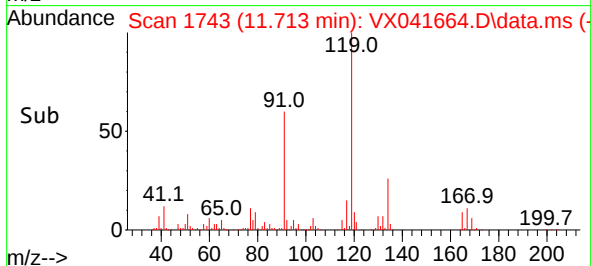
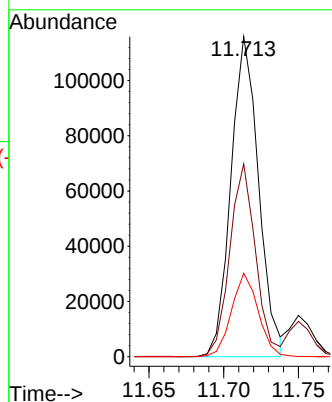
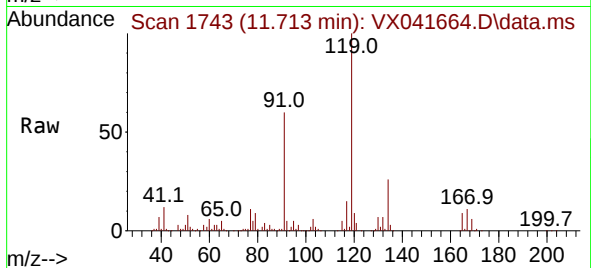
134 25.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#84

1,2,4-Trimethylbenzene

Concen: 21.060 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041664.D

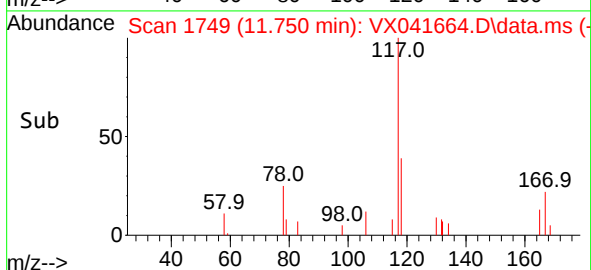
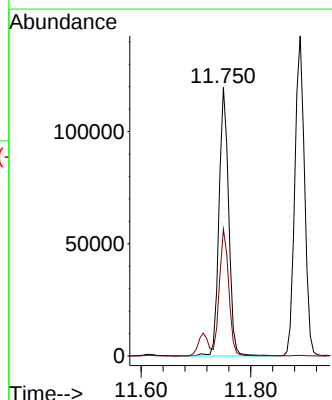
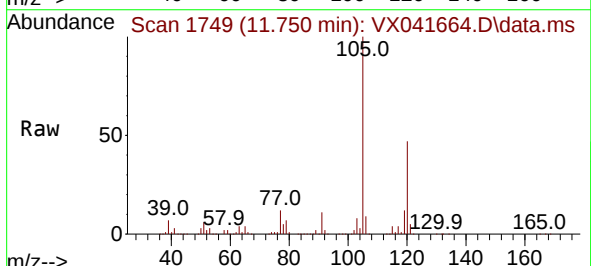
Acq: 29 May 2024 10:19

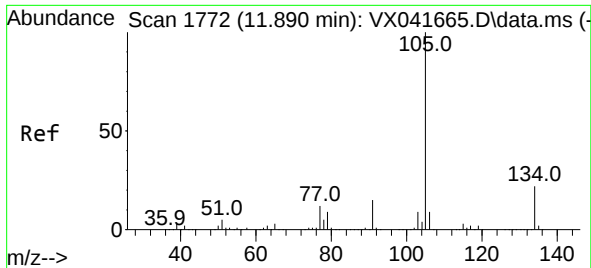
Tgt Ion:105 Resp: 146091

Ion Ratio Lower Upper

105 100

120 45.4 21.2 63.6





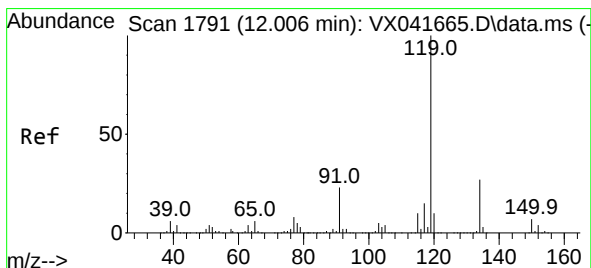
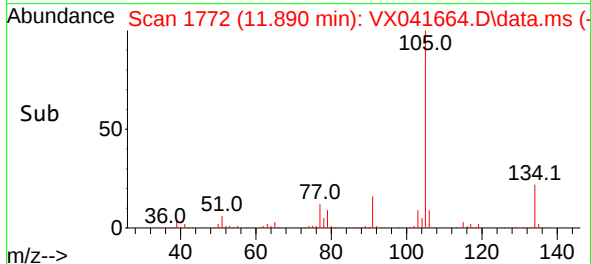
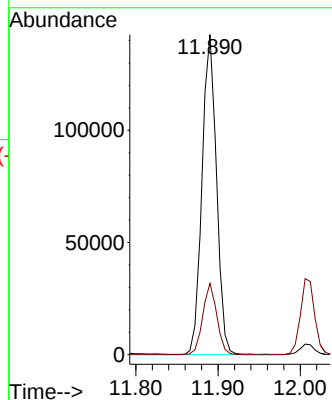
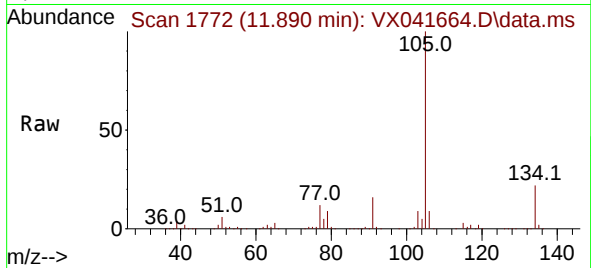
#85
 sec-Butylbenzene
 Concen: 20.645 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041664.D
 Acq: 29 May 2024 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 174558
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.8 29.4

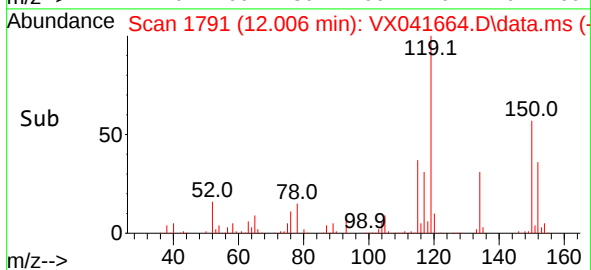
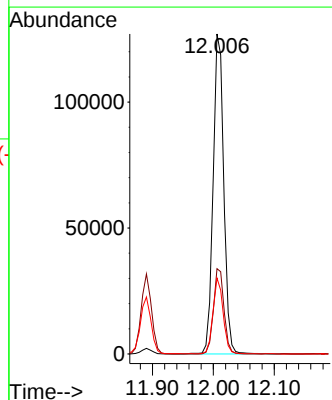
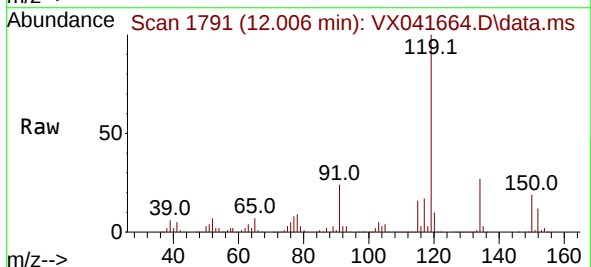
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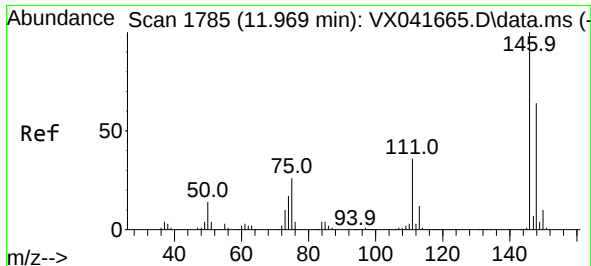
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024



#86
 p-Isopropyltoluene
 Concen: 20.777 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041664.D
 Acq: 29 May 2024 10:19

Tgt Ion:119 Resp: 154073
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 22.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.140 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041664.D

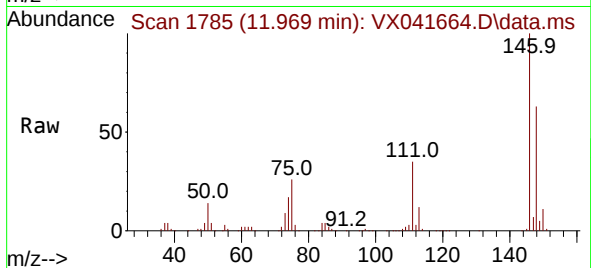
Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



Tgt Ion:146 Resp: 87064

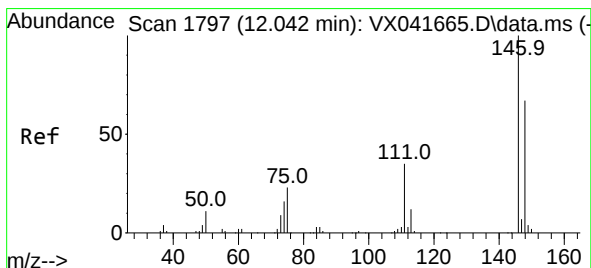
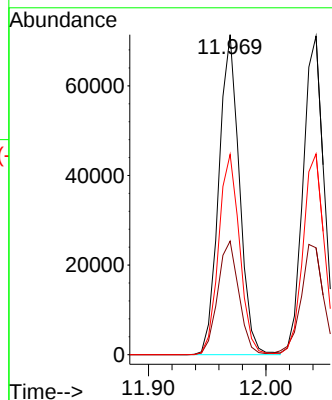
Ion	Ratio	Lower	Upper
146	100		
111	36.6	22.1	66.1
148	63.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#88

1,4-Dichlorobenzene

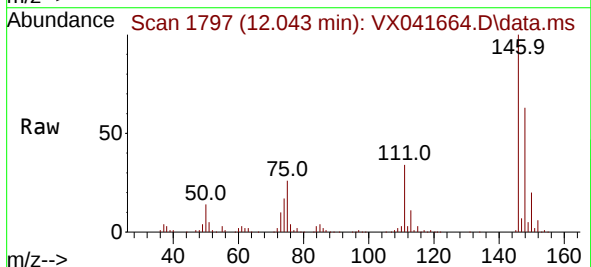
Concen: 19.811 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

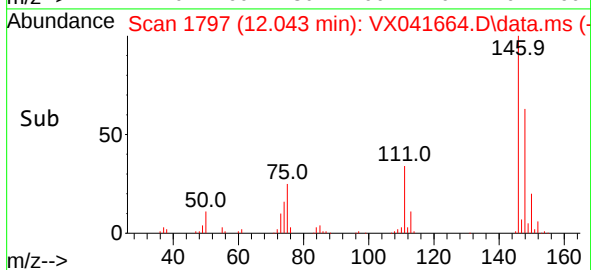
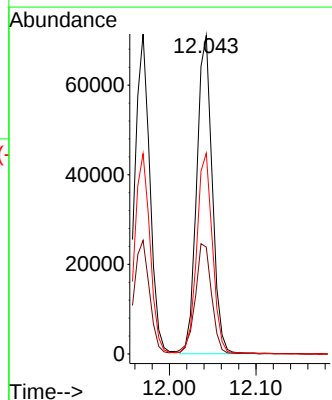
Lab File: VX041664.D

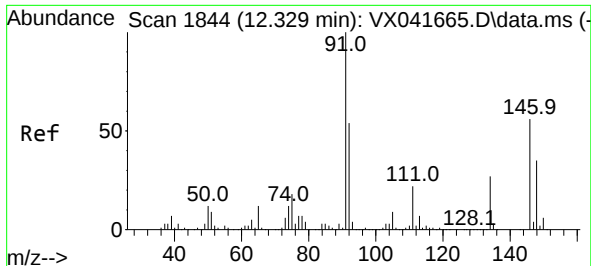
Acq: 29 May 2024 10:19



Tgt Ion:146 Resp: 88280

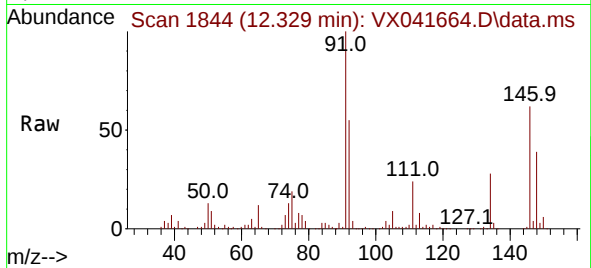
Ion	Ratio	Lower	Upper
146	100		
111	36.5	21.3	63.7
148	64.5	31.8	95.4





#89
n-Butylbenzene
Concen: 20.338 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

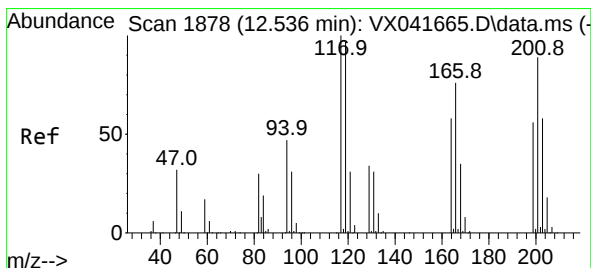
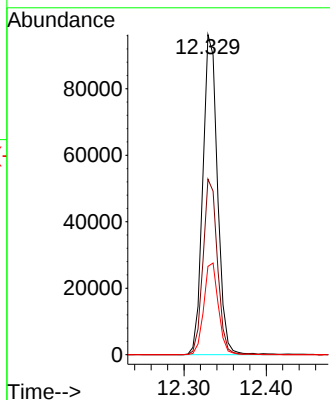
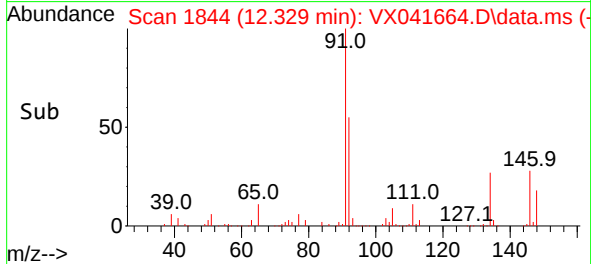
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 11939
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.0
134 28.4 12.6 37.8

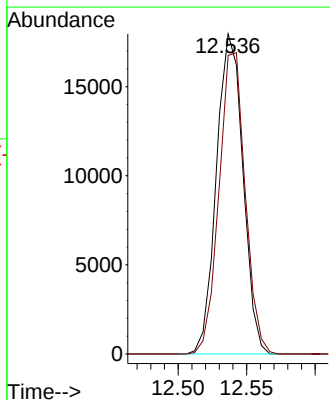
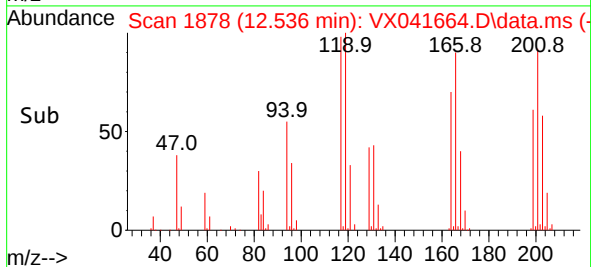
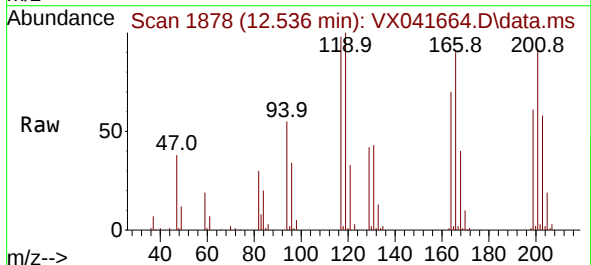
Manual Integrations
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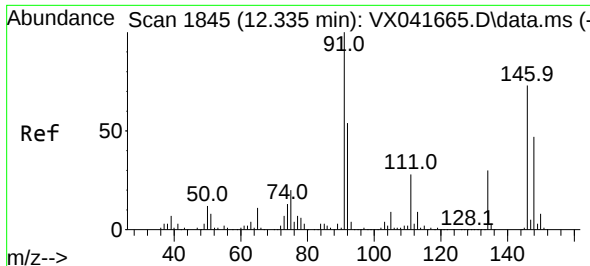
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#90
Hexachloroethane
Concen: 19.175 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

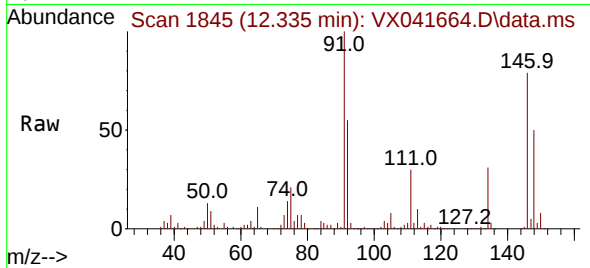
Tgt Ion:117 Resp: 24185
Ion Ratio Lower Upper
117 100
201 92.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.337 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

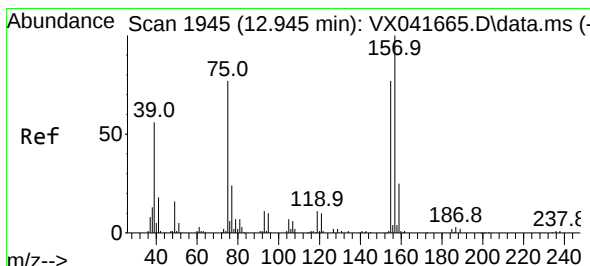
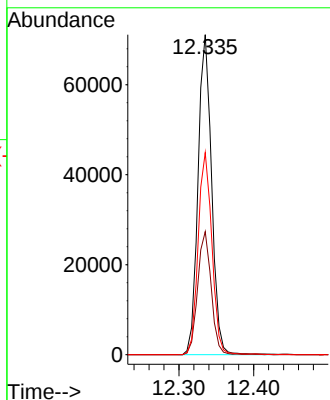
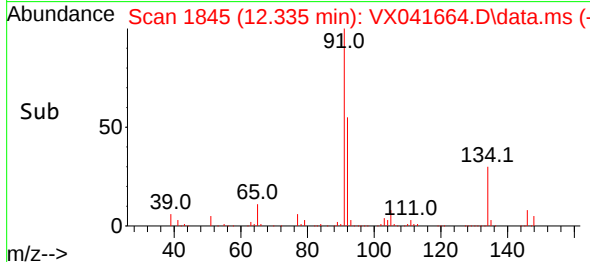
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



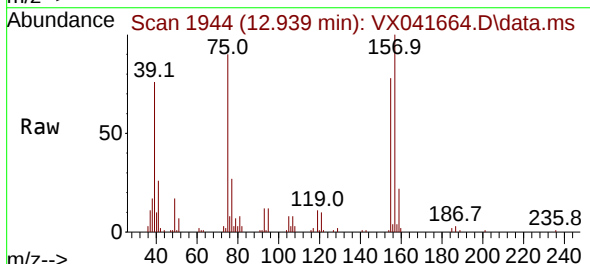
Tgt Ion:146 Resp: 89549
Ion Ratio Lower Upper
146 100
111 38.3 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

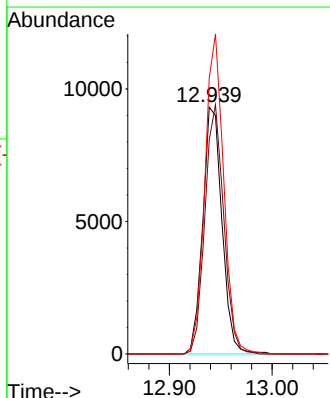
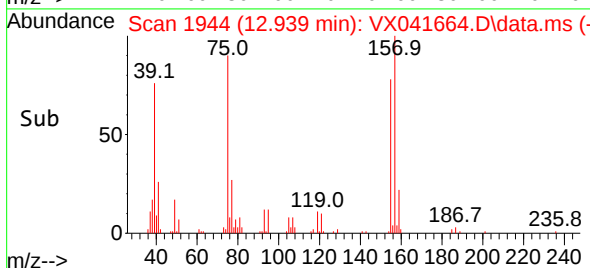
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

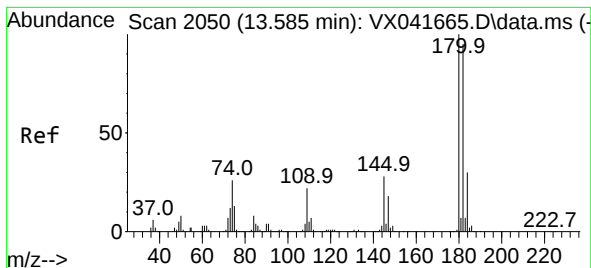


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.615 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19



Tgt Ion: 75 Resp: 12120
Ion Ratio Lower Upper
75 100
155 99.0 36.1 108.5
157 126.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.700 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

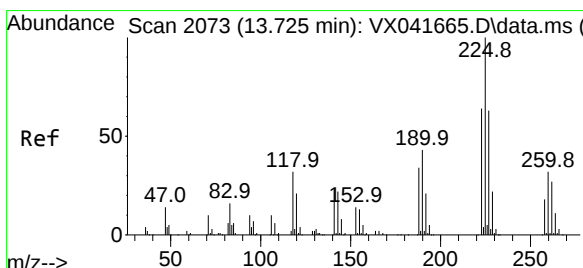
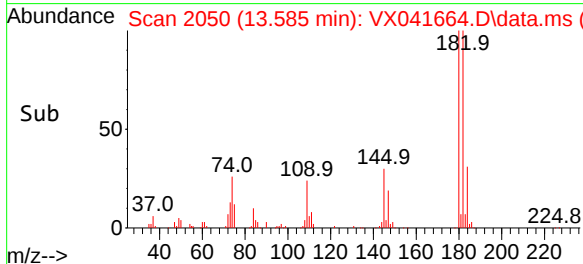
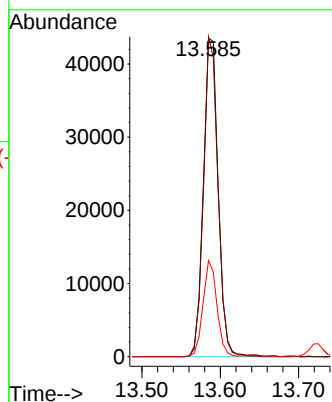
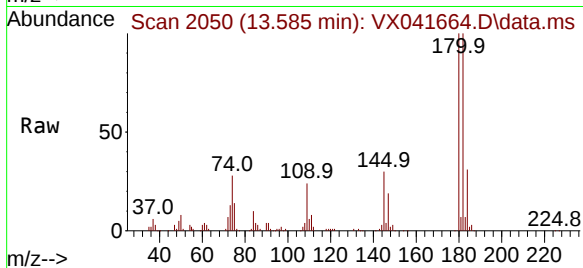
Tgt Ion:180	Resp:	5717
Ion Ratio	Lower	Upper
180	100	
182	97.3	48.3 144.8
145	28.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#94

Hexachlorobutadiene

Concen: 19.854 ug/l

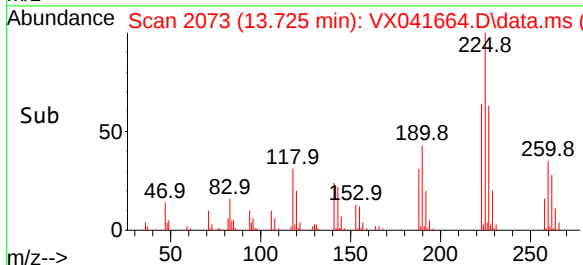
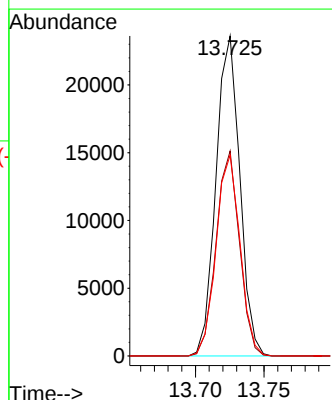
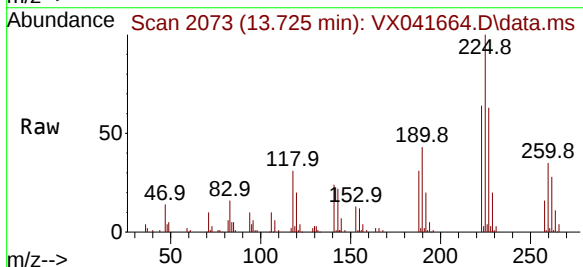
RT: 13.725 min Scan# 2073

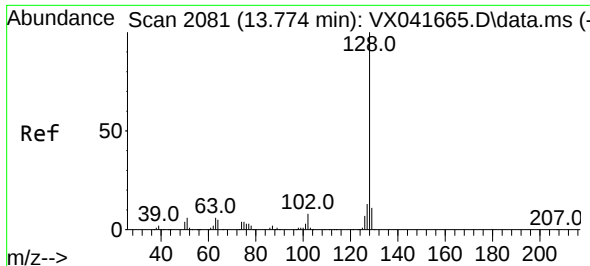
Delta R.T. 0.000 min

Lab File: VX041664.D

Acq: 29 May 2024 10:19

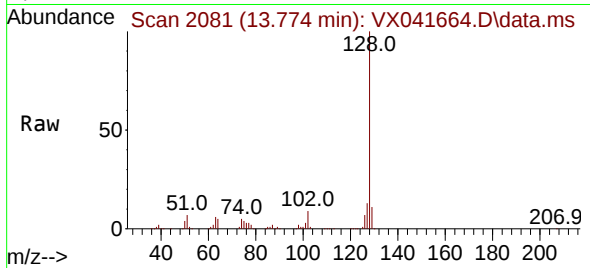
Tgt Ion:225	Resp:	28546
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.1 93.2
227	62.8	32.5 97.5





#95
Naphthalene
Concen: 20.216 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

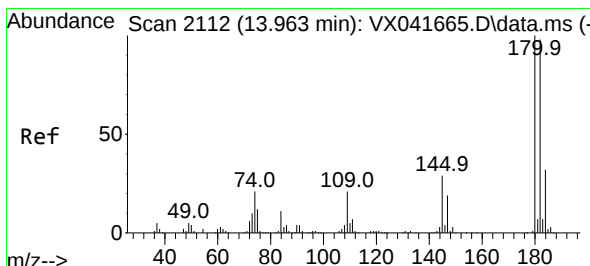
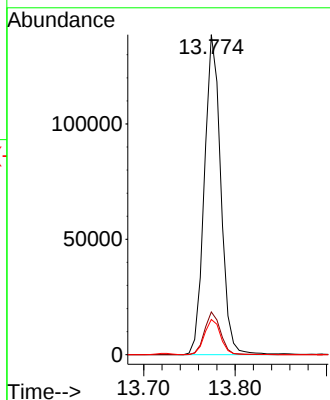
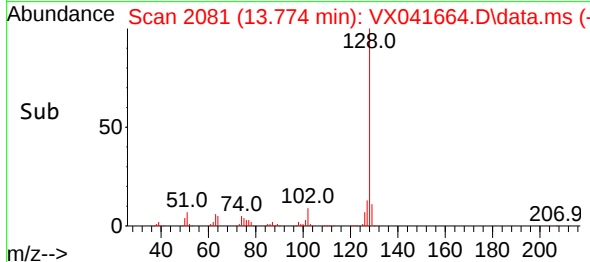
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 173120
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.251 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041664.D
Acq: 29 May 2024 10:19

Tgt Ion:180 Resp: 60485
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 28.9 17.8 53.5

