

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036525.D
 Acq On : 13 Jul 2023 14:32
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

Quant Time: Jul 14 02:26:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 02:24:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	32097	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	182634	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	164557	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	77541	29.108	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.033%		
60) 4-Bromofluorobenzene	11.079	95	80399	30.120	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.400%		
63) Toluene-d8	8.653	98	229334	30.286	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37263	20.779	ug/l	100
3) Chloromethane	1.301	50	47301	19.279	ug/l	100
4) Vinyl Chloride	1.374	62	51117	20.204	ug/l	100
5) Bromomethane	1.612	94	51405	19.840	ug/l	100
6) Chloroethane	1.685	64	33802	19.629	ug/l	100
7) Trichlorofluoromethane	1.886	101	83466	20.335	ug/l	100
8) Diethyl Ether	2.136	74	30088	17.642	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	35962	19.352	ug/l	100
10) 1,1-Dichloroethene	2.319	96	35955	19.143	ug/l	100
11) Methyl Iodide	2.453	142	35570	16.619	ug/l	100
12) Methyl Acetate	2.703	43	80871	18.317	ug/l	100
13) Acrolein	2.239	56	30175	83.313	ug/l	100
14) Acrylonitrile	3.069	53	113248	91.510	ug/l	100
15) Acetone	2.380	58	32277	92.123	ug/l	100
16) Carbon Disulfide	2.514	76	83841	18.398	ug/l	100
17) Allyl chloride	2.666	41	60542	18.170	ug/l	100
18) Methylene Chloride	2.788	84	40432	17.877	ug/l	100
19) trans-1,2-Dichloroethene	3.093	96	38340	18.675	ug/l	100
20) Diisopropyl ether	3.764	45	124518	18.336	ug/l	100
21) 1,1-Dichloroethane	3.611	63	73081	18.458	ug/l	100
22) cis-1,2-Dichloroethene	4.495	96	46111	18.662	ug/l	100
23) tert-Butyl Alcohol	2.965	59	50766	88.718	ug/l #	1
24) Methyl tert-Butyl Ether	3.117	73	123387	18.064	ug/l	100
25) Chloroform	5.099	83	75996	18.566	ug/l	100
26) Cyclohexane	5.471	56	60710	19.987	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	54093	19.641	ug/l	100
30) 2-Butanone	4.562	43	162968	93.979	ug/l	100
31) 2,2-Dichloropropane	4.477	77	56086	18.570	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	63800	19.495	ug/l	100
33) Carbon Tetrachloride	5.678	117	53608	19.202	ug/l	100
34) Benzene	6.044	78	160956	18.960	ug/l	100
35) Methacrylonitrile	4.922	41	33073	18.383	ug/l	100
36) 1,2-Dichloroethane	6.092	62	60344	18.525	ug/l	100
37) Trichloroethene	7.129	130	42310	18.937	ug/l	100
38) Methylcyclohexane	7.385	83	63995	19.974	ug/l	100
39) 1,2-Dichloropropane	7.434	63	42605	18.515	ug/l	100
40) Dibromomethane	7.586	93	30187	18.111	ug/l	100
41) Bromodichloromethane	7.824	83	54747	18.098	ug/l	100
42) Vinyl Acetate	3.721	43	480874	91.808	ug/l	100

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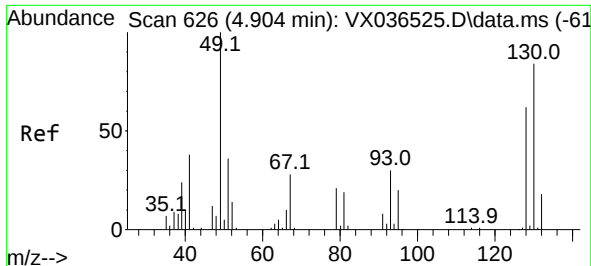
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 07/14/2023

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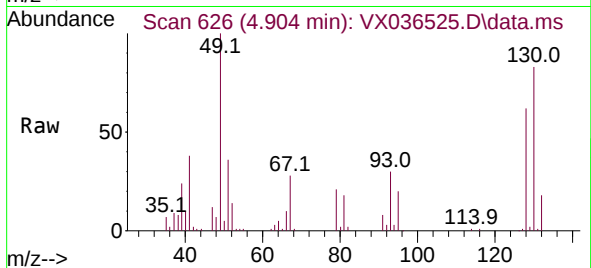
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	61453	18.206	ug/l	100
44) Isopropyl Acetate	6.342	43	99578	18.500	ug/l	100
45) 1,4-Dioxane	7.678	88	22407	367.311	ug/l #	1
46) Methyl methacrylate	7.696	41	46093	17.916	ug/l	100
47) n-amyl Acetate	10.842	43	82796	18.134	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	58721	17.699	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	65416	18.252	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	42655	18.852	ug/l	100
51) Ethyl methacrylate	9.116	69	65393	18.409	ug/l	100
52) 1,3-Dichloropropane	9.311	76	72280	18.929	ug/l	100
53) Dibromochloromethane	9.525	129	41073	17.984	ug/l	100
54) 1,2-Dibromoethane	9.610	107	43973	18.500	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	180526	94.493	ug/l	100
56) Bromoform	10.799	173	27811	17.503	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	323034	94.932	ug/l	100
59) 2-Hexanone	9.433	43	244146	94.311	ug/l	100
61) Tetrachloroethene	9.275	164	38903	19.738	ug/l	100
62) Toluene	8.720	91	177686	19.245	ug/l	100
64) Chlorobenzene	10.079	112	108930	18.951	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	38659	18.622	ug/l	100
66) Ethyl Benzene	10.195	91	193205	19.254	ug/l	100
67) m/p-Xylenes	10.305	106	150977	38.594	ug/l	100
68) o-Xylene	10.640	106	74849	19.279	ug/l	100
69) Styrene	10.653	104	119883	19.045	ug/l	100
70) Isopropylbenzene	10.963	105	188708	19.515	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	65301	18.502	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	61146m	18.783	ug/l	
73) Bromobenzene	11.201	156	44692	18.697	ug/l	100
74) n-propylbenzene	11.305	91	219031	19.245	ug/l	100
75) 2-Chlorotoluene	11.366	91	135573	19.589	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	161828	19.476	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	18229	16.974	ug/l	100
78) 4-Chlorotoluene	11.457	91	149093	18.920	ug/l	100
79) tert-butylbenzene	11.713	119	151328	19.188	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	157396	19.117	ug/l	100
81) sec-Butylbenzene	11.890	105	196829	19.828	ug/l	100
82) p-Isopropyltoluene	12.012	119	161930	19.607	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	84437	18.991	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	82638	18.652	ug/l	100
85) n-Butylbenzene	12.335	91	142942	19.013	ug/l	100
86) Hexachloroethane	12.542	117	24090	17.618	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	83179	18.651	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	14483	18.250	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	51547	18.329	ug/l	100
90) Hexachlorobutadiene	13.725	225	20740	20.304	ug/l	100
91) Naphthalene	13.774	128	181761	18.419	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	53058	18.691	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

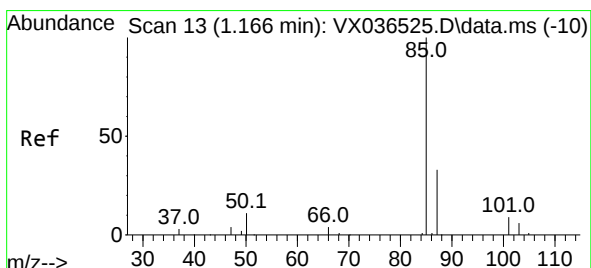
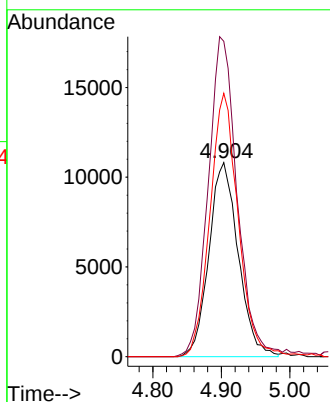
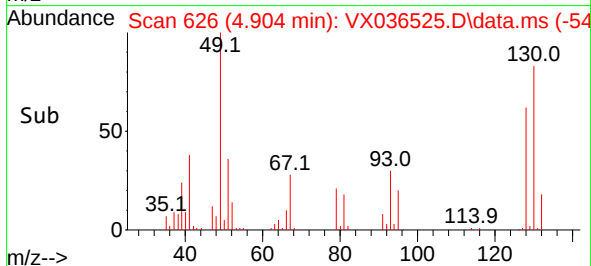
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion:128 Resp: 3209
 Ion Ratio Lower Upper
 128 100
 49 162.5 0.0 406.3
 130 131.2 0.0 328.0

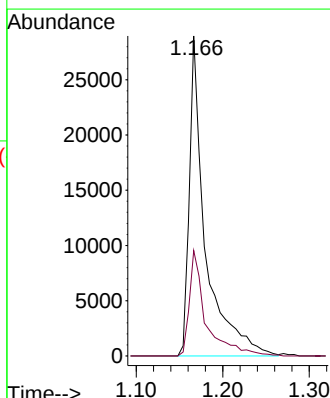
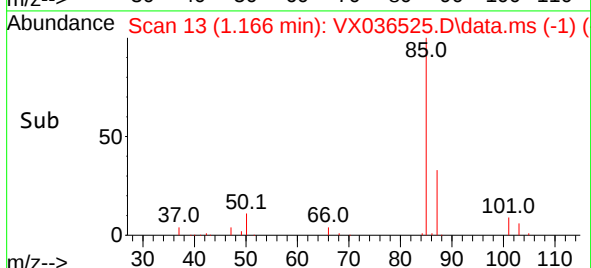
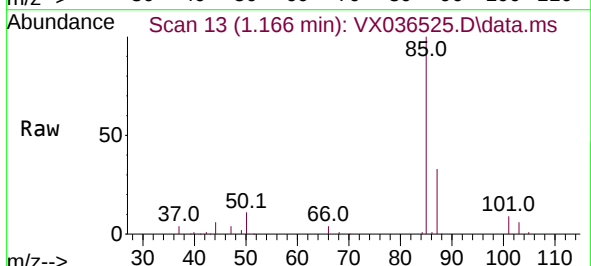
Manual Integrations
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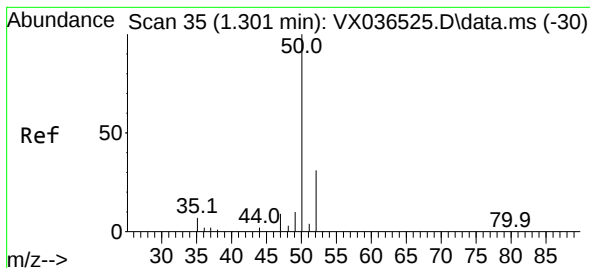
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#2
 Dichlorodifluoromethane
 Concen: 20.779 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

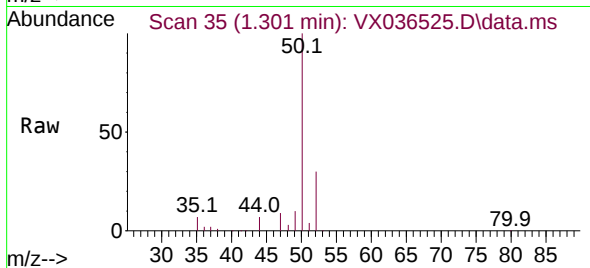
Tgt Ion: 85 Resp: 37263
 Ion Ratio Lower Upper
 85 100
 87 32.9 16.4 49.4





#3
Chloromethane
Concen: 19.279 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

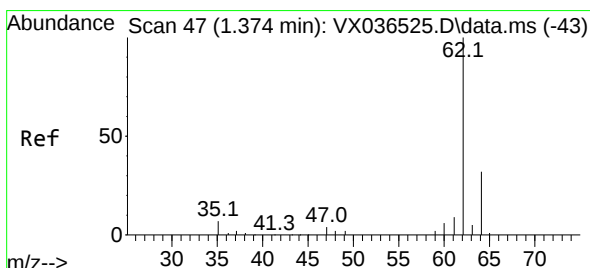
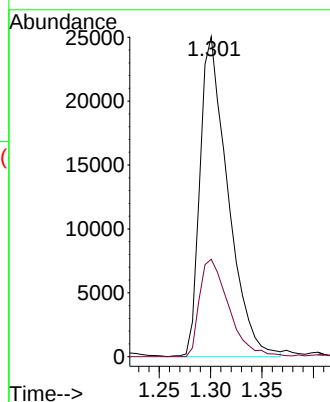
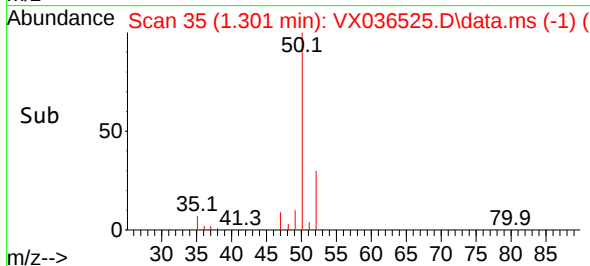
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 4730
Ion Ratio Lower Upper
50 100
52 30.6 24.5 36.7

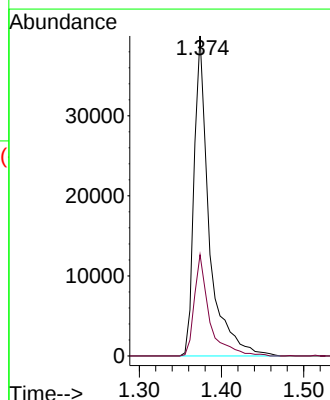
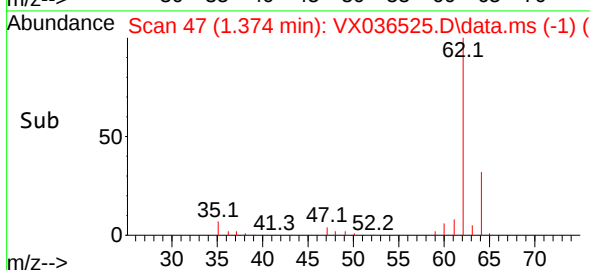
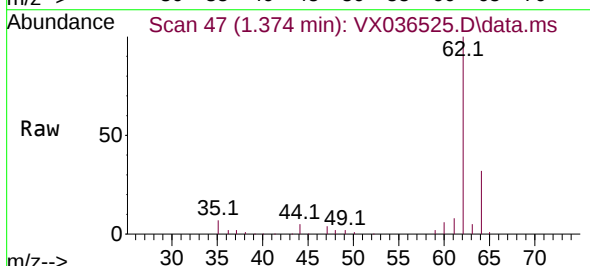
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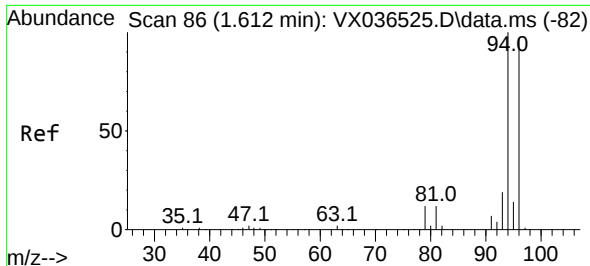
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 20.204 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

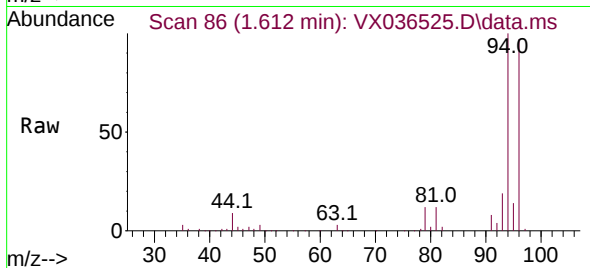
Tgt Ion: 62 Resp: 51117
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9





#5
Bromomethane
Concen: 19.840 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

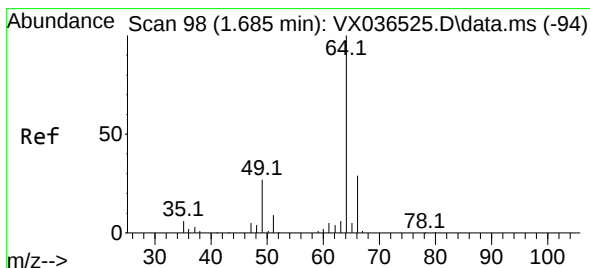
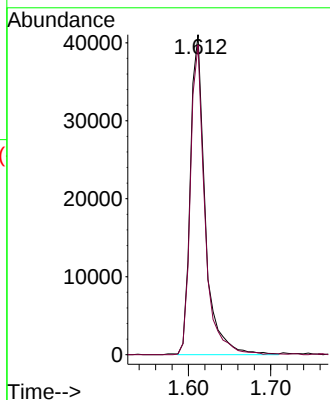
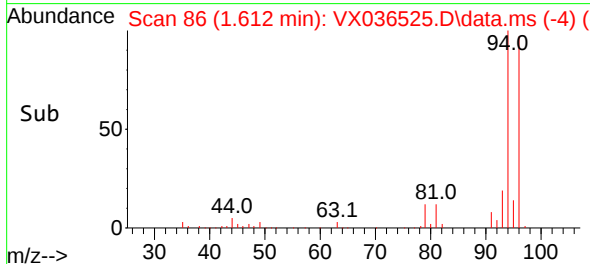
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 51409
Ion Ratio Lower Upper
94 100
96 96.8 77.4 116.2

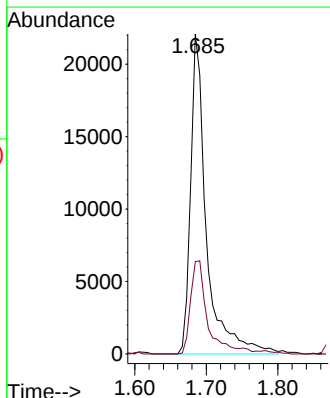
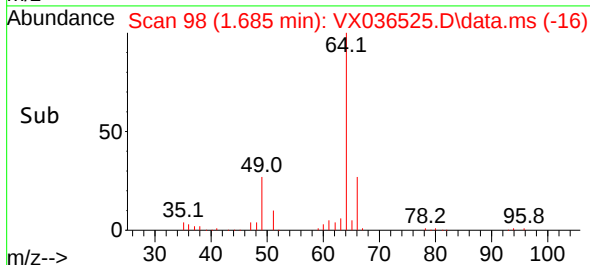
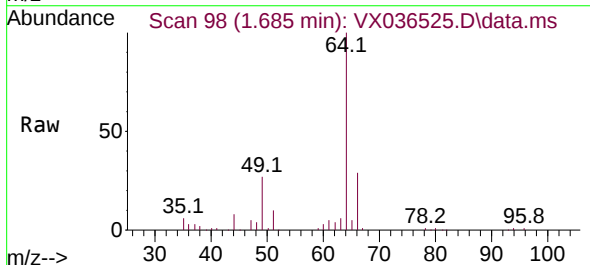
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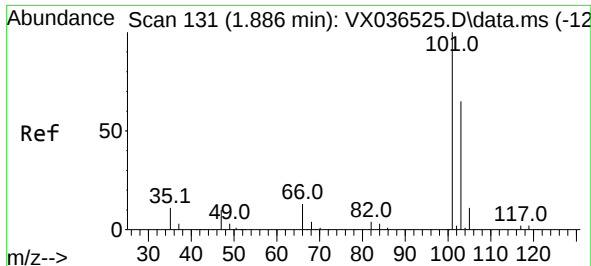
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 19.629 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

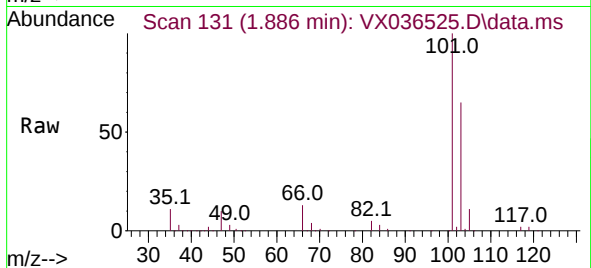
Tgt Ion: 64 Resp: 33802
Ion Ratio Lower Upper
64 100
66 28.9 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 20.335 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

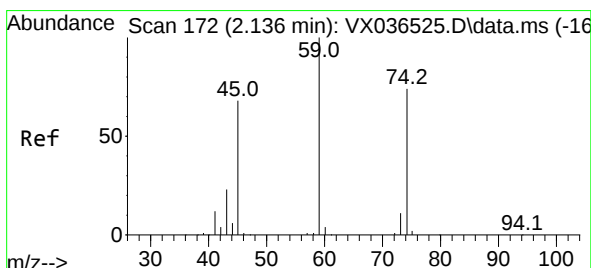
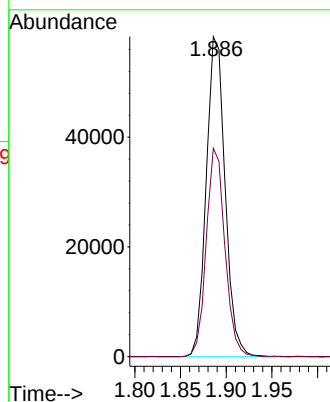
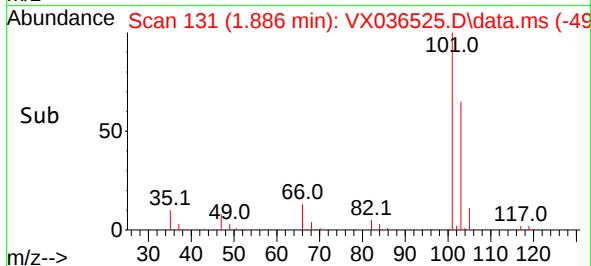
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Tgt Ion:101 Resp: 83460
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

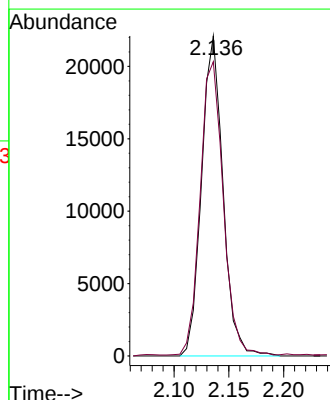
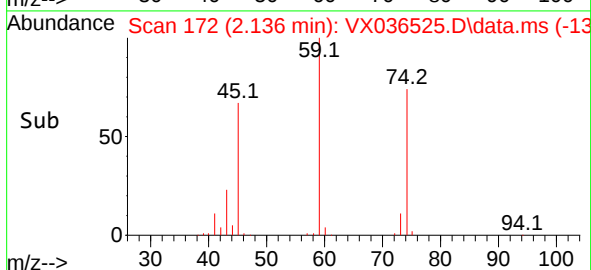
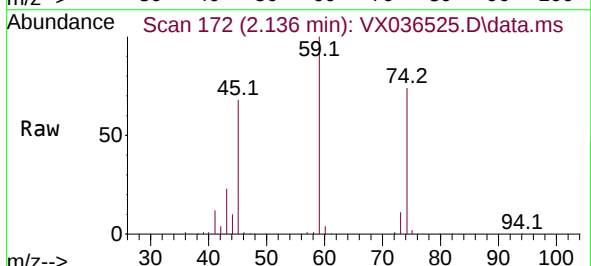
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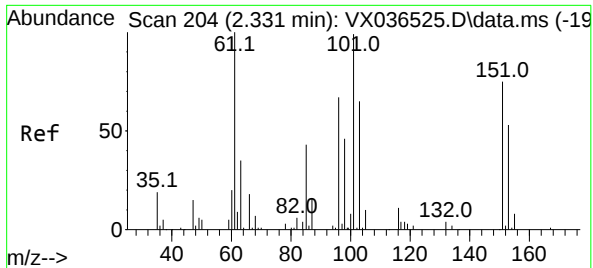
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#8
 Diethyl Ether
 Concen: 17.642 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

Tgt Ion: 74 Resp: 30088
 Ion Ratio Lower Upper
 74 100
 45 99.4 19.9 178.9





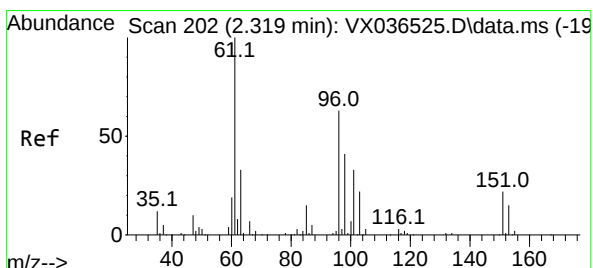
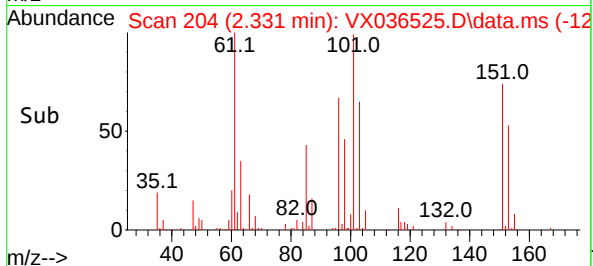
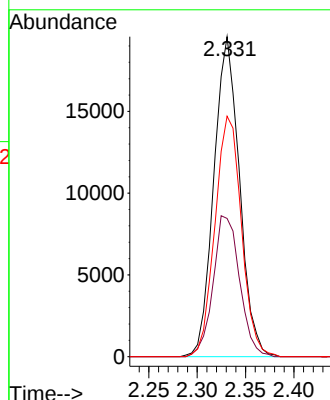
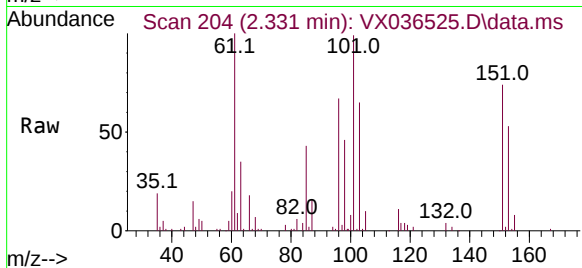
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.352 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 35962
Ion Ratio Lower Upper
101 100
85 45.5 0.0 91.0
151 77.7 0.0 155.4

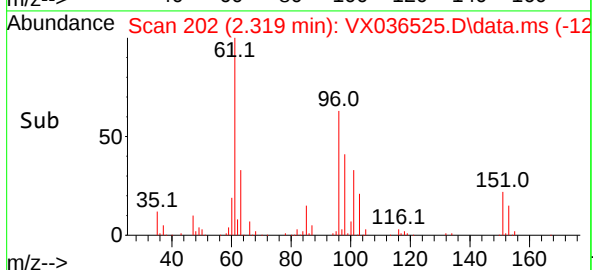
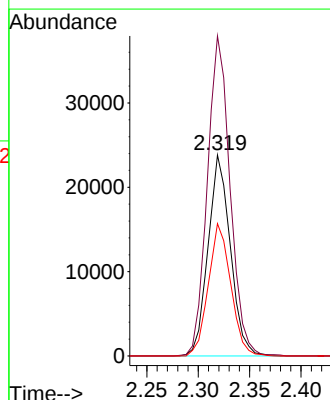
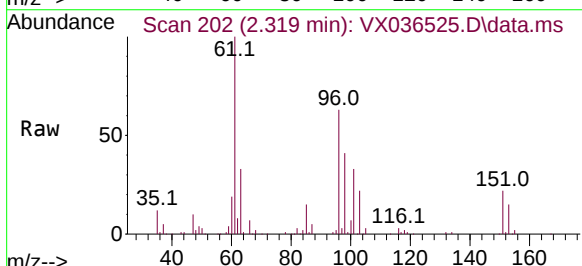
Manual Integrations
APPROVED

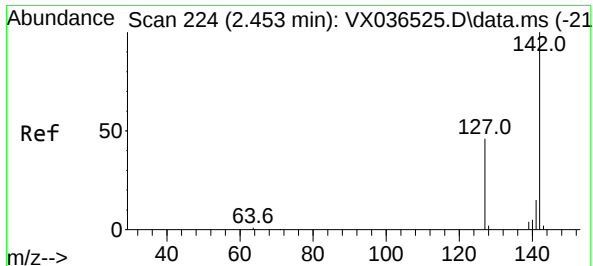
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 19.143 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

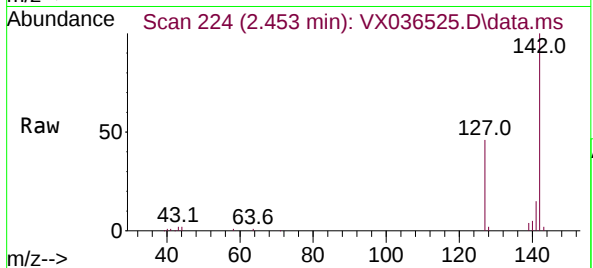
Tgt Ion: 96 Resp: 35955
Ion Ratio Lower Upper
96 100
61 159.0 127.2 190.8
98 65.9 52.7 79.1





#11
Methyl Iodide
Concen: 16.619 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

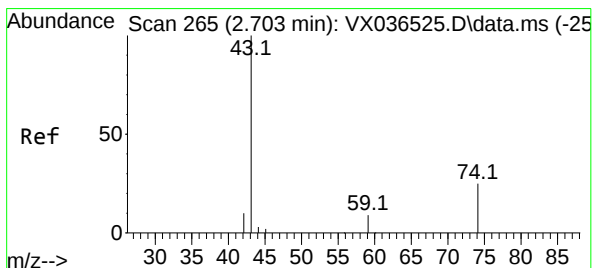
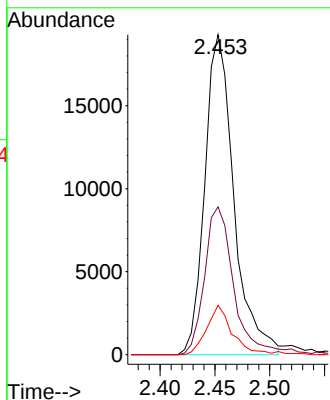
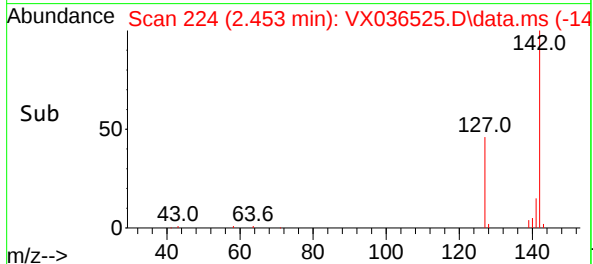
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



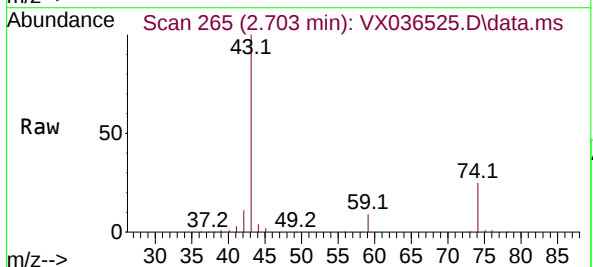
Tgt Ion:142 Resp: 35570
Ion Ratio Lower Upper
142 100
127 45.9 22.9 68.8
141 15.1 7.5 22.6

Manual Integrations
APPROVED

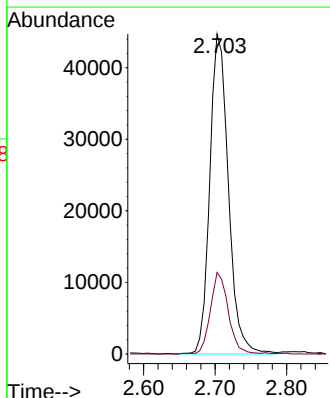
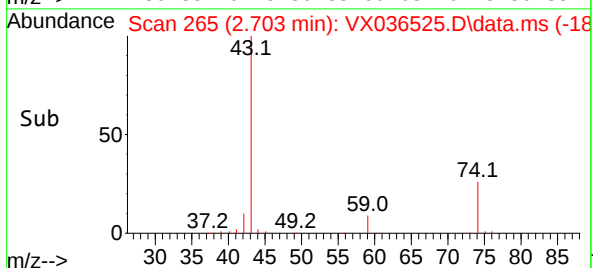
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

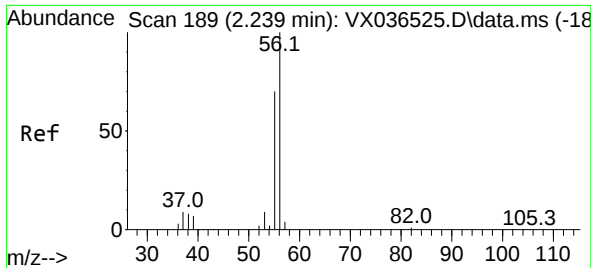


#12
Methyl Acetate
Concen: 18.317 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



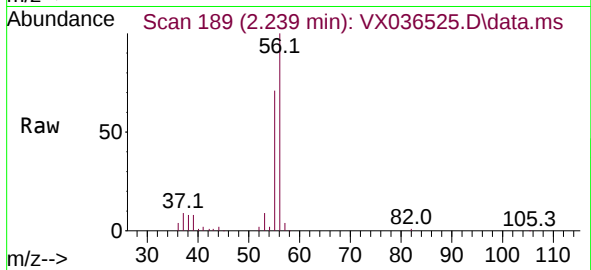
Tgt Ion: 43 Resp: 80871
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5





#13
Acrolein
Concen: 83.313 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

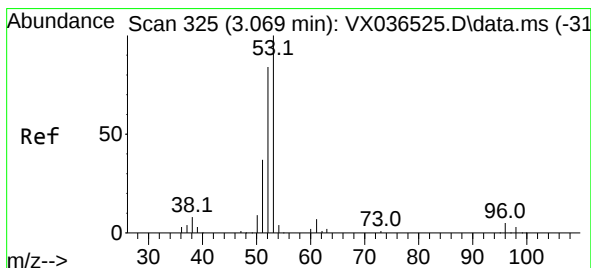
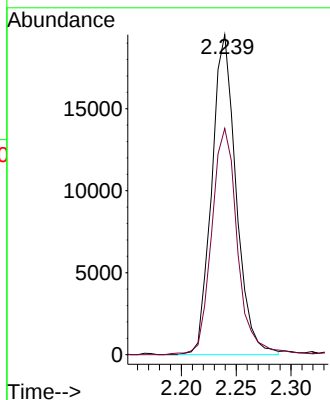
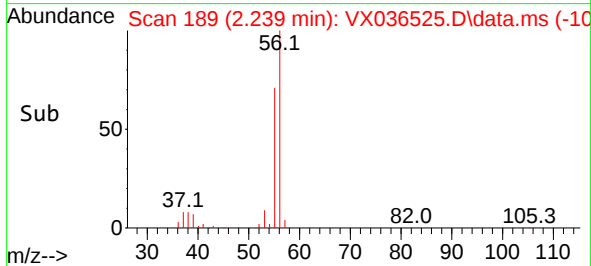
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 3017
Ion Ratio Lower Upper
56 100
55 74.6 59.7 89.5

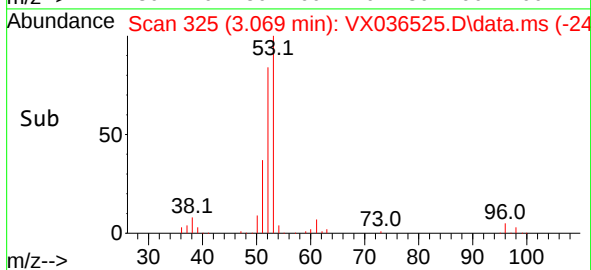
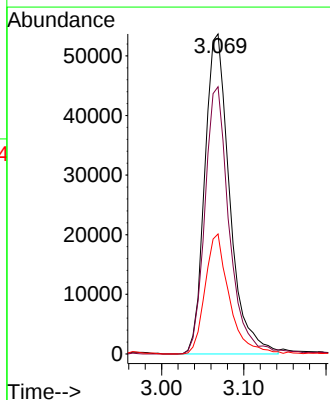
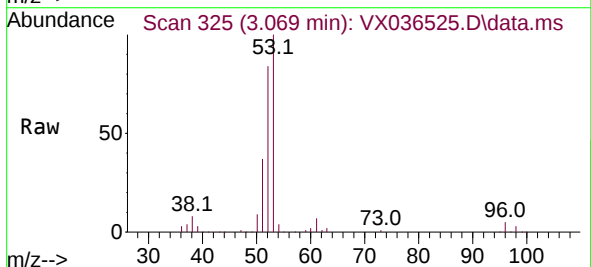
Manual Integrations
APPROVED

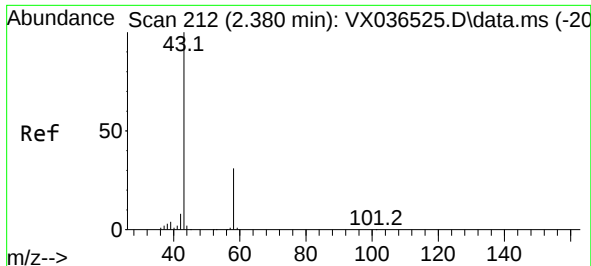
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Acrylonitrile
Concen: 91.510 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion: 53 Resp: 113248
Ion Ratio Lower Upper
53 100
52 79.9 40.0 119.9
51 36.4 18.2 54.6





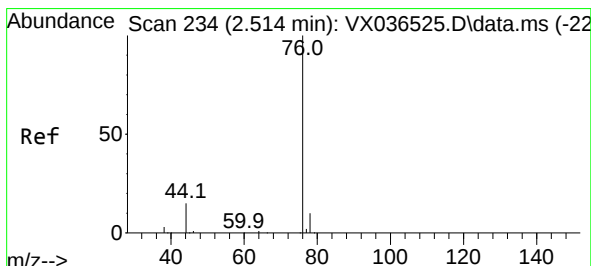
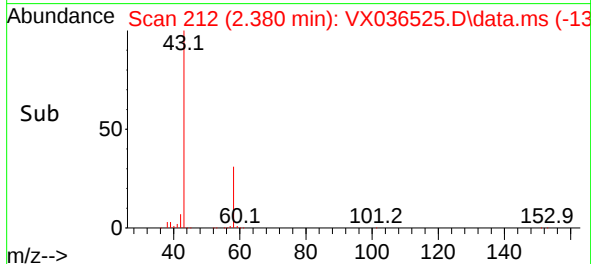
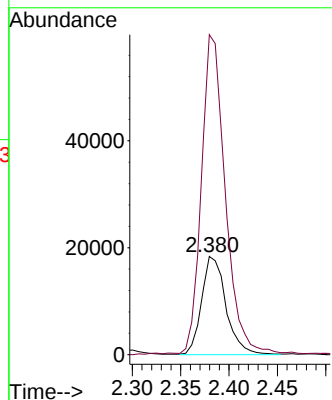
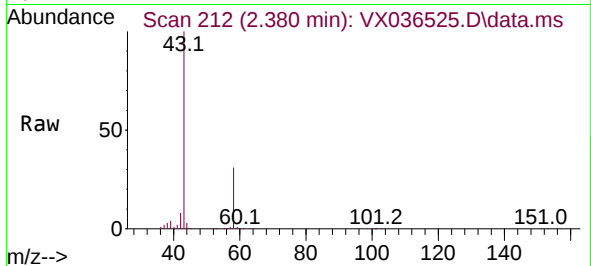
#15
Acetone
Concen: 92.123 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 3227
Ion Ratio Lower Upper
58 100
43 326.2 261.0 391.4

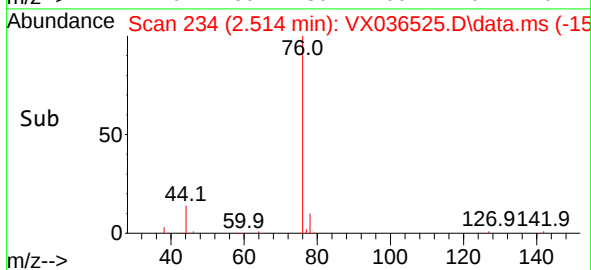
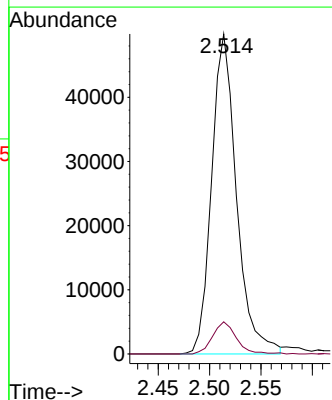
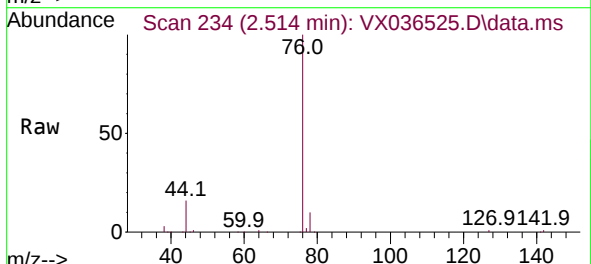
Manual Integrations
APPROVED

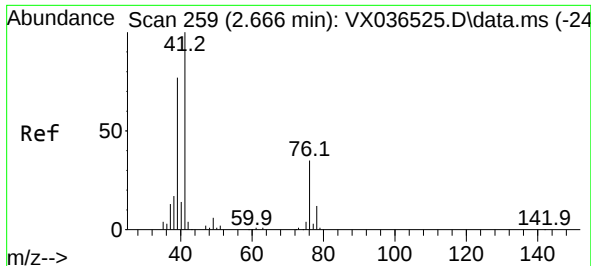
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#16
Carbon Disulfide
Concen: 18.398 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

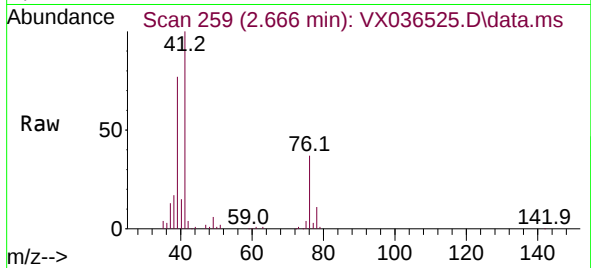
Tgt Ion: 76 Resp: 83841
Ion Ratio Lower Upper
76 100
78 10.0 8.0 12.0





#17
 Allyl chloride
 Concen: 18.170 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

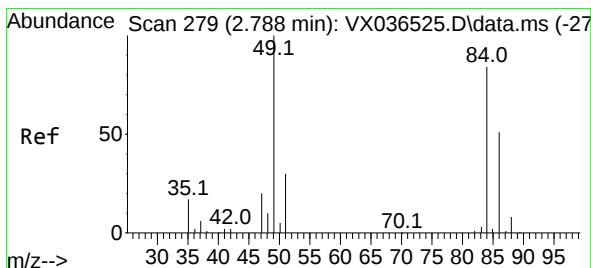
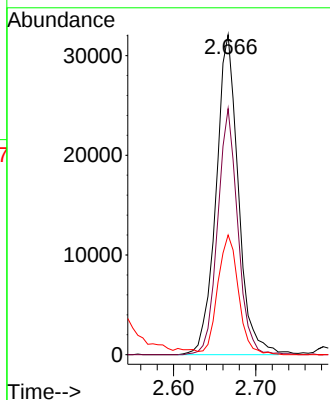
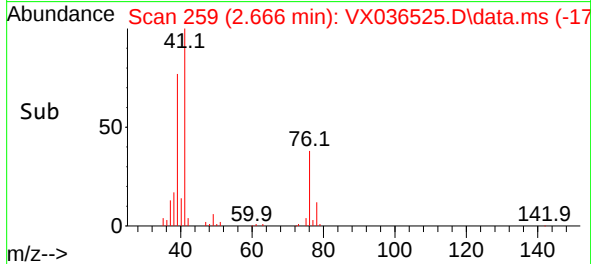
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 60542
 Ion Ratio Lower Upper
 41 100
 39 76.9 38.5 115.3
 76 37.2 18.6 55.8

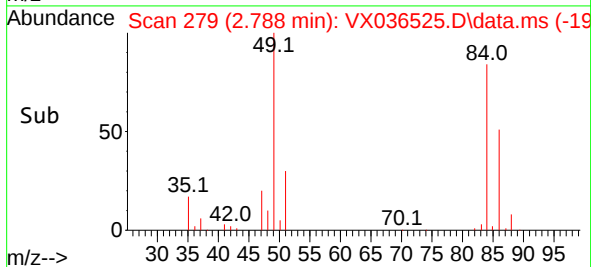
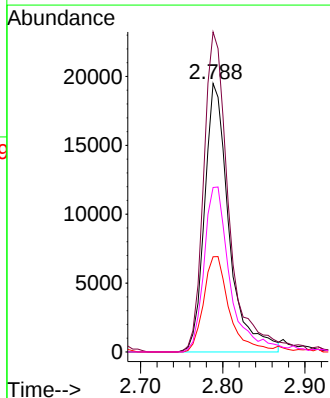
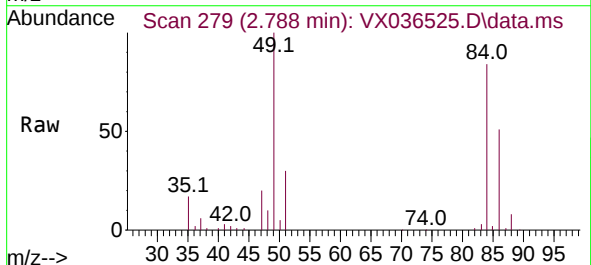
Manual Integrations
 APPROVED

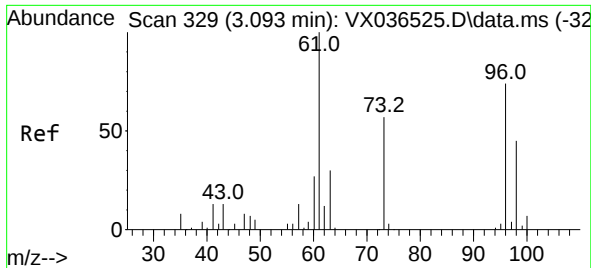
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#18
 Methylene Chloride
 Concen: 17.877 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

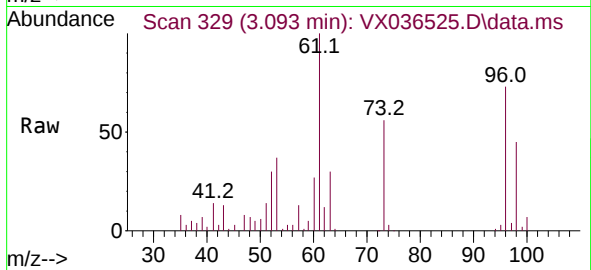
Tgt Ion: 84 Resp: 40432
 Ion Ratio Lower Upper
 84 100
 49 119.2 95.4 143.0
 51 35.4 28.3 42.5
 86 61.3 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 18.675 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

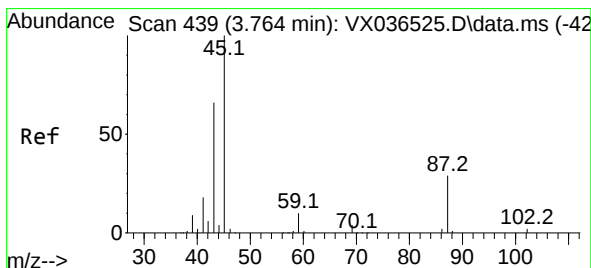
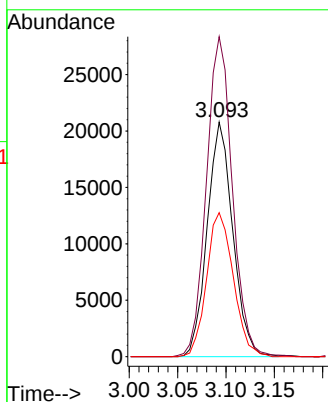
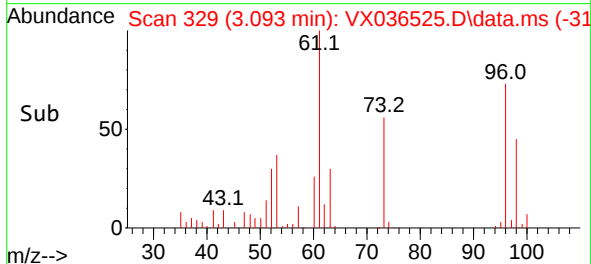
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



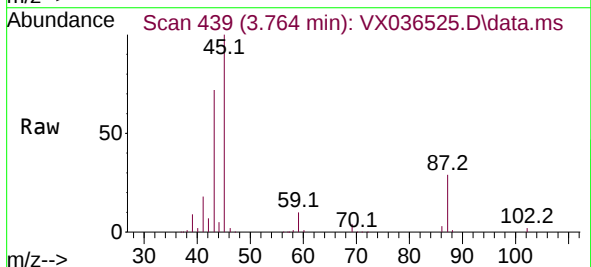
Tgt Ion: 96 Resp: 38340
Ion Ratio Lower Upper
96 100
61 135.9 108.7 163.1
98 61.4 49.1 73.7

Manual Integrations
APPROVED

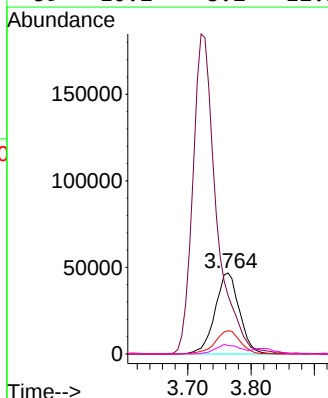
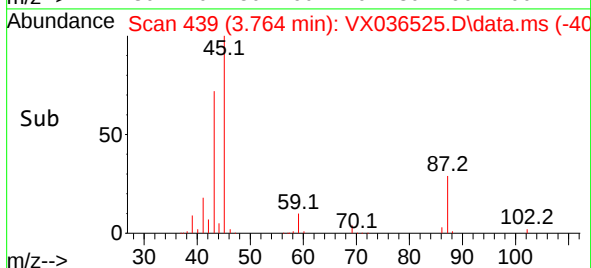
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

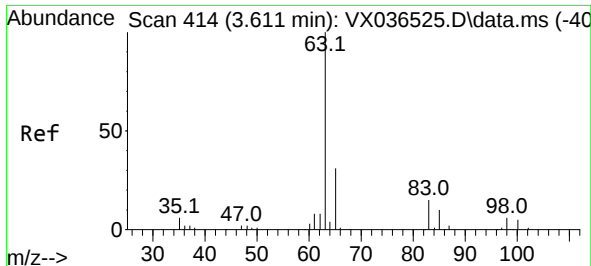


#20
Diisopropyl ether
Concen: 18.336 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



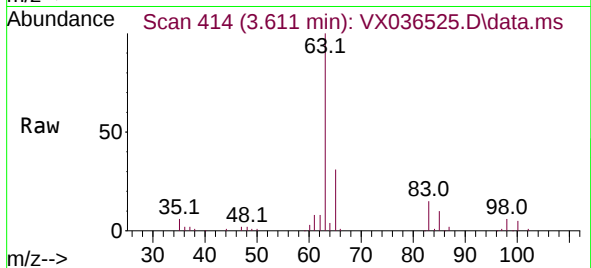
Tgt Ion: 45 Resp: 124518
Ion Ratio Lower Upper
45 100
43 69.7 55.8 83.6
87 28.7 23.0 34.4
59 10.2 8.2 12.2





#21
1,1-Dichloroethane
Concen: 18.458 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

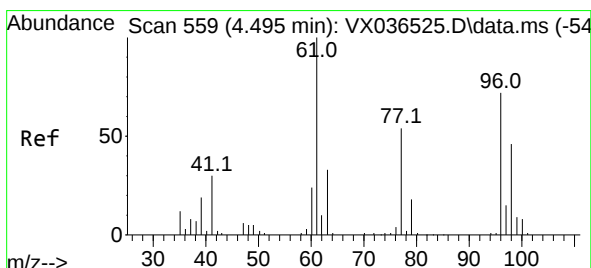
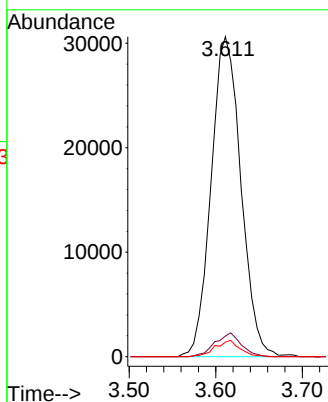
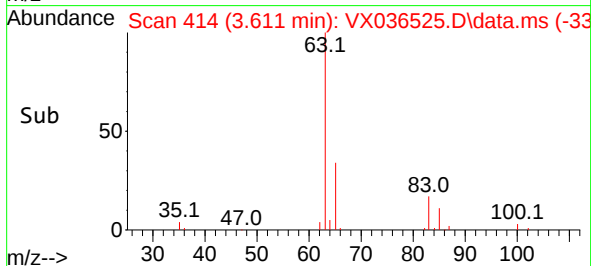
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



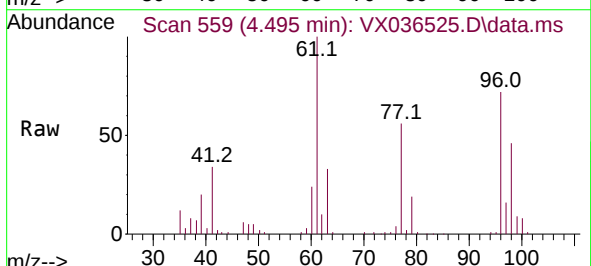
Tgt Ion: 63 Resp: 7308
Ion Ratio Lower Upper
63 100
98 6.4 3.2 9.6
100 4.5 2.3 6.8

Manual Integrations
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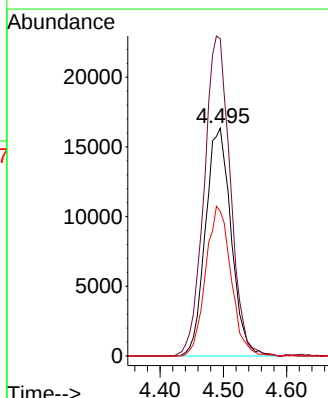
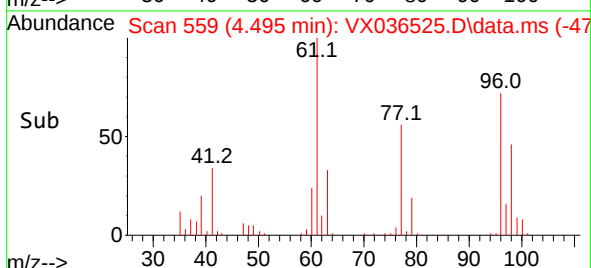
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

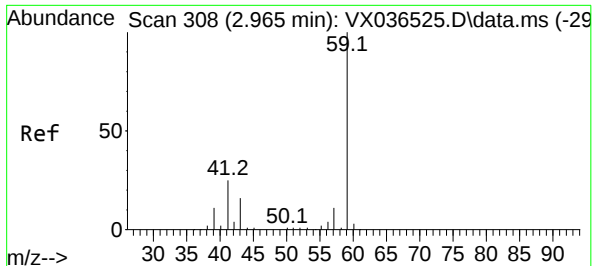


#22
cis-1,2-Dichloroethene
Concen: 18.662 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



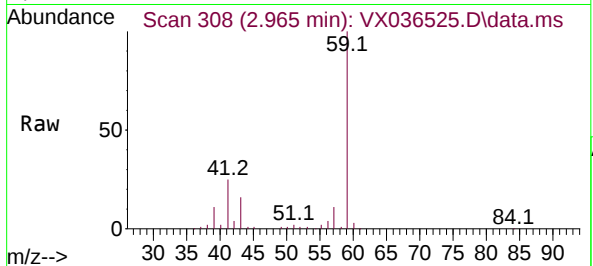
Tgt Ion: 96 Resp: 46111
Ion Ratio Lower Upper
96 100
61 142.5 114.0 171.0
98 64.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 88.718 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

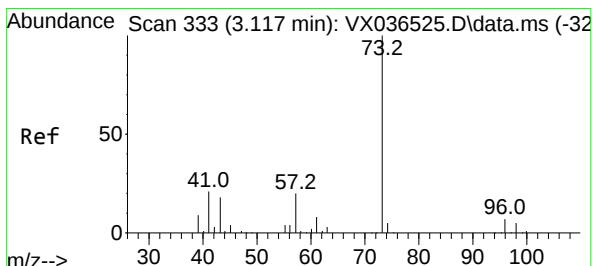
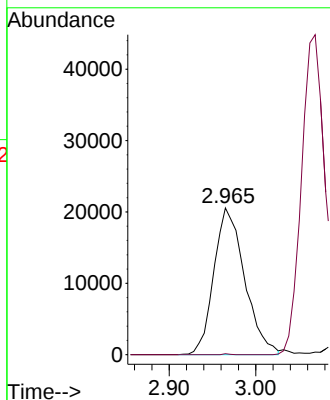
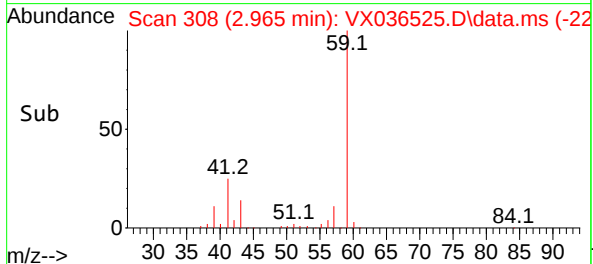
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 50760
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8

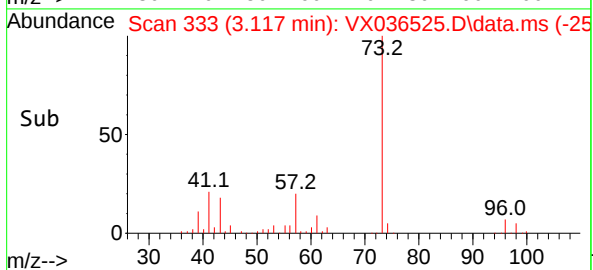
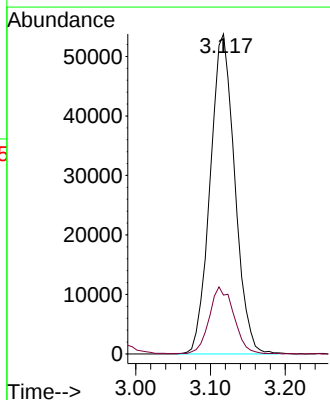
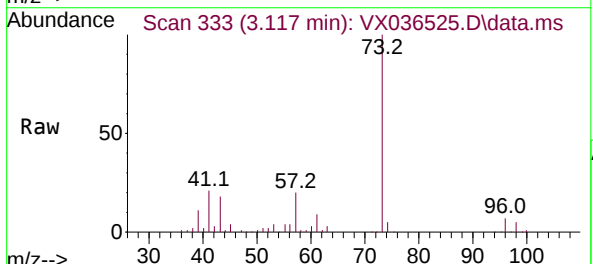
Manual Integrations
APPROVED

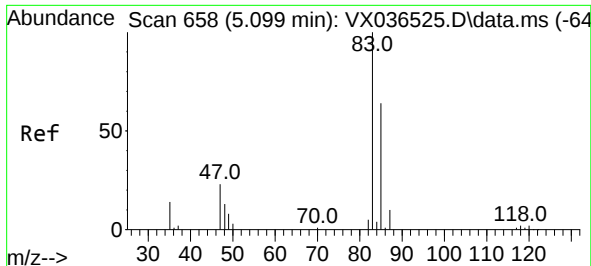
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 18.064 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion: 73 Resp: 123387
Ion Ratio Lower Upper
73 100
43 21.0 16.8 25.2





#25

Chloroform

Concen: 18.566 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 75990

Ion Ratio Lower Upper

83 100

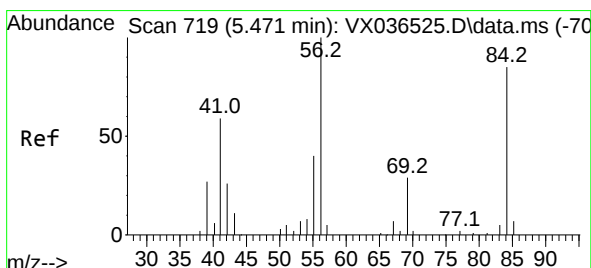
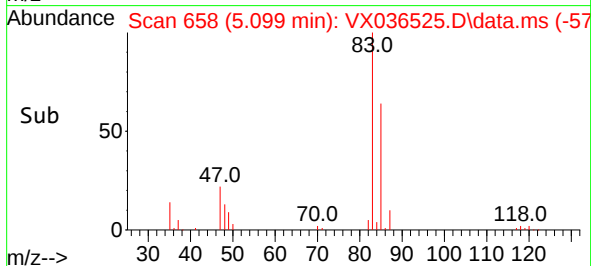
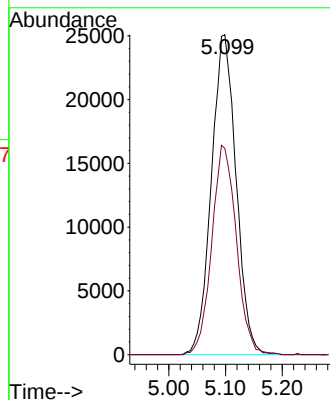
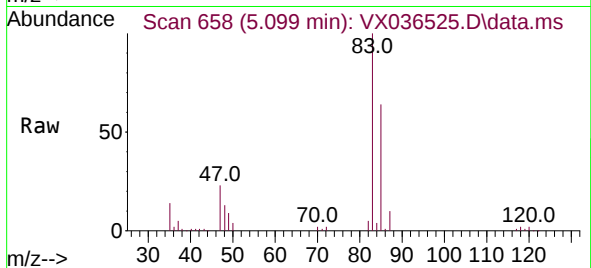
85 64.4 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#26

Cyclohexane

Concen: 19.987 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

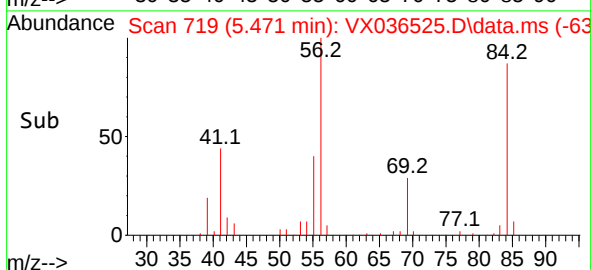
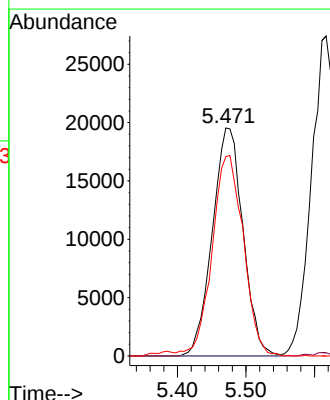
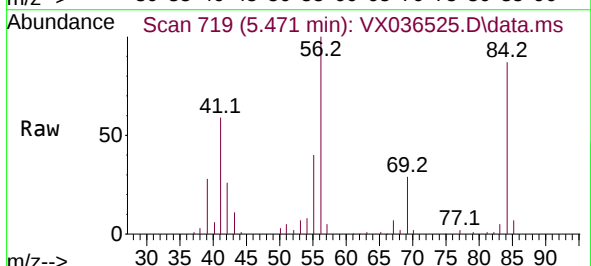
Tgt Ion: 56 Resp: 60710

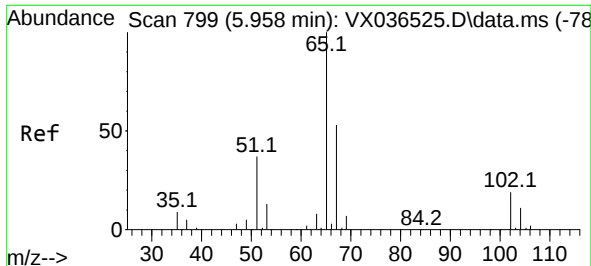
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.3 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 29.108 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

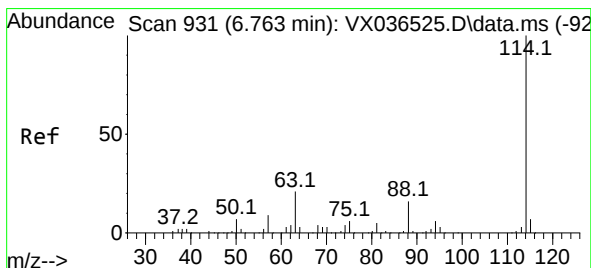
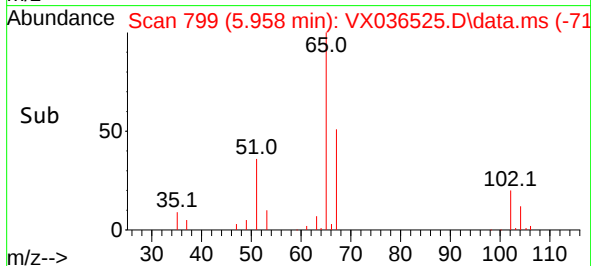
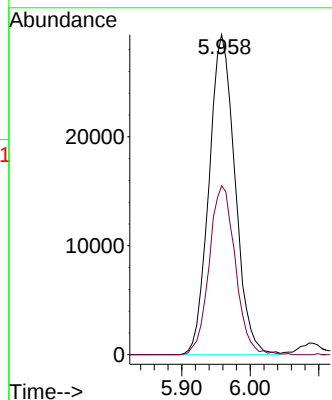
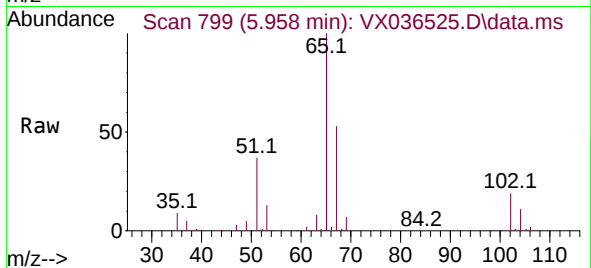
ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 7754
Ion Ratio Lower Upper
65 100
67 52.6 42.1 63.1

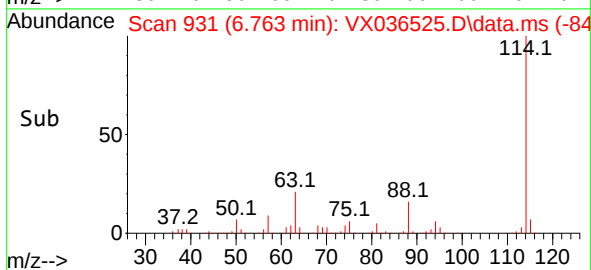
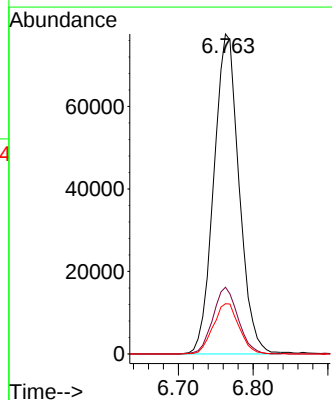
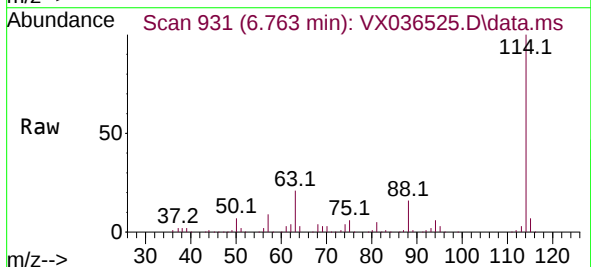
Manual Integrations
APPROVED

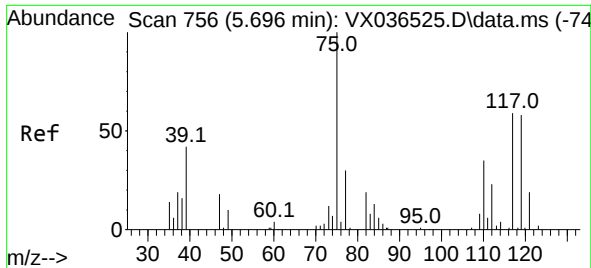
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion:114 Resp: 182634
Ion Ratio Lower Upper
114 100
63 20.7 16.6 24.8
88 16.1 12.9 19.3





#29

1,1-Dichloropropene

Concen: 19.641 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

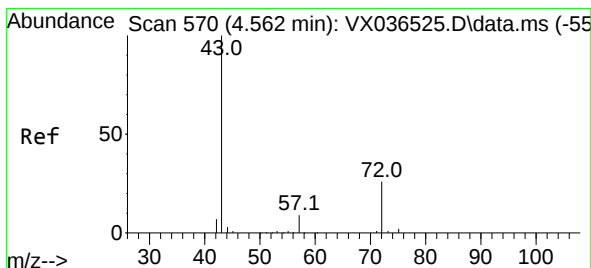
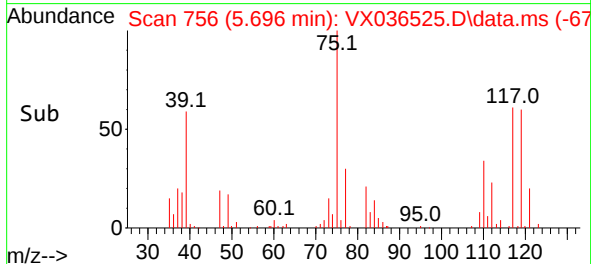
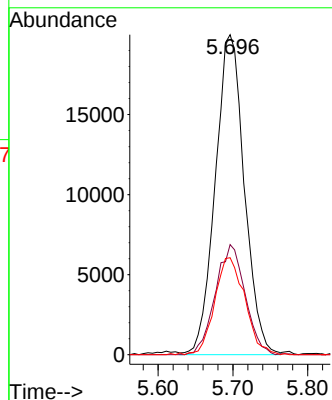
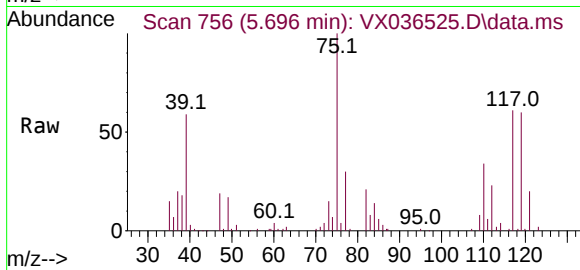
Tgt Ion: 75	Resp: 5409
Ion Ratio	Lower Upper
75 100	
110 35.2	0.0 70.4
77 31.4	0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

2-Butanone

Concen: 93.979 ug/l

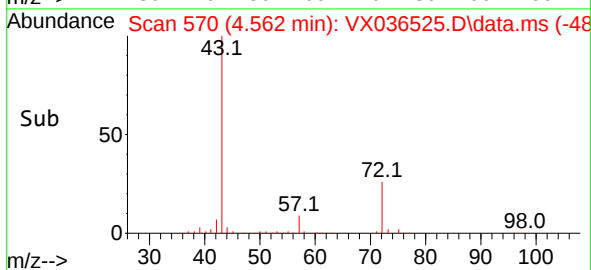
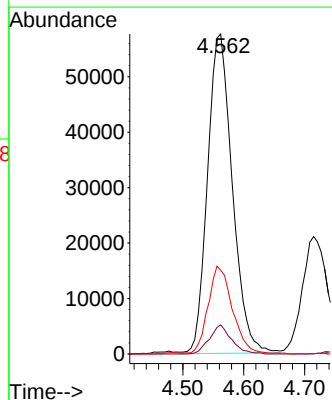
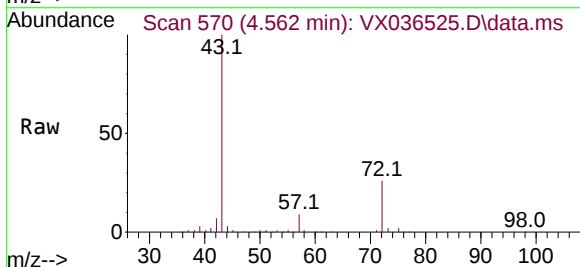
RT: 4.562 min Scan# 570

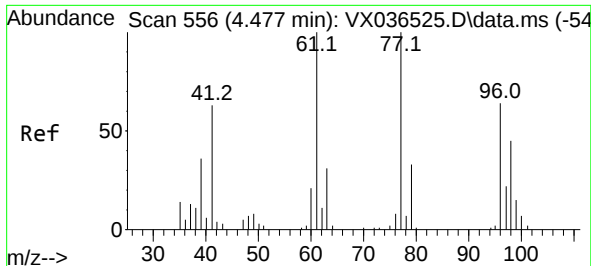
Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Tgt Ion: 43	Resp: 162968
Ion Ratio	Lower Upper
43 100	
57 8.0	6.4 9.6
72 27.0	21.6 32.4





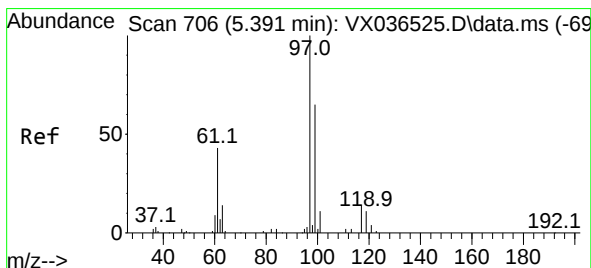
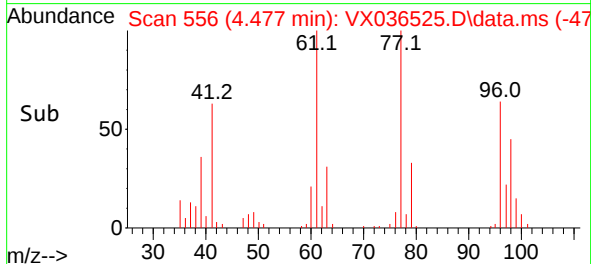
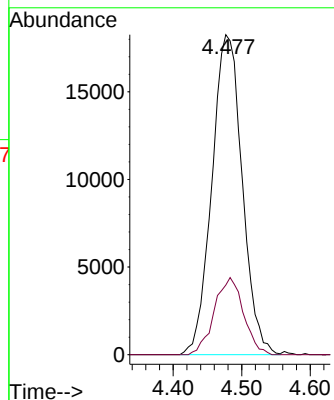
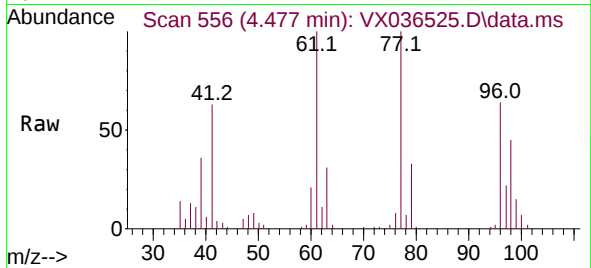
#31
2,2-Dichloropropane
Concen: 18.570 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 56080
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8

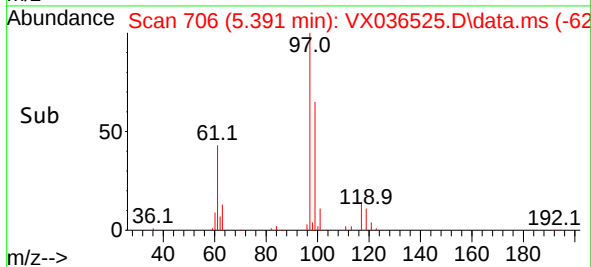
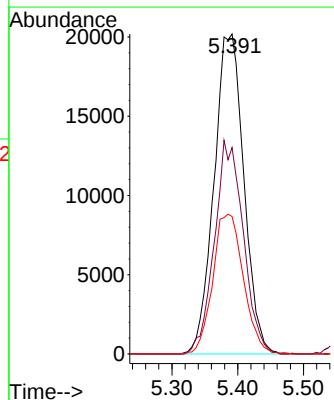
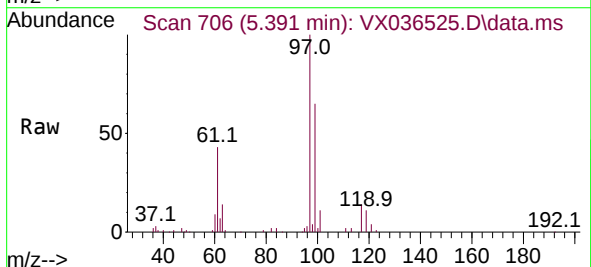
Manual Integrations
APPROVED

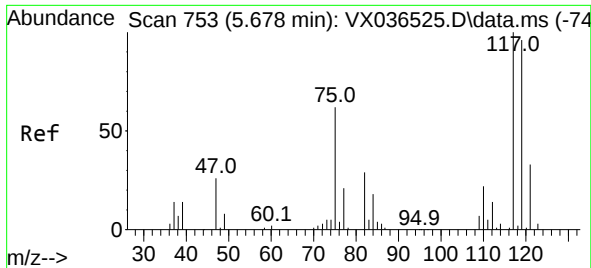
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 19.495 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

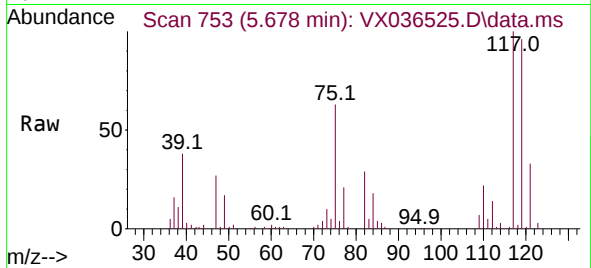
Tgt Ion: 97 Resp: 63800
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 44.8 35.8 53.8





#33
Carbon Tetrachloride
Concen: 19.202 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

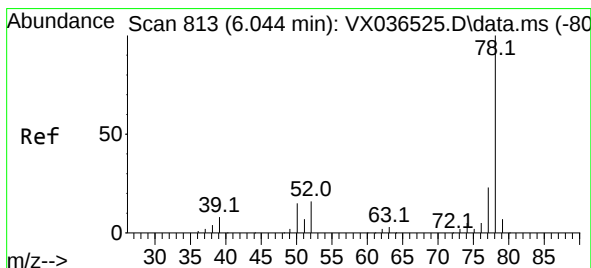
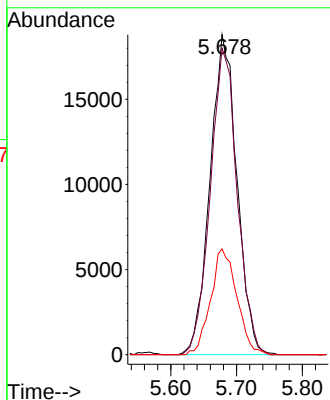
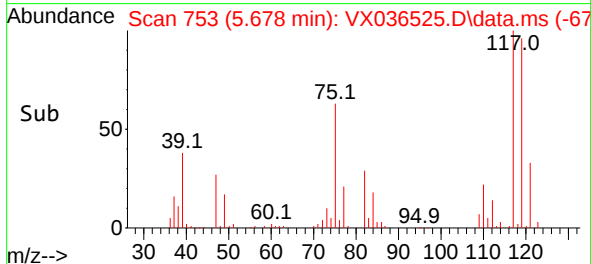
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



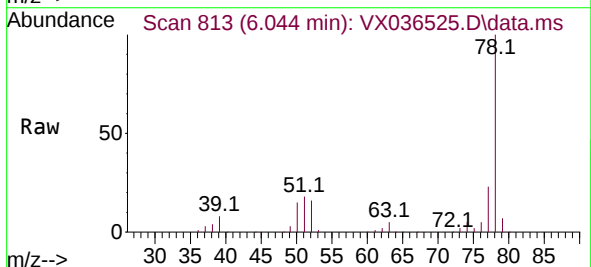
Tgt Ion:117 Resp: 53608
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
121 33.1 26.5 39.7

Manual Integrations
APPROVED

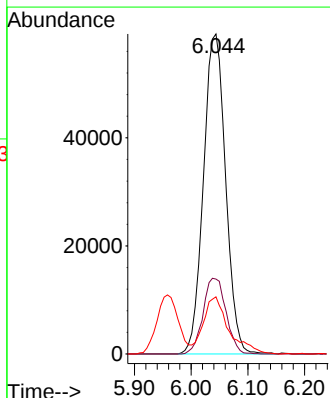
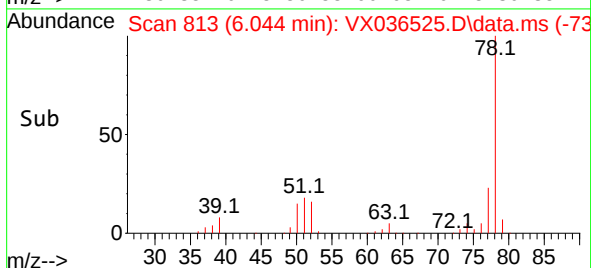
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

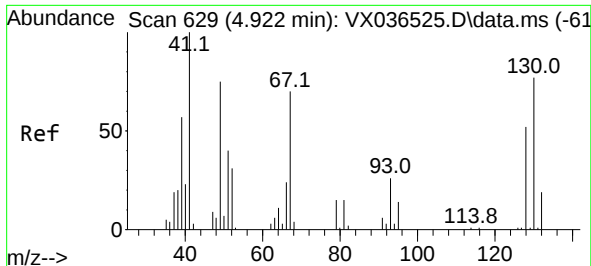


#34
Benzene
Concen: 18.960 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



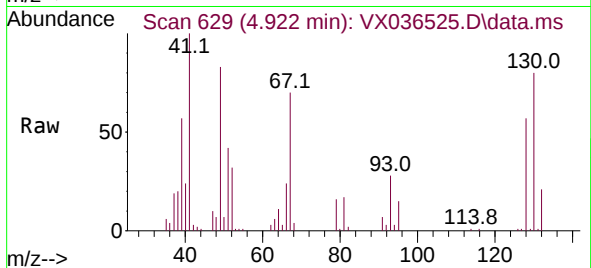
Tgt Ion: 78 Resp: 160956
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1
51 17.8 14.2 21.4





#35
Methacrylonitrile
Concen: 18.383 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

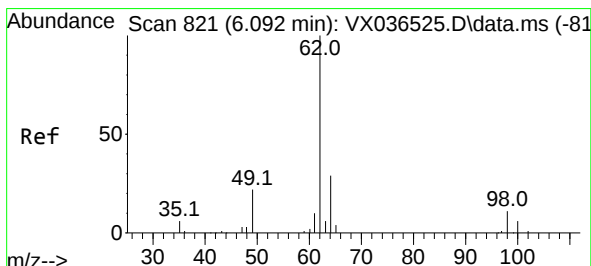
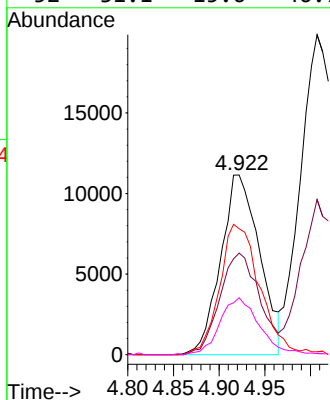
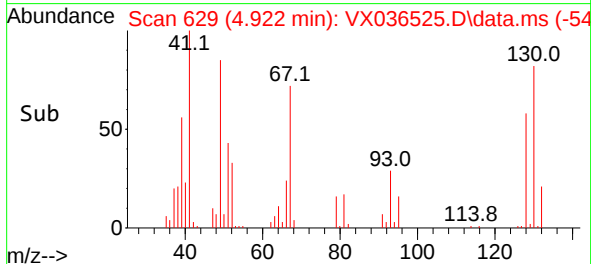
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 3307
Ion Ratio Lower Upper
41 100
39 56.5 28.2 84.7
67 70.1 35.0 105.1
52 31.1 15.6 46.7

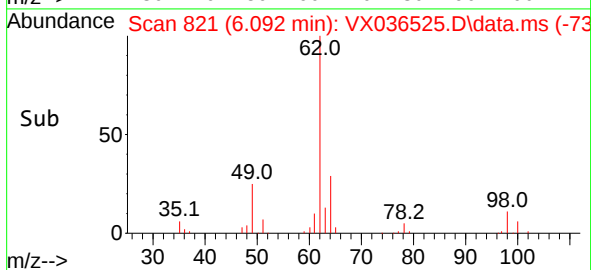
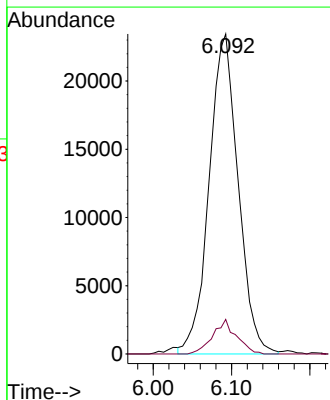
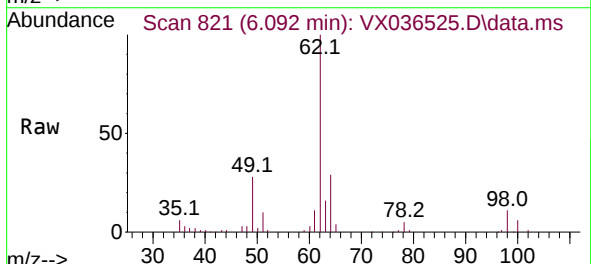
Manual Integrations
APPROVED

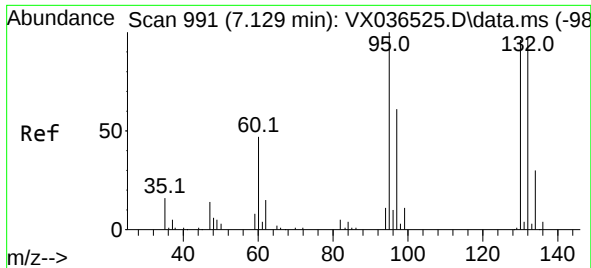
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,2-Dichloroethane
Concen: 18.525 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

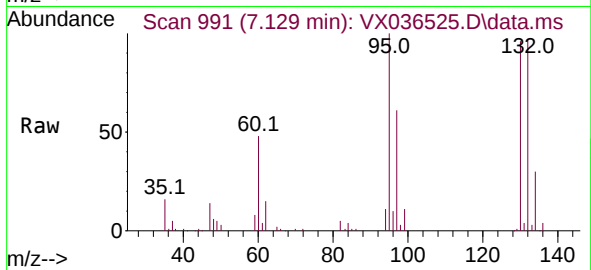
Tgt Ion: 62 Resp: 60344
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#37
Trichloroethene
Concen: 18.937 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

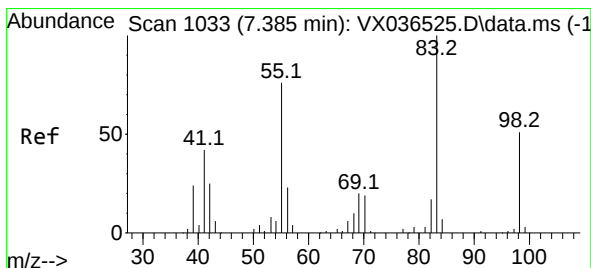
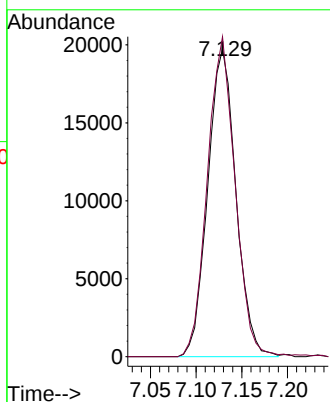
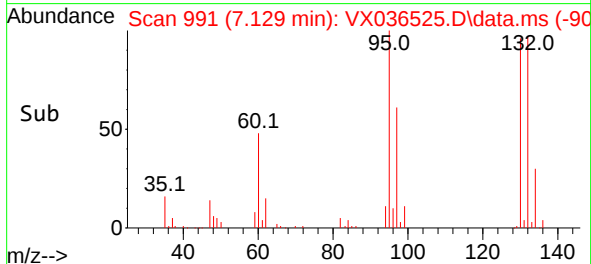
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 42310
Ion Ratio Lower Upper
130 100
95 104.0 83.2 124.8

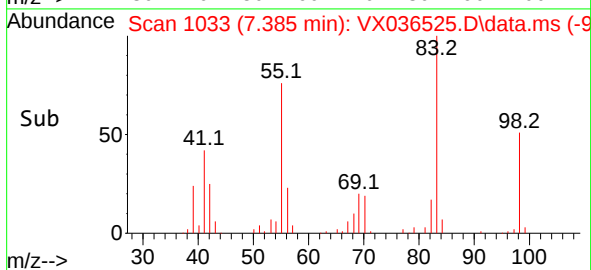
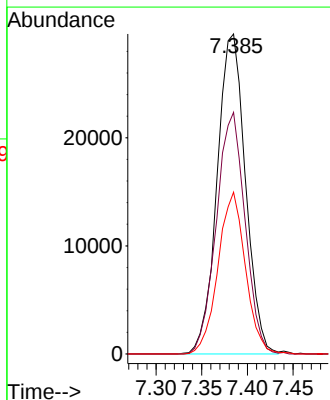
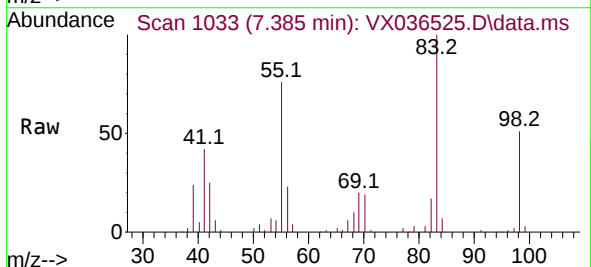
Manual Integrations
APPROVED

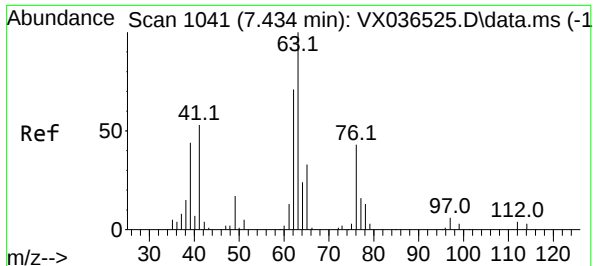
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#38
Methylcyclohexane
Concen: 19.974 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion: 83 Resp: 63995
Ion Ratio Lower Upper
83 100
55 76.3 38.1 114.5
98 48.9 24.4 73.4





#39

1,2-Dichloropropane

Concen: 18.515 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 4260

Ion Ratio Lower Upper

63 100

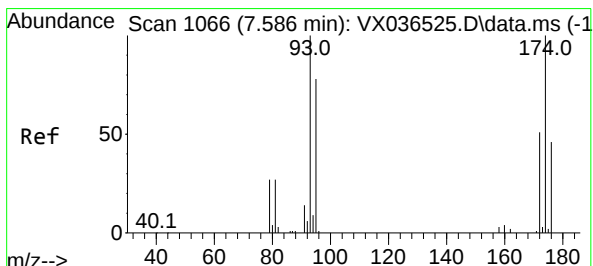
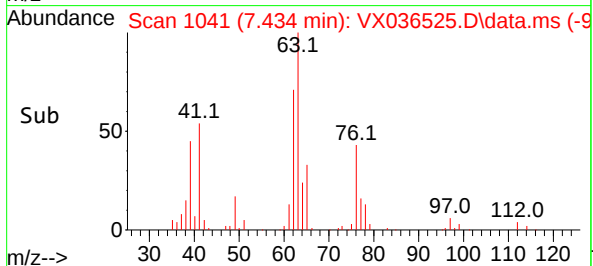
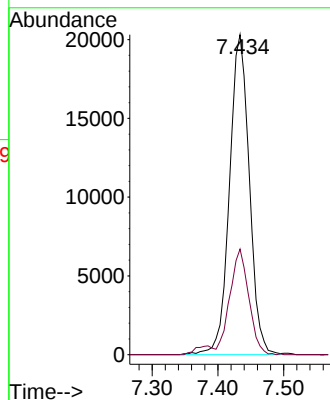
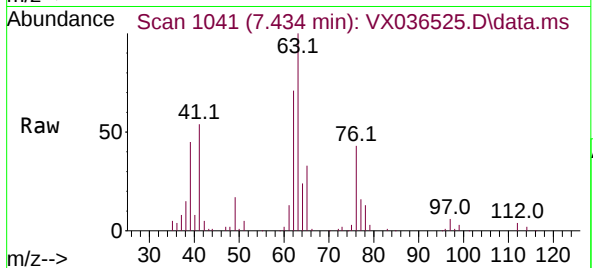
65 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 18.111 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

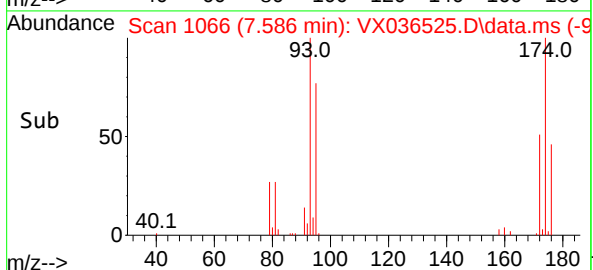
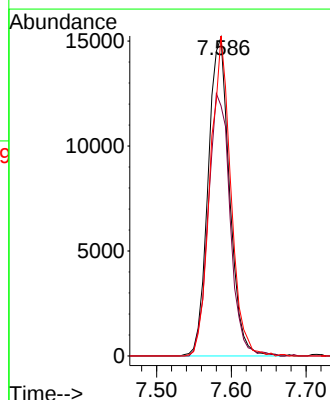
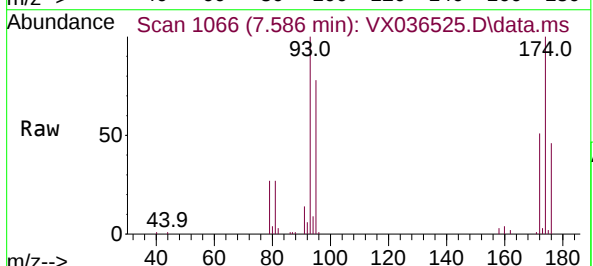
Tgt Ion: 93 Resp: 30187

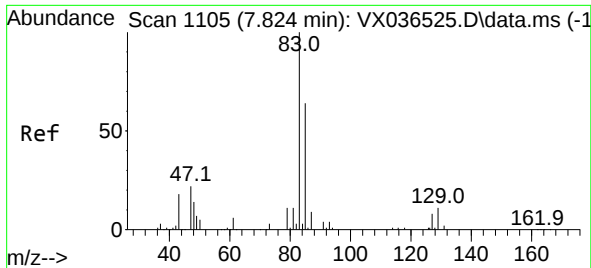
Ion Ratio Lower Upper

93 100

95 83.4 0.0 166.8

174 95.8 0.0 191.6





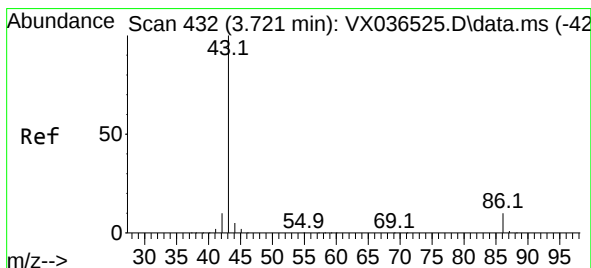
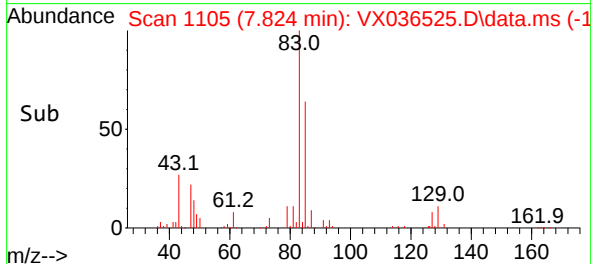
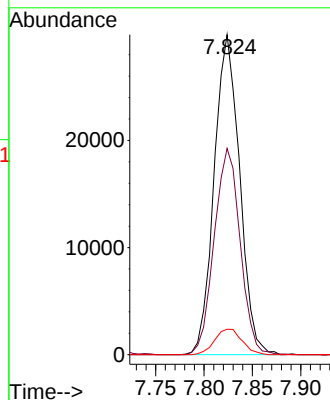
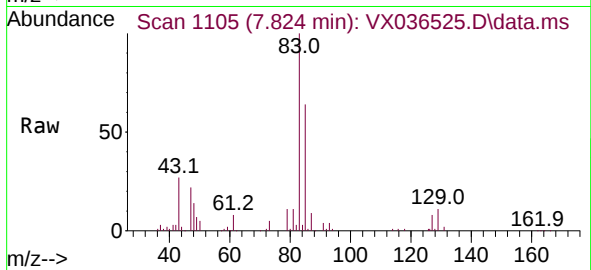
#41
Bromodichloromethane
Concen: 18.098 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5474
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 8.0 6.4 9.6

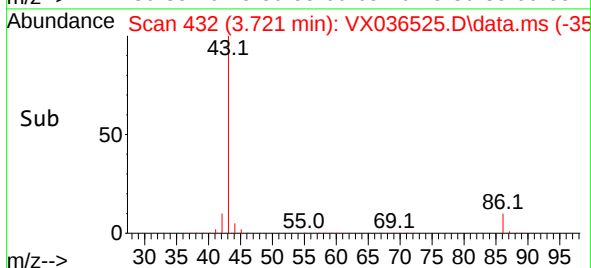
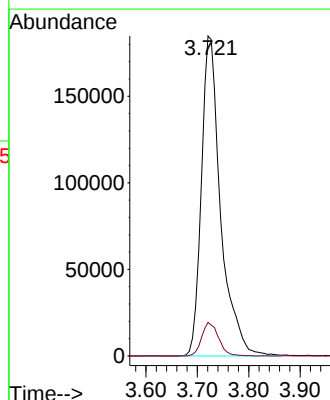
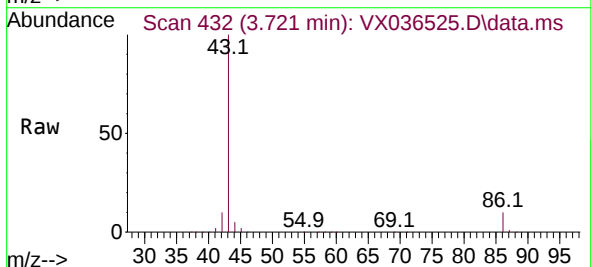
Manual Integrations
APPROVED

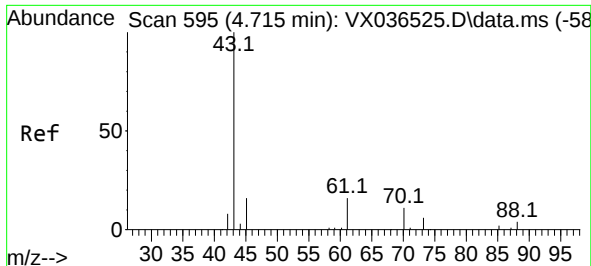
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 91.808 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

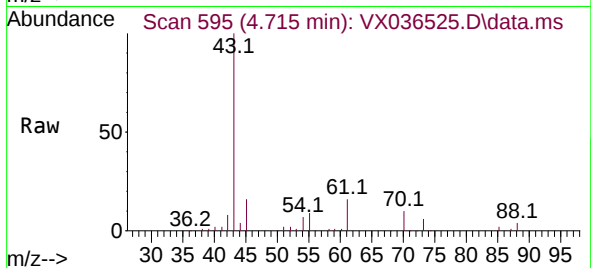
Tgt Ion: 43 Resp: 480874
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.0





#43
Ethyl Acetate
Concen: 18.206 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

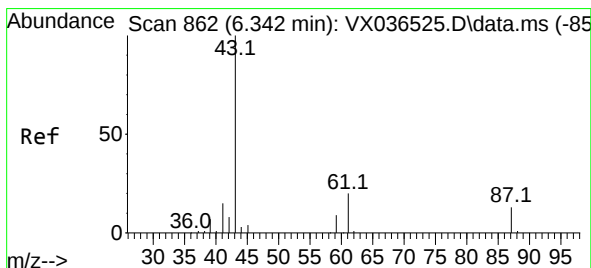
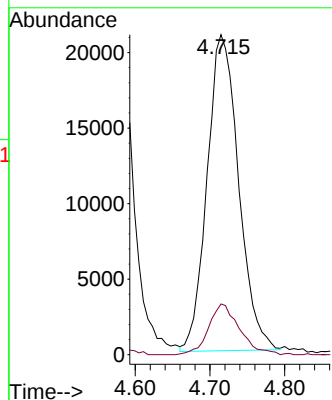
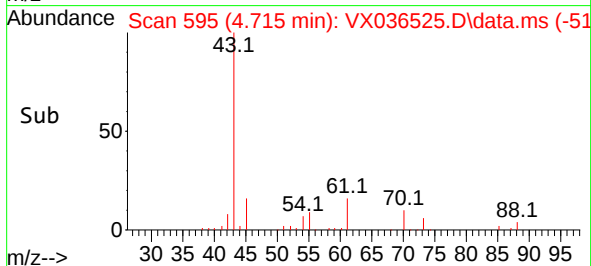
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 6145
Ion Ratio Lower Upper
43 100
45 15.7 12.6 18.8

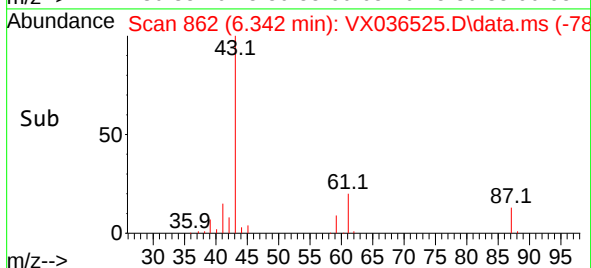
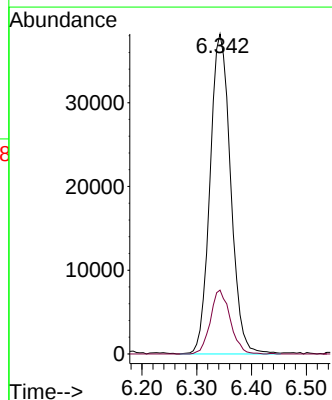
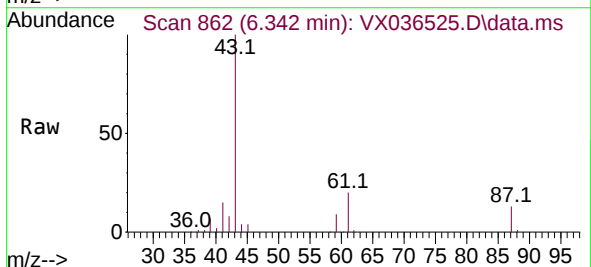
Manual Integrations
APPROVED

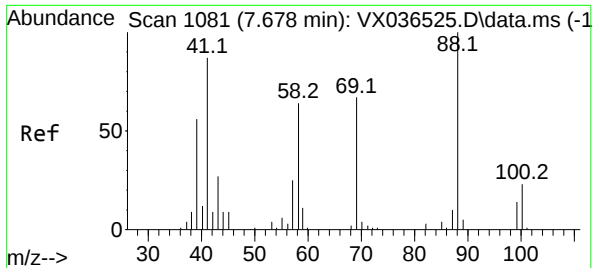
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Isopropyl Acetate
Concen: 18.500 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

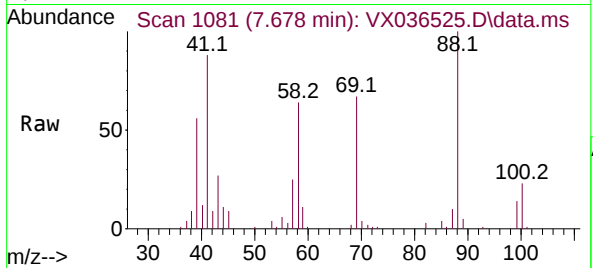
Tgt Ion: 43 Resp: 99578
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0





#45
1,4-Dioxane
Concen: 367.311 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

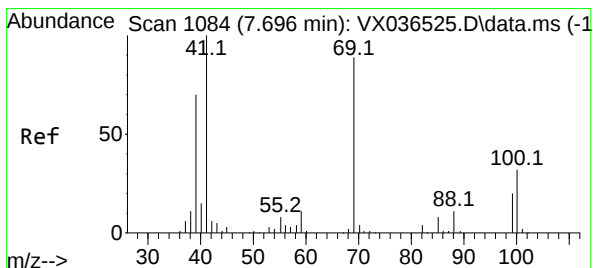
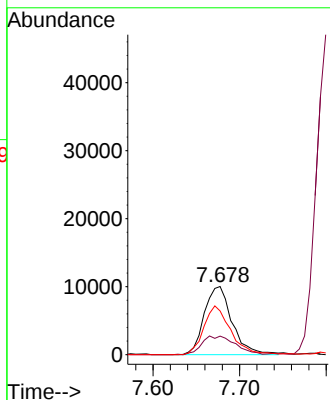
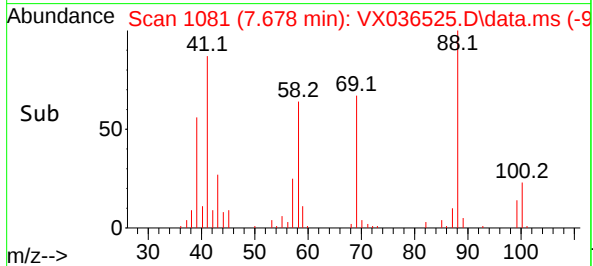
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



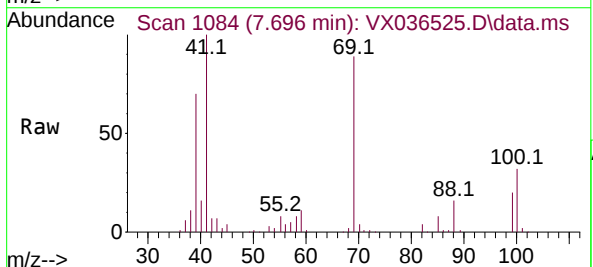
Tgt Ion: 88 Resp: 2240
Ion Ratio Lower Upper
88 100
43 14.7 297.5 446.3
58 68.8 1.0 1.4

Manual Integrations
APPROVED

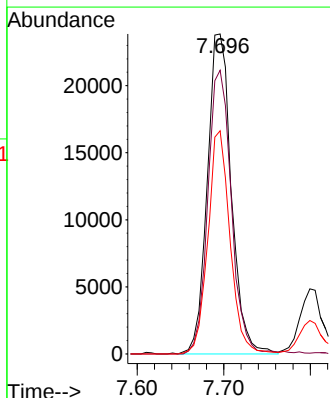
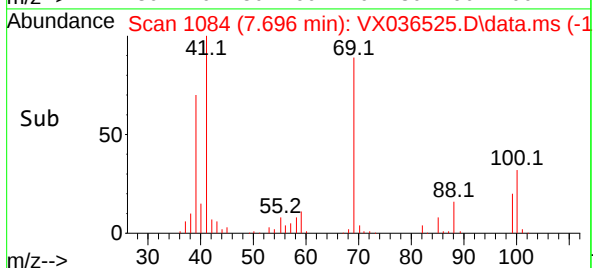
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

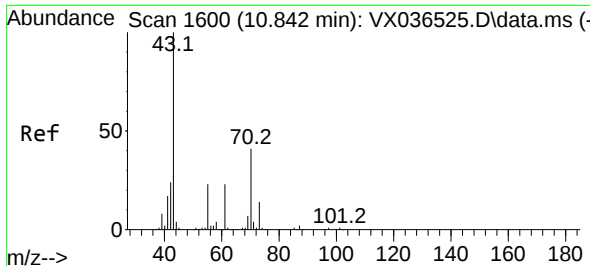


#46
Methyl methacrylate
Concen: 17.916 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



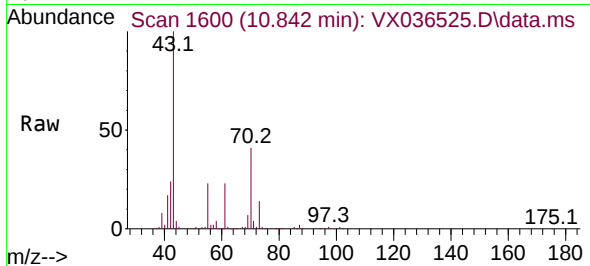
Tgt Ion: 41 Resp: 46093
Ion Ratio Lower Upper
41 100
69 88.7 44.4 133.1
39 69.8 34.9 104.7





#47
n-amy1 Acetate
Concen: 18.134 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

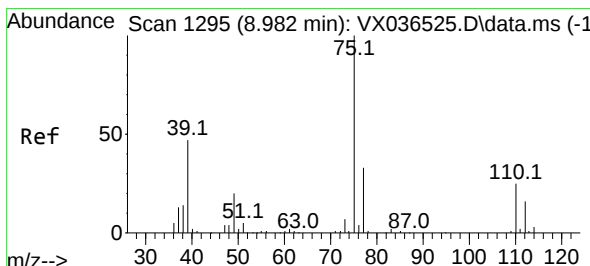
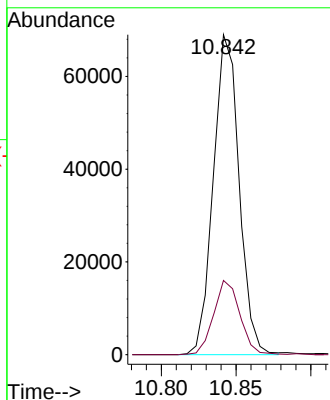
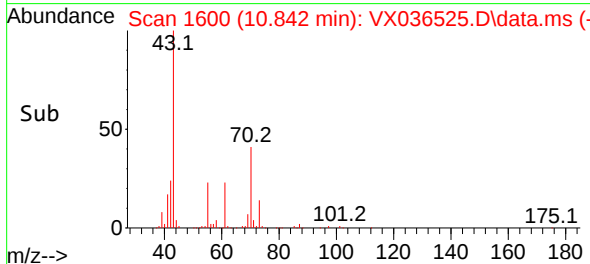
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 82790
Ion Ratio Lower Upper
43 100
55 23.3 18.6 28.0

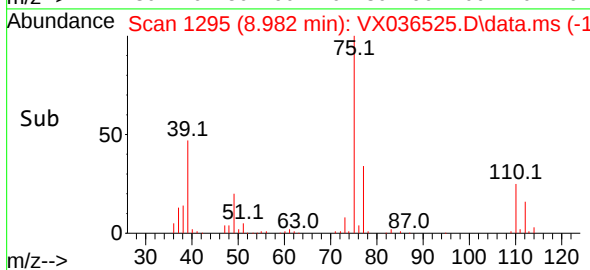
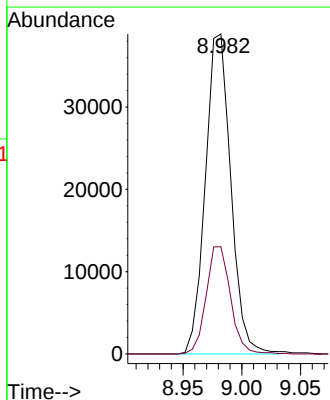
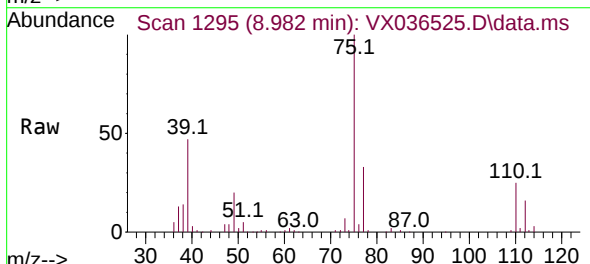
Manual Integrations
APPROVED

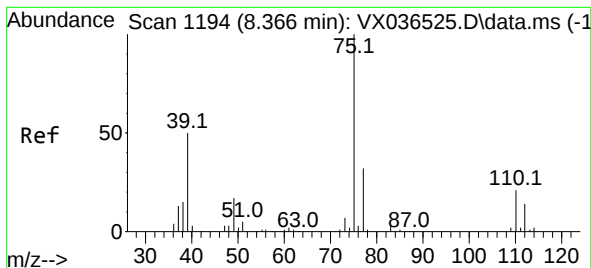
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#48
t-1,3-Dichloropropene
Concen: 17.699 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion: 75 Resp: 58721
Ion Ratio Lower Upper
75 100
77 33.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.252 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 65410

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

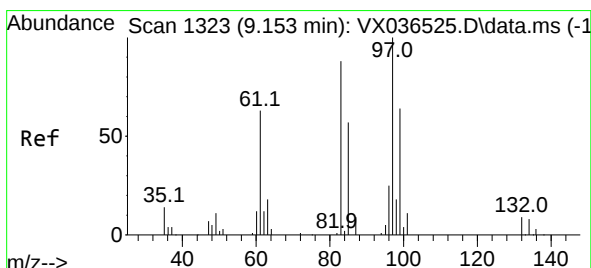
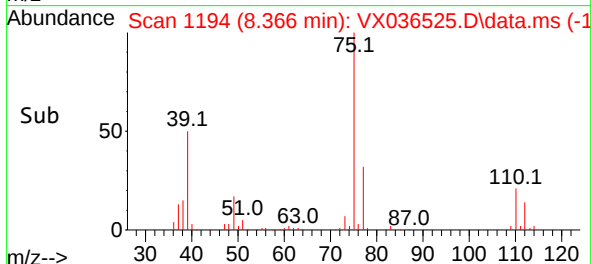
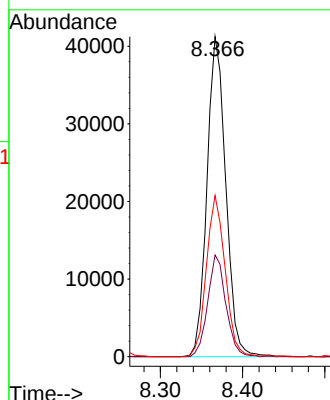
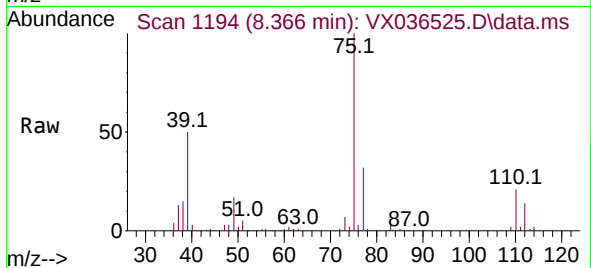
39 50.3 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 18.852 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Tgt Ion: 97 Resp: 42655

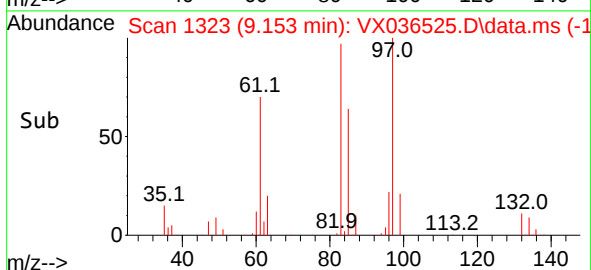
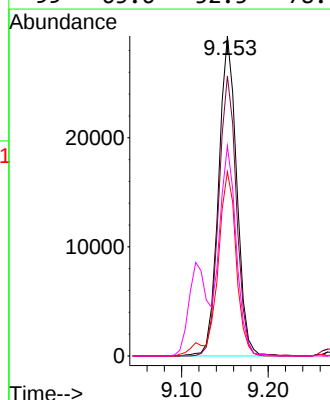
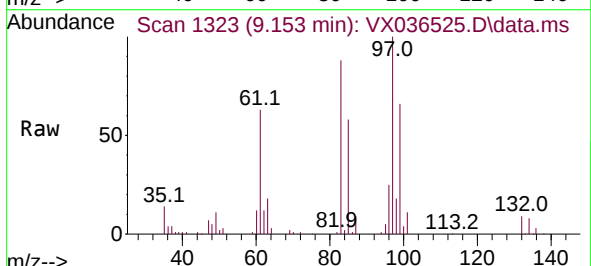
Ion Ratio Lower Upper

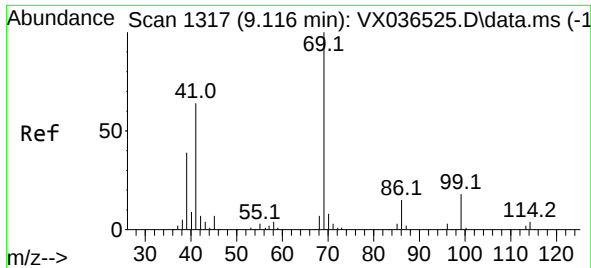
97 100

83 87.5 70.0 105.0

85 57.6 46.1 69.1

99 65.6 52.5 78.7





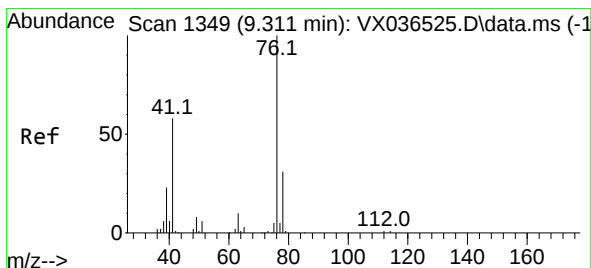
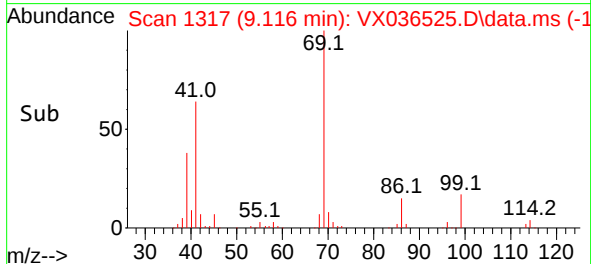
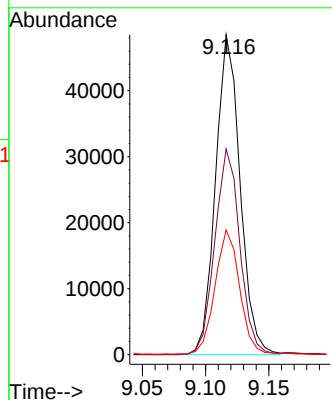
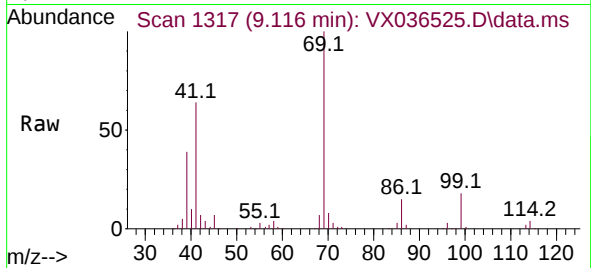
#51
Ethyl methacrylate
Concen: 18.409 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 6539
Ion Ratio Lower Upper
69 100
41 64.0 32.0 96.0
39 38.9 19.4 58.4

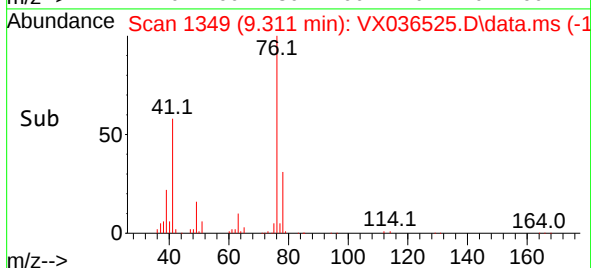
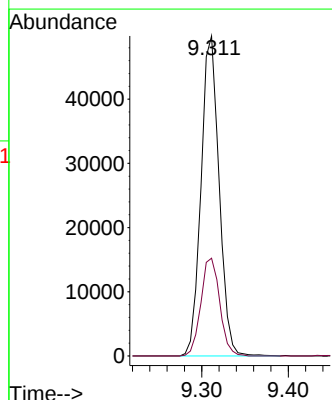
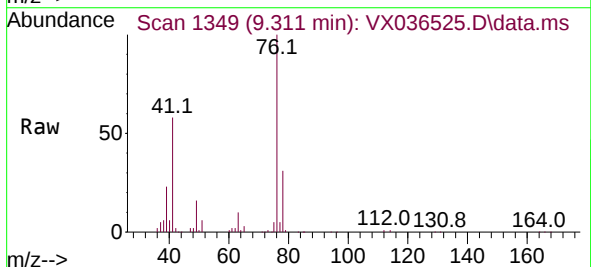
Manual Integrations
APPROVED

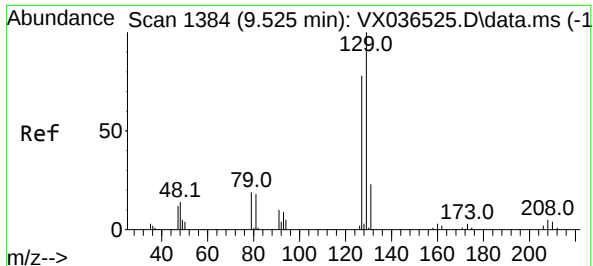
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 18.929 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

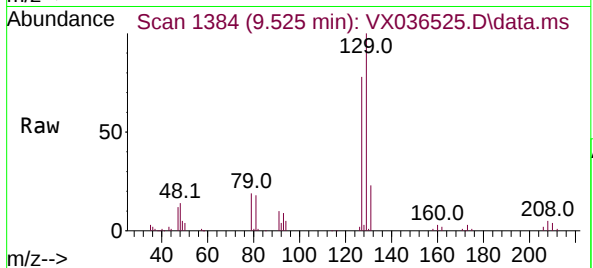
Tgt Ion: 76 Resp: 72280
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.6





#53
Dibromochloromethane
Concen: 17.984 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

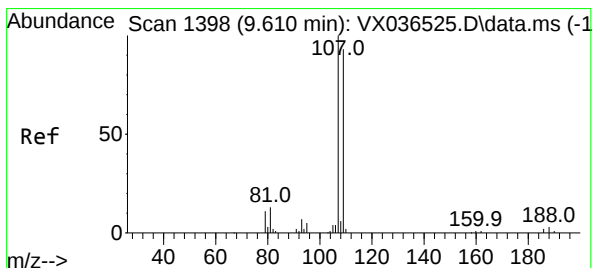
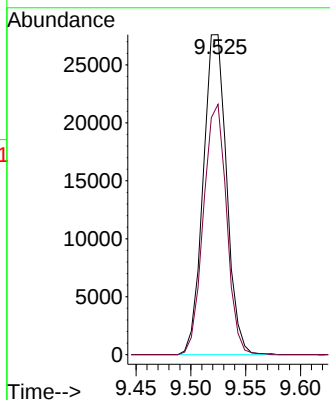
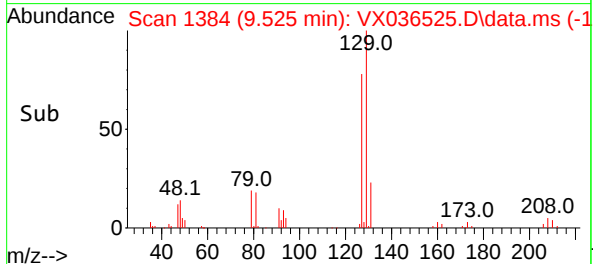
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 41073
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

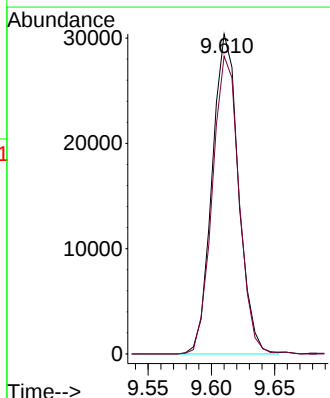
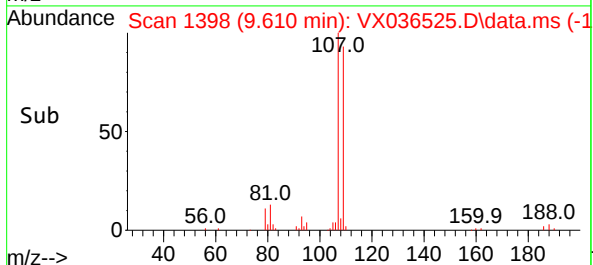
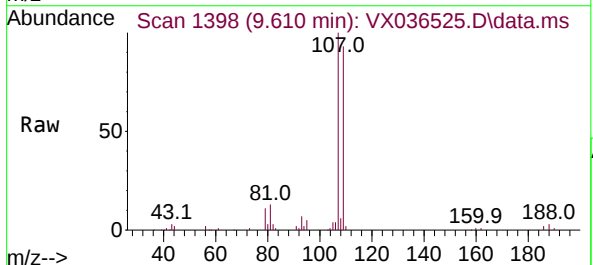
Manual Integrations
APPROVED

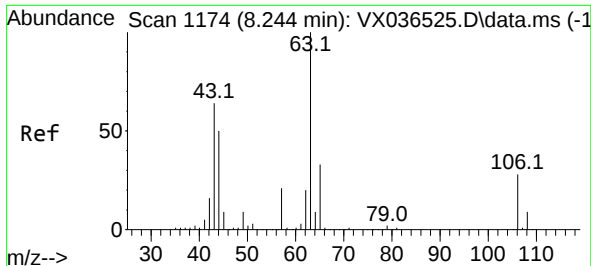
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
1,2-Dibromoethane
Concen: 18.500 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion:107 Resp: 43973
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 94.493 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 180520

Ion Ratio Lower Upper

63 100

65 32.4 25.9 38.9

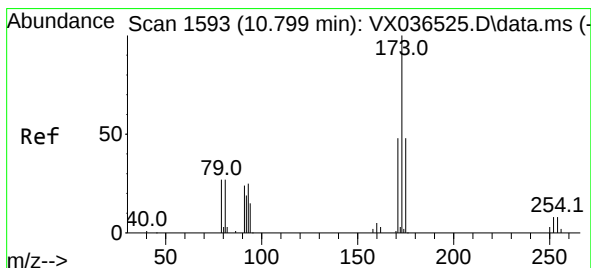
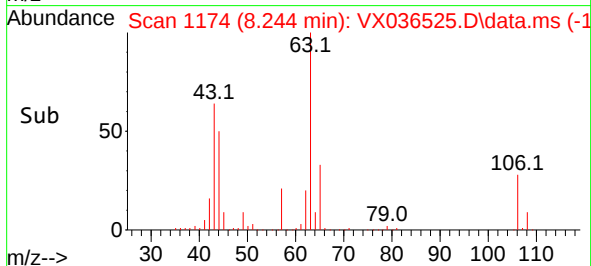
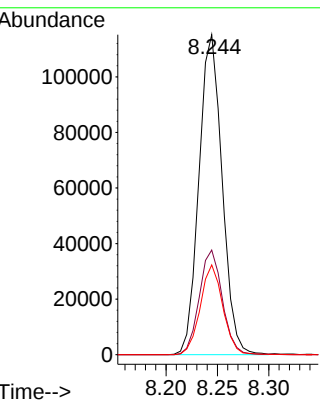
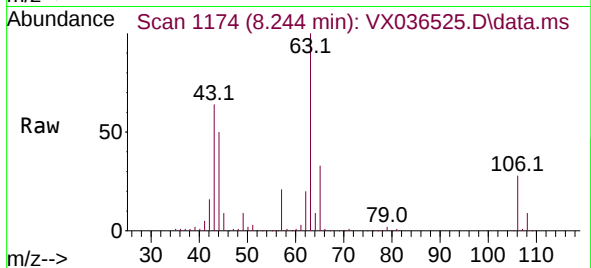
106 27.3 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#56

Bromoform

Concen: 17.503 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

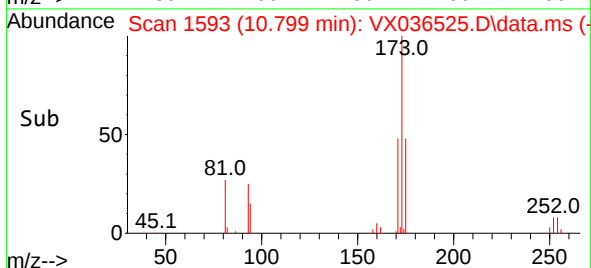
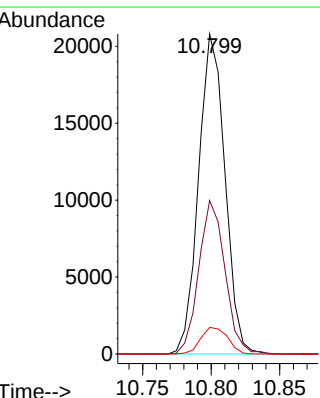
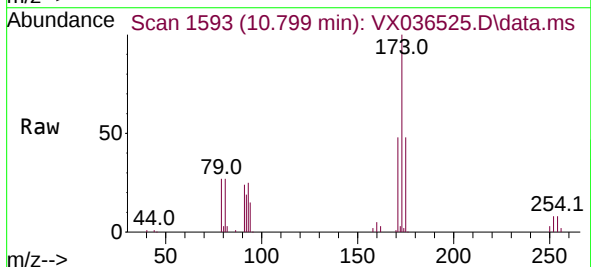
Tgt Ion:173 Resp: 27811

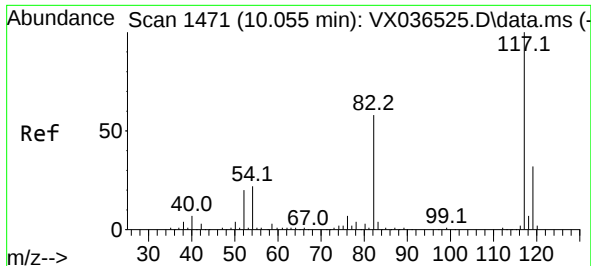
Ion Ratio Lower Upper

173 100

175 47.6 38.1 57.1

254 8.4 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 117 Resp: 16455

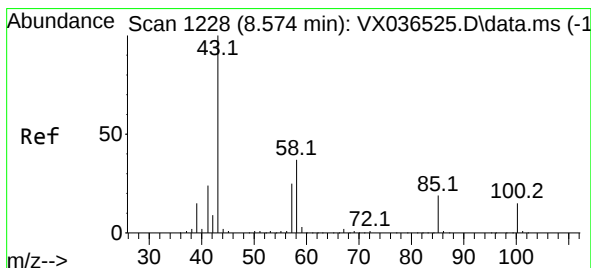
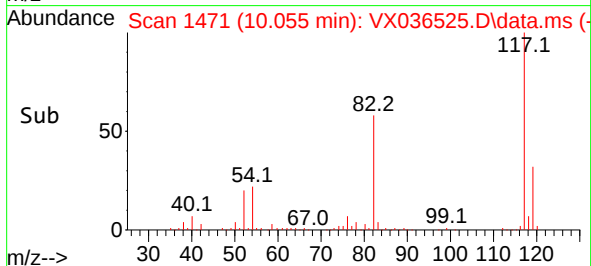
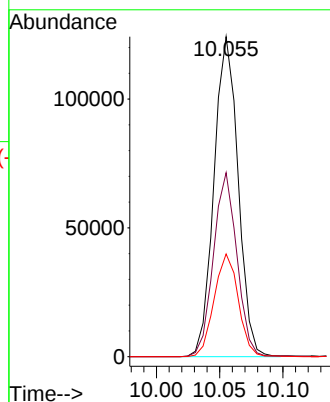
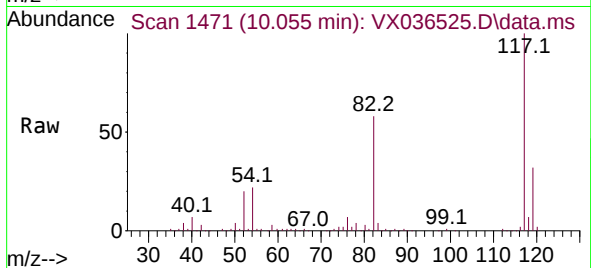
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.7	67.1
119	32.0	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#58

4-Methyl-2-Pentanone

Concen: 94.932 ug/l

RT: 8.574 min Scan# 1228

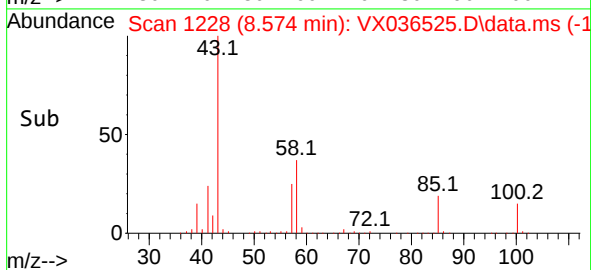
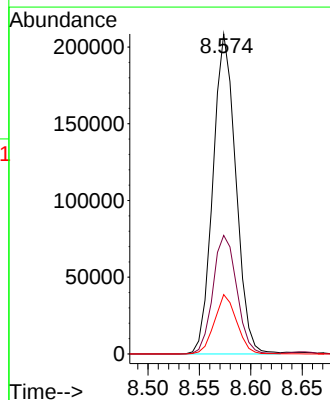
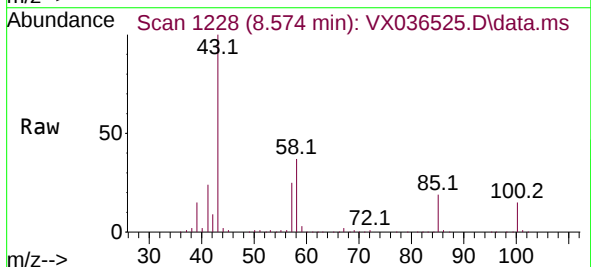
Delta R.T. 0.000 min

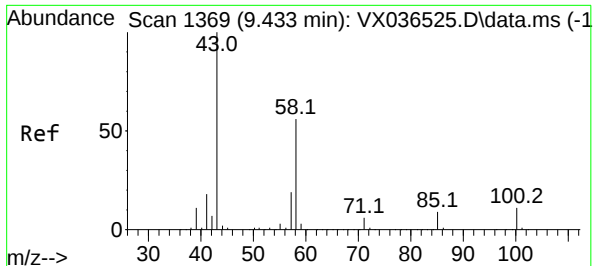
Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Tgt Ion: 43 Resp: 323034

Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.9	46.3
85	18.0	14.4	21.6





#59

2-Hexanone

Concen: 94.311 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 244140

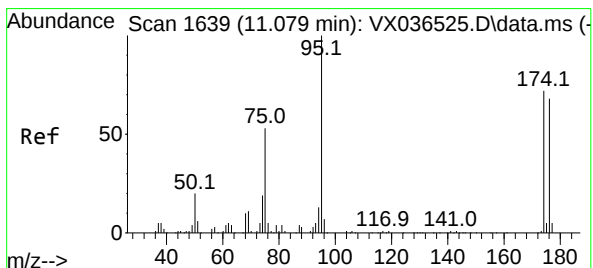
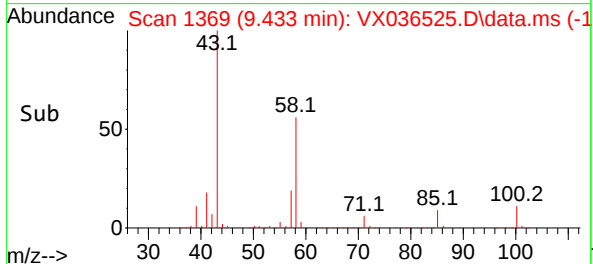
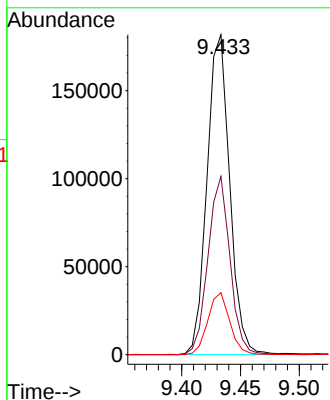
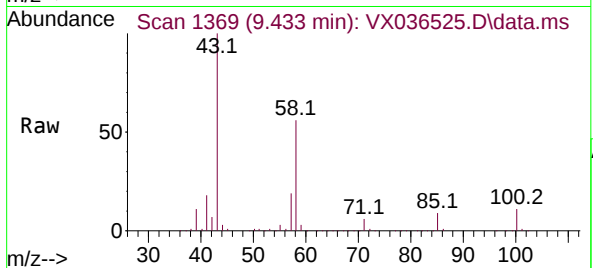
Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.4	65.2
57	18.9	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#60

4-Bromofluorobenzene

Concen: 30.120 ug/l

RT: 11.079 min Scan# 1639

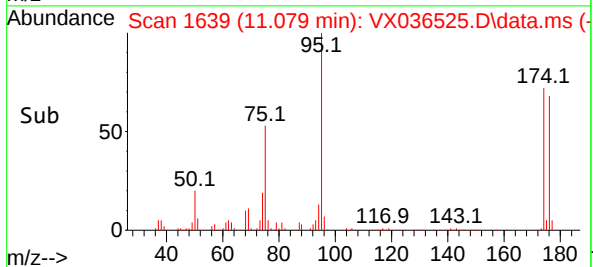
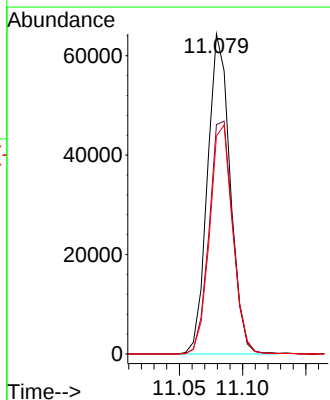
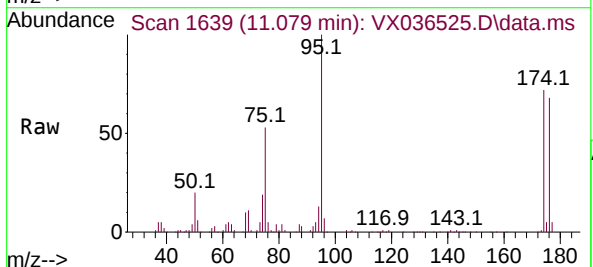
Delta R.T. 0.000 min

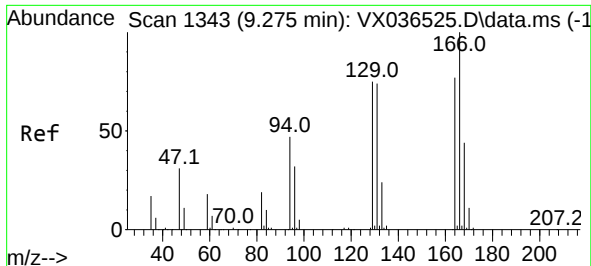
Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Tgt Ion: 95 Resp: 80399

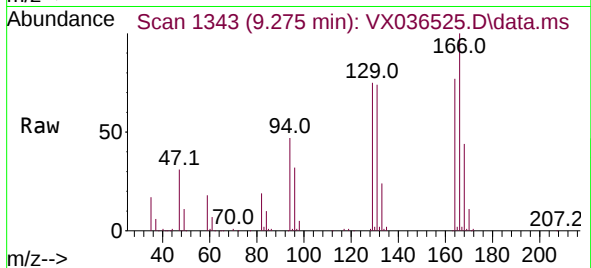
Ion	Ratio	Lower	Upper
95	100		
174	75.6	60.5	90.7
176	72.8	58.2	87.4





#61
Tetrachloroethene
Concen: 19.738 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

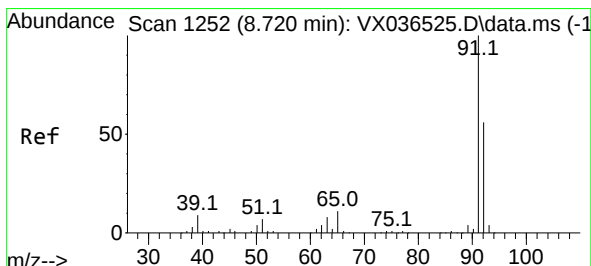
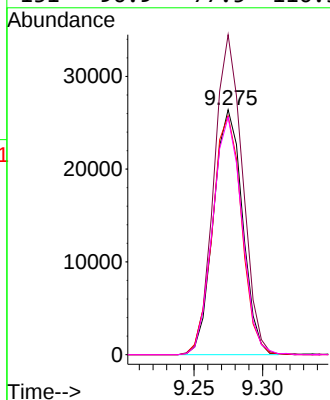
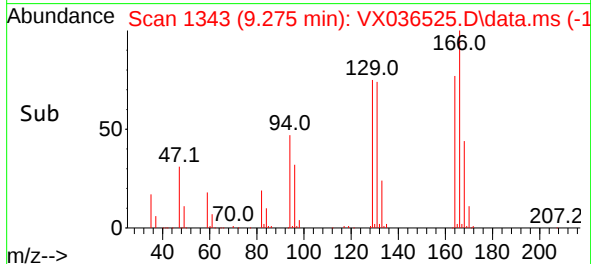
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 3890
Ion Ratio Lower Upper
164 100
166 130.6 104.5 156.7
129 97.5 78.0 117.0
131 96.9 77.5 116.3

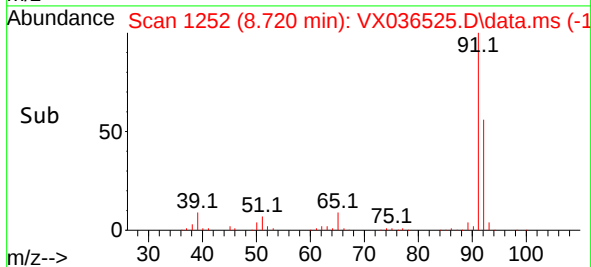
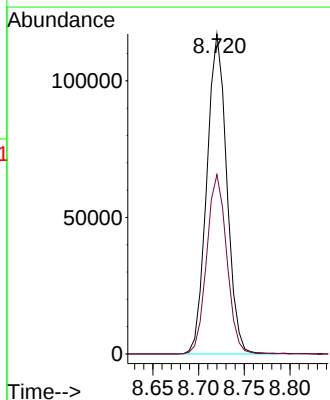
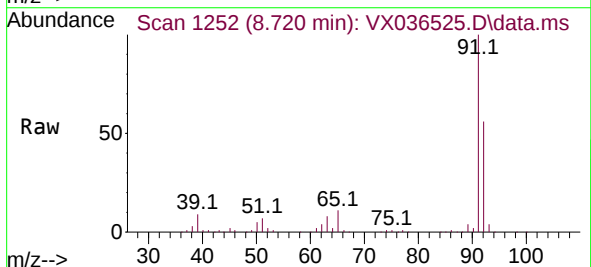
Manual Integrations
APPROVED

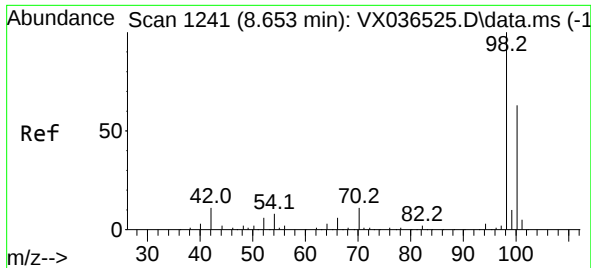
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#62
Toluene
Concen: 19.245 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

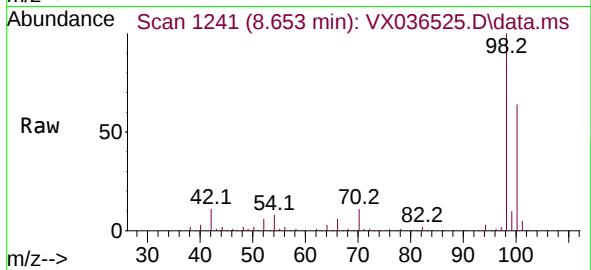
Tgt Ion: 91 Resp: 177686
Ion Ratio Lower Upper
91 100
92 56.1 44.9 67.3





#63
Toluene-d8
Concen: 30.286 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

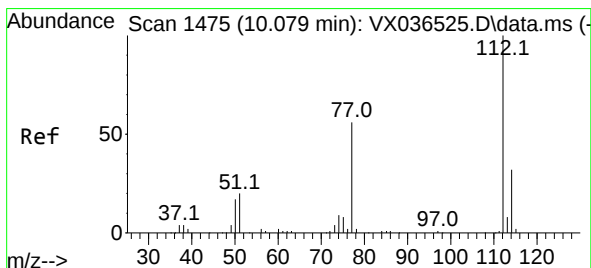
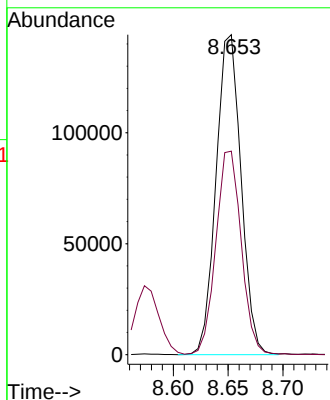
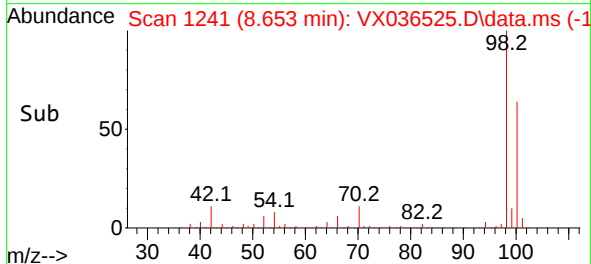
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



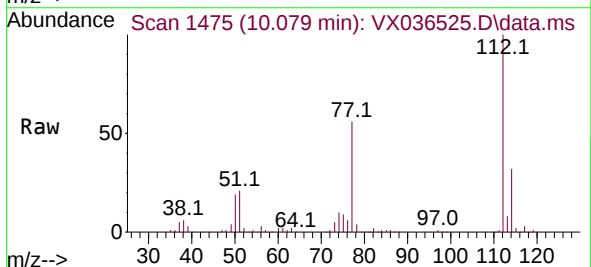
Tgt Ion: 98 Resp: 229334
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

Manual Integrations
APPROVED

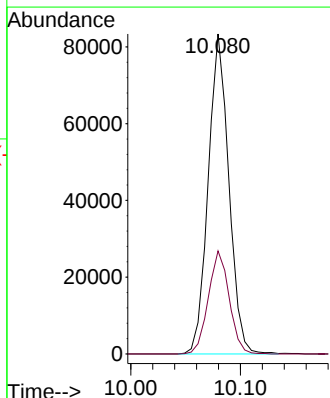
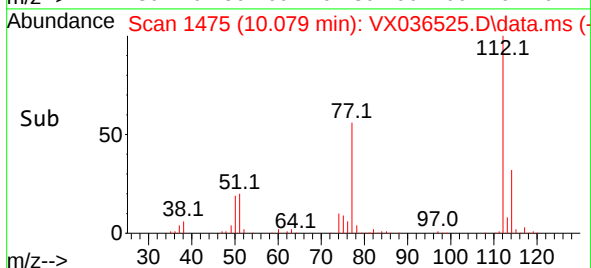
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

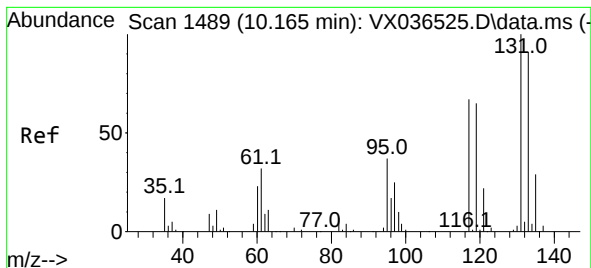


#64
Chlorobenzene
Concen: 18.951 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



Tgt Ion:112 Resp: 108930
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





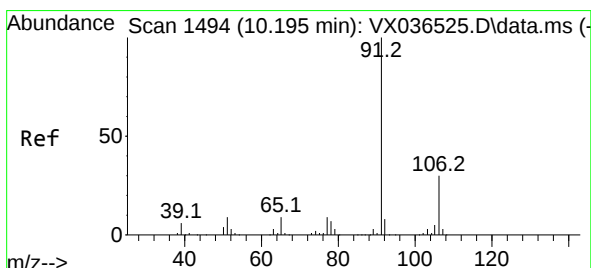
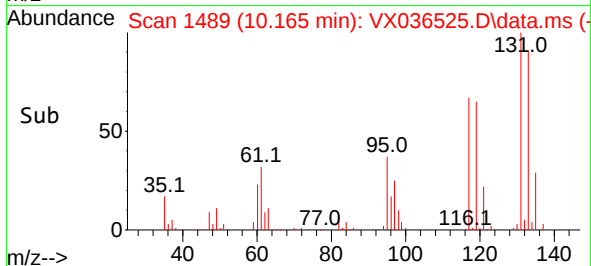
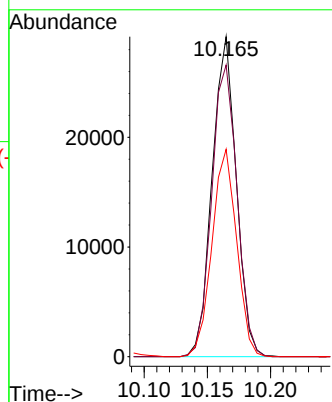
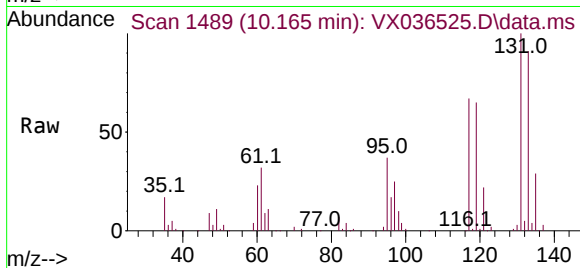
#65
1,1,1,2-Tetrachloroethane
Concen: 18.622 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 38659
Ion Ratio Lower Upper
131 100
133 96.0 0.0 192.0
119 66.4 0.0 132.8

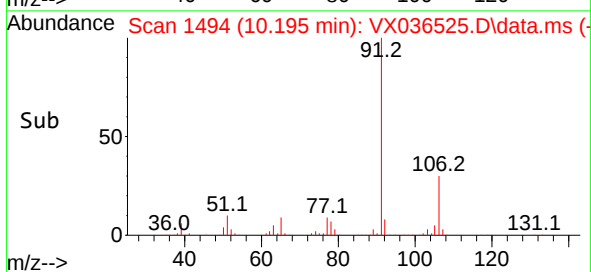
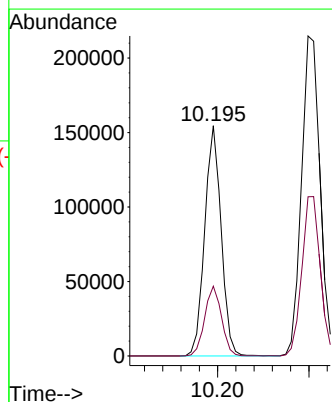
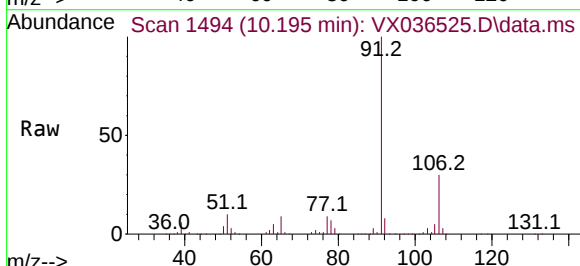
Manual Integrations
APPROVED

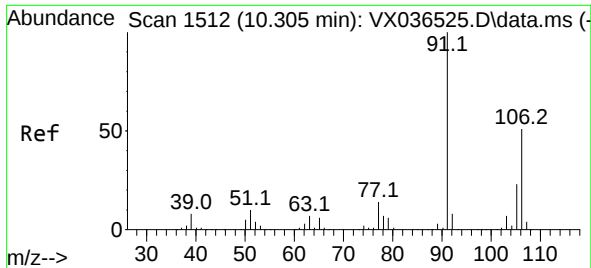
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
Ethyl Benzene
Concen: 19.254 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion: 91 Resp: 193205
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4





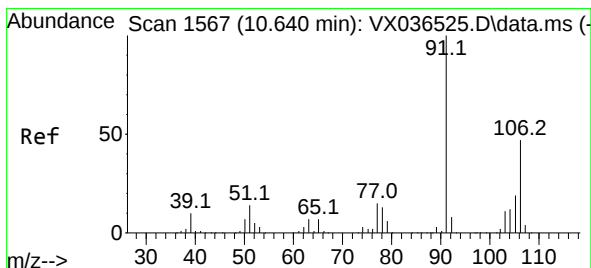
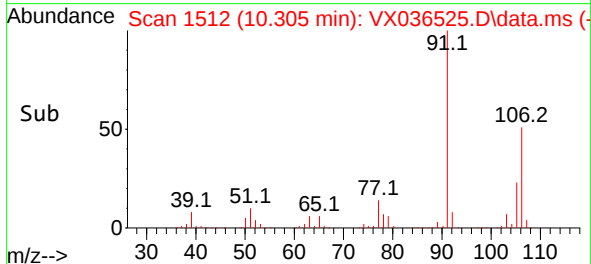
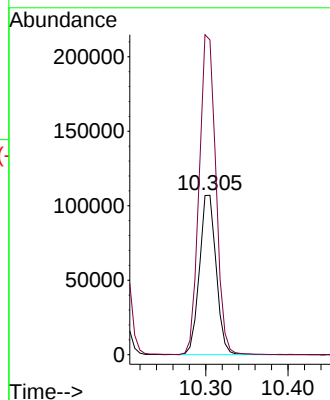
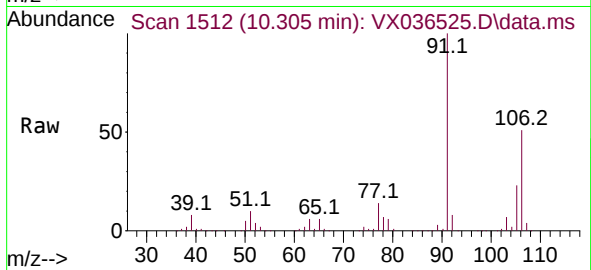
#67
m/p-Xylenes
Concen: 38.594 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 15097
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

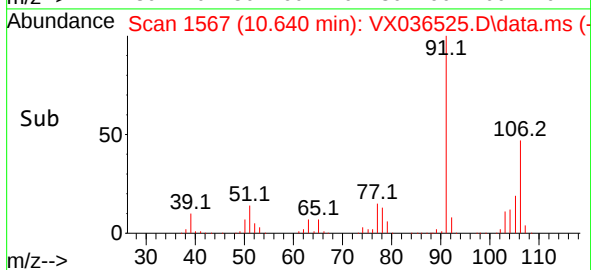
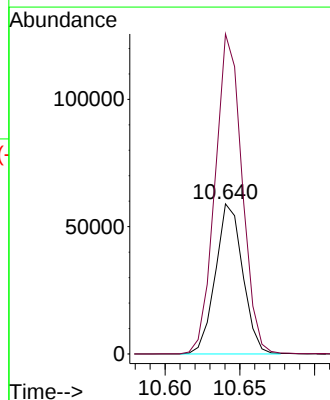
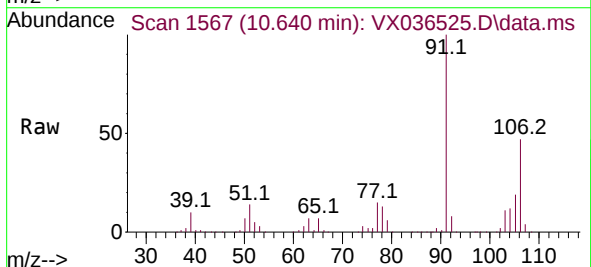
Manual Integrations
APPROVED

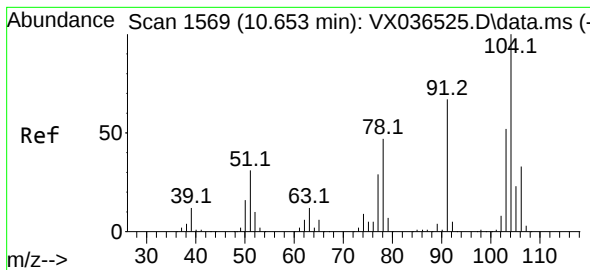
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#68
o-Xylene
Concen: 19.279 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

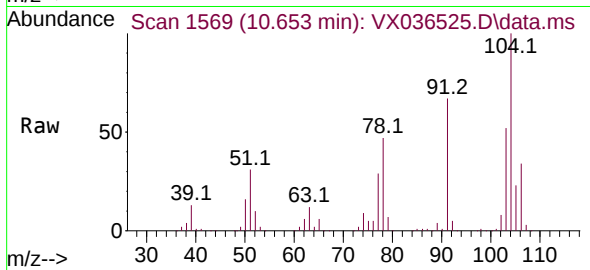
Tgt Ion:106 Resp: 74849
Ion Ratio Lower Upper
106 100
91 210.7 105.4 316.1





#69
Styrene
Concen: 19.045 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

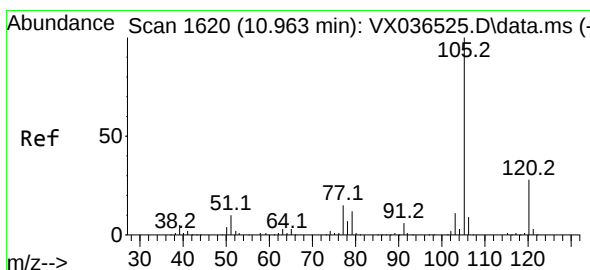
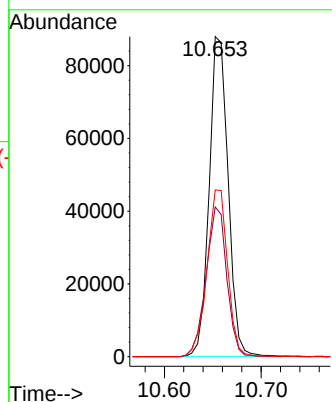
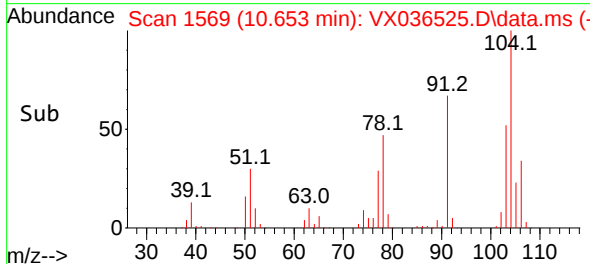
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



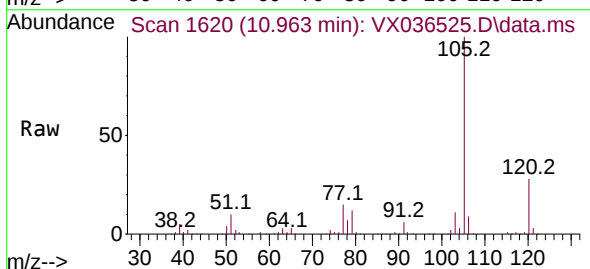
Tgt Ion:104 Resp: 11988
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 56.9 45.5 68.3

Manual Integrations
APPROVED

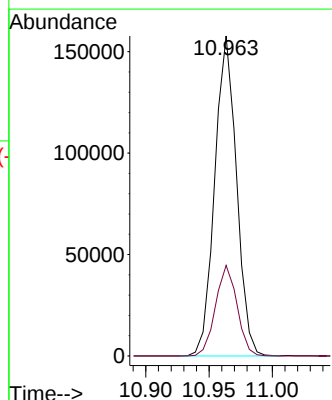
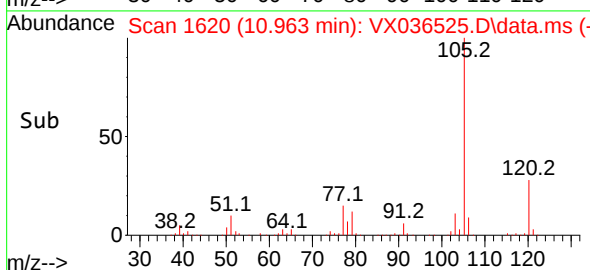
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

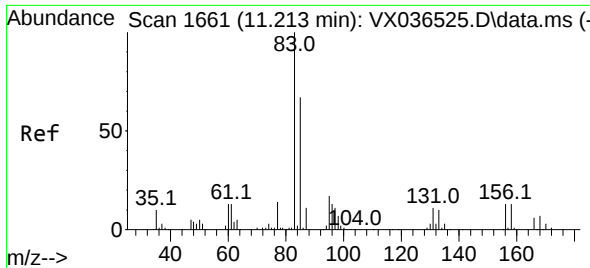


#70
Isopropylbenzene
Concen: 19.515 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



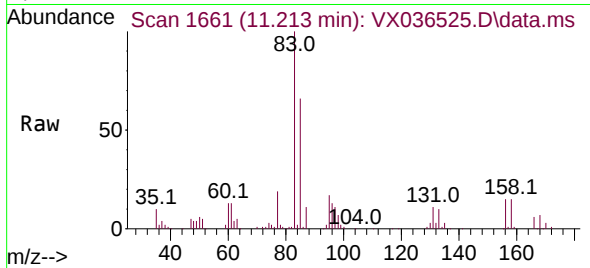
Tgt Ion:105 Resp: 188708
Ion Ratio Lower Upper
105 100
120 27.9 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 18.502 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

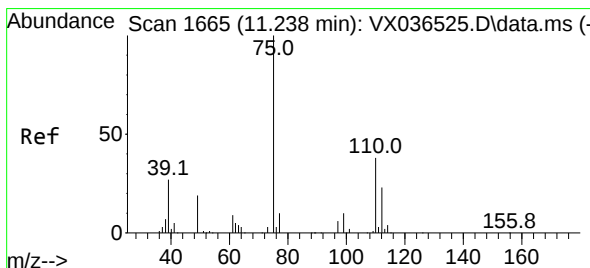
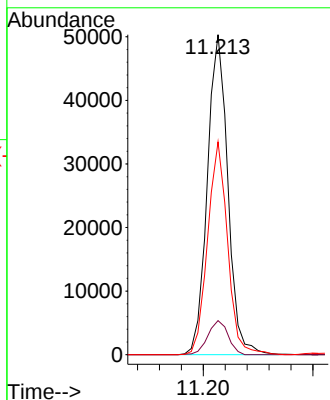
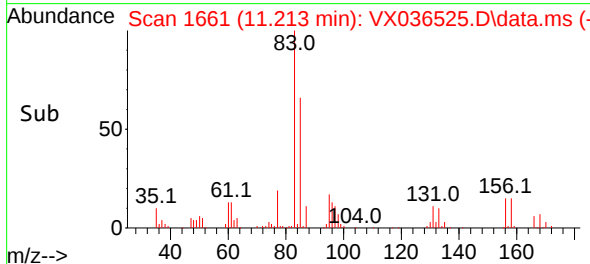
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



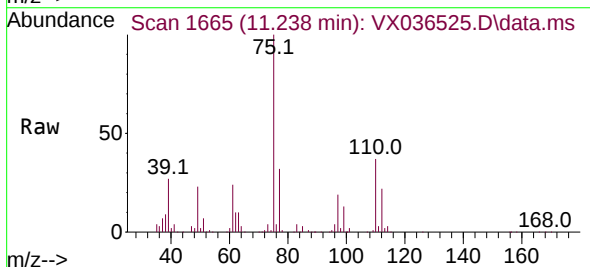
Tgt Ion: 83 Resp: 6530
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 64.7 32.4 97.0

Manual Integrations
APPROVED

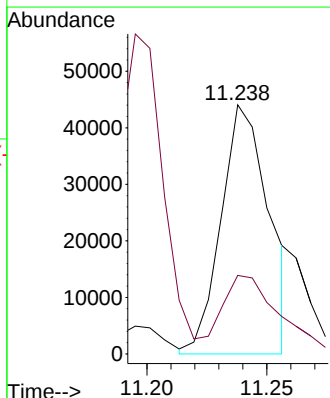
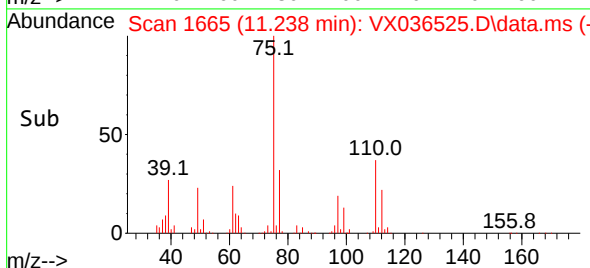
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

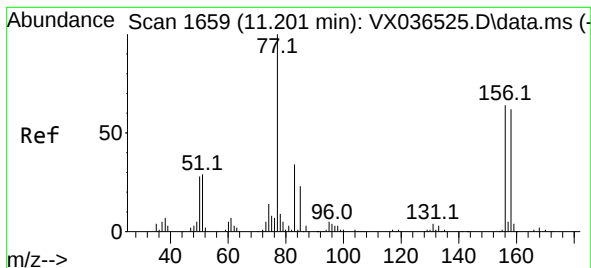


#72
1,2,3-Trichloropropane
Concen: 18.783 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



Tgt Ion: 75 Resp: 61146
Ion Ratio Lower Upper
75 100
77 38.6 0.0 77.2





#73

Bromobenzene

Concen: 18.697 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

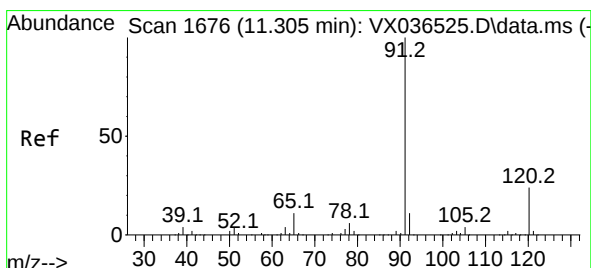
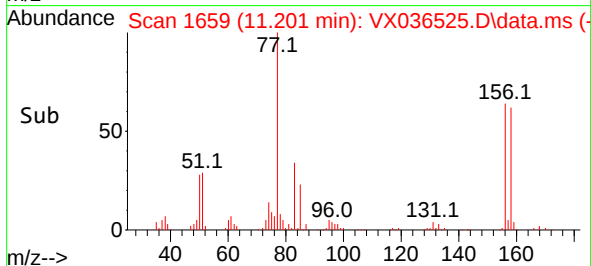
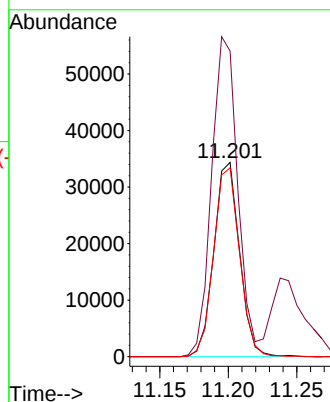
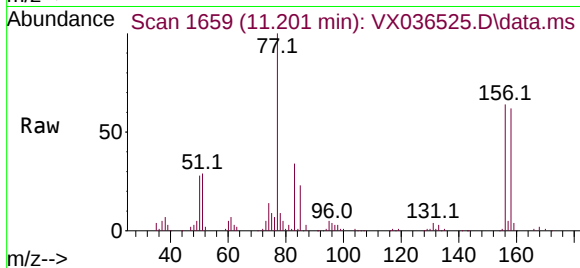
Tgt Ion:	156	Resp:	44692
Ion Ratio	Lower	Upper	
156	100		
77	166.5	0.0	333.0
158	98.2	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#74

n-propylbenzene

Concen: 19.245 ug/l

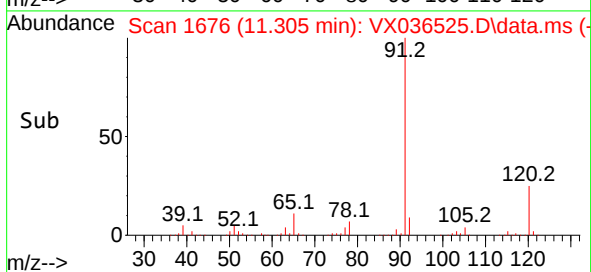
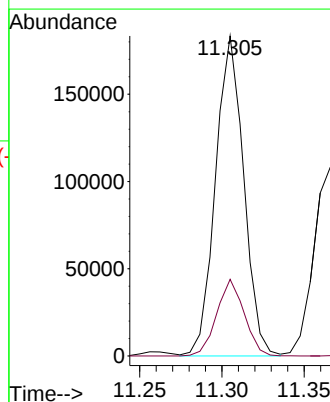
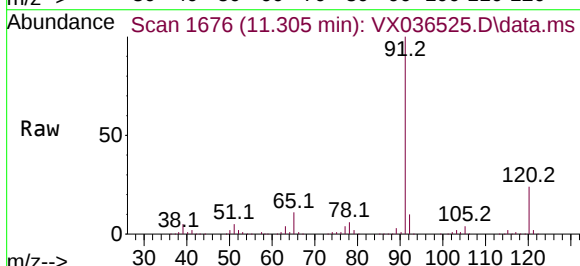
RT: 11.305 min Scan# 1676

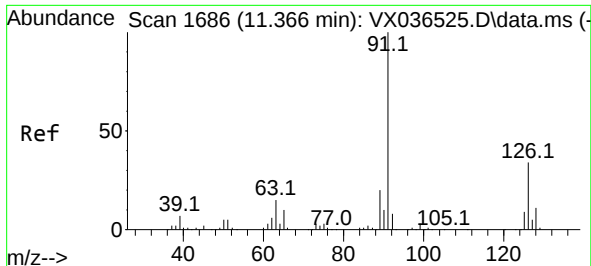
Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Tgt Ion:	91	Resp:	219031
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.6





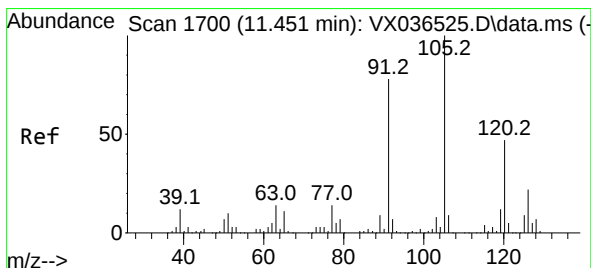
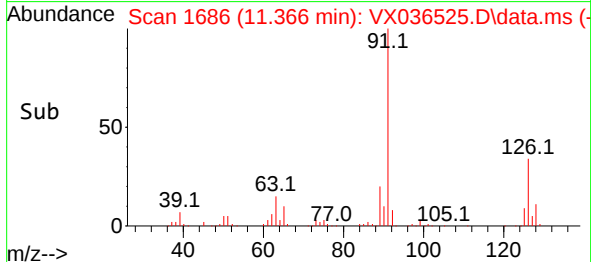
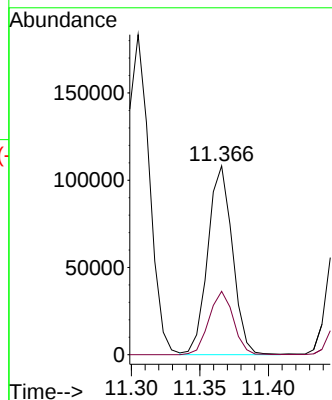
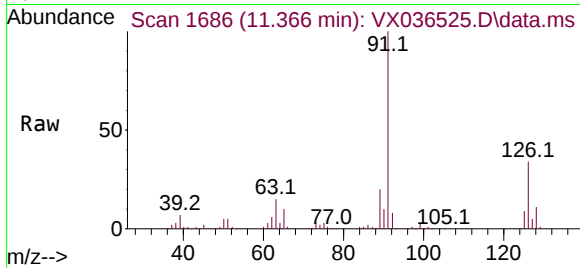
#75
2-Chlorotoluene
Concen: 19.589 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 13557
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.2

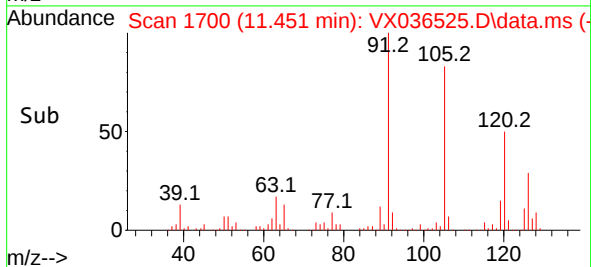
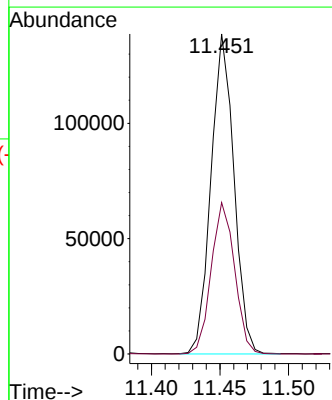
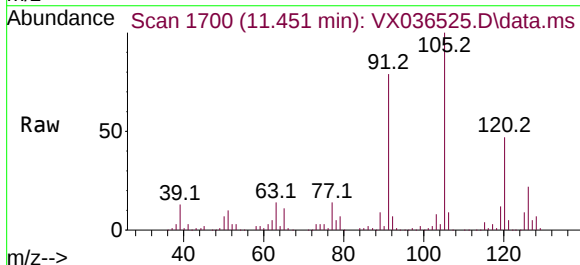
Manual Integrations
APPROVED

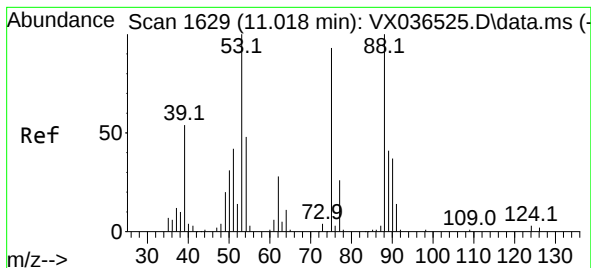
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.476 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

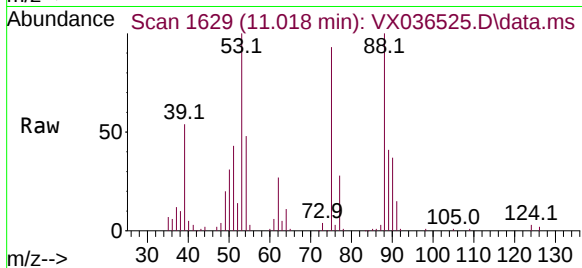
Tgt Ion:105 Resp: 161828
Ion Ratio Lower Upper
105 100
120 48.2 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.974 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

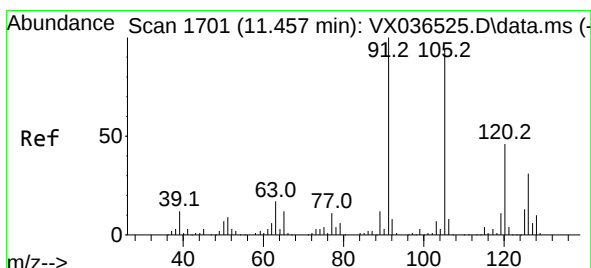
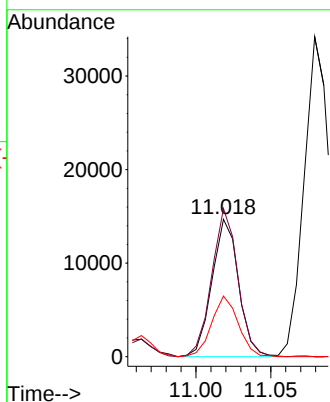
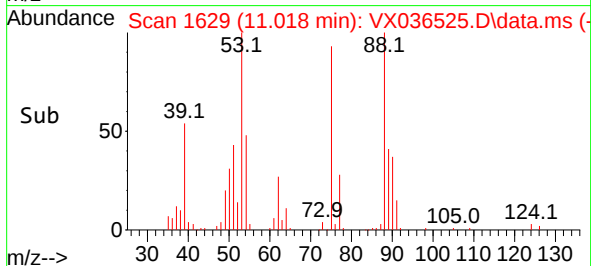
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



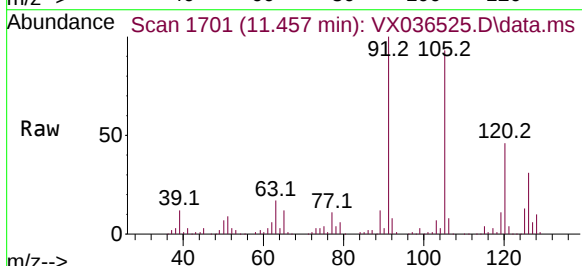
Tgt Ion: 75 Resp: 18229
Ion Ratio Lower Upper
75 100
53 107.8 53.9 161.7
89 44.1 22.1 66.1

Manual Integrations
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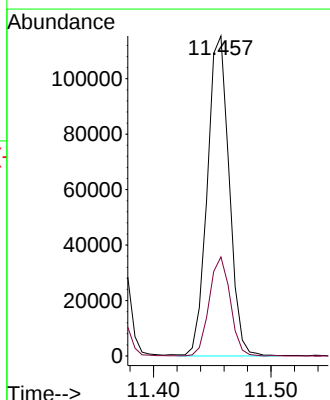
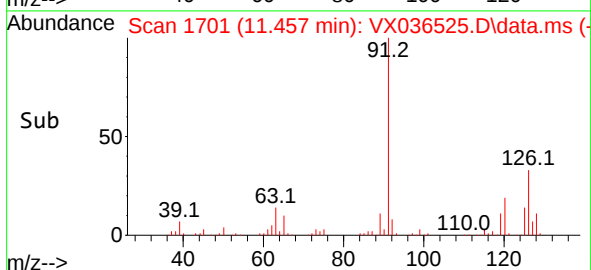
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

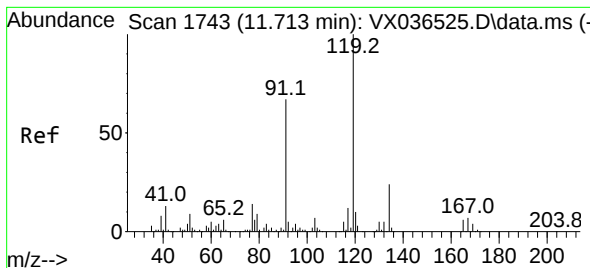


#78
4-Chlorotoluene
Concen: 18.920 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32



Tgt Ion: 91 Resp: 149093
Ion Ratio Lower Upper
91 100
126 29.7 0.0 59.4





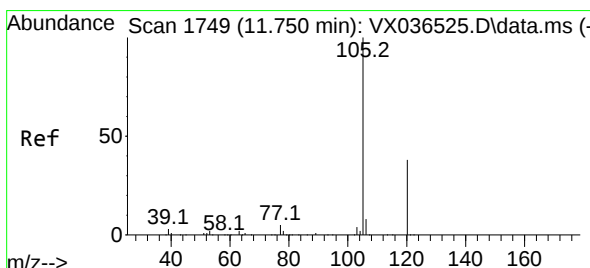
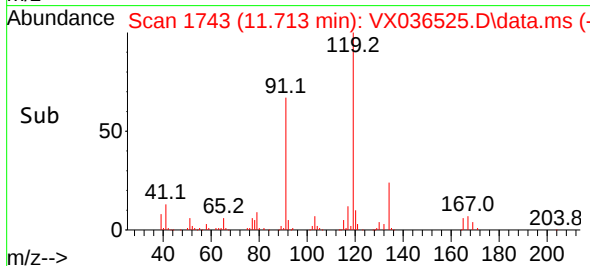
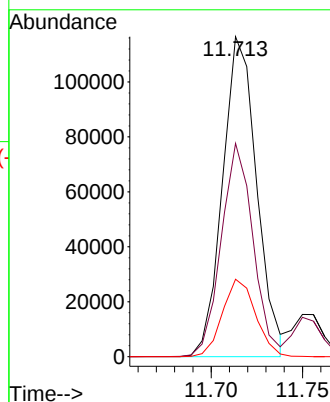
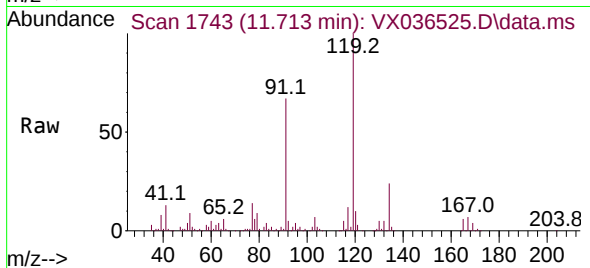
#79
tert-butylbenzene
Concen: 19.188 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 151328
Ion Ratio Lower Upper
119 100
91 62.2 0.0 124.4
134 23.6 0.0 47.2

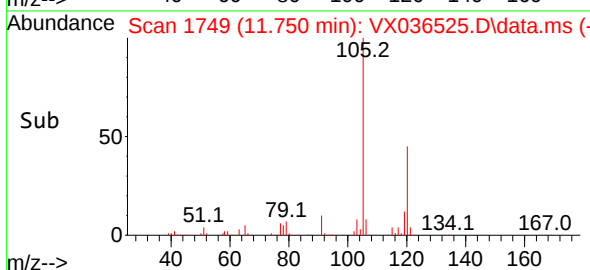
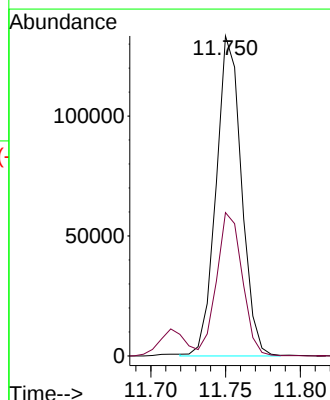
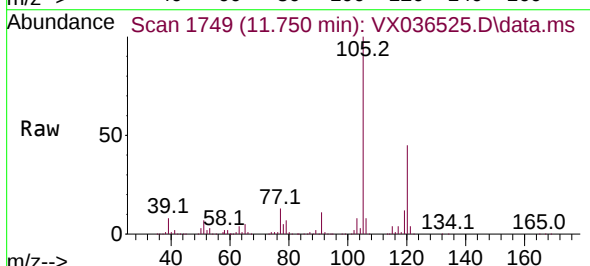
Manual Integrations
APPROVED

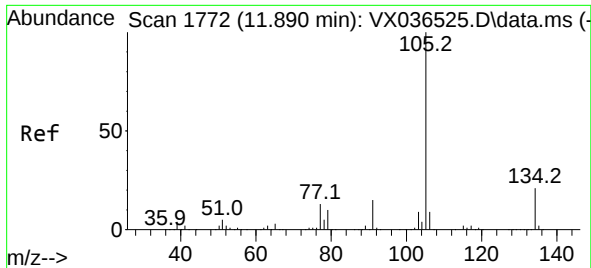
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.117 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion:105 Resp: 157396
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.2





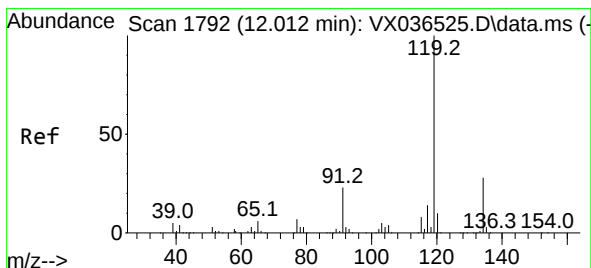
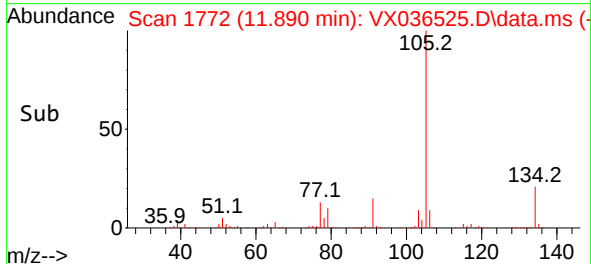
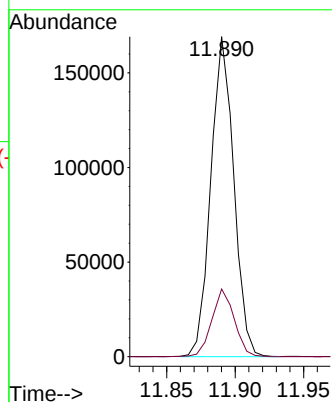
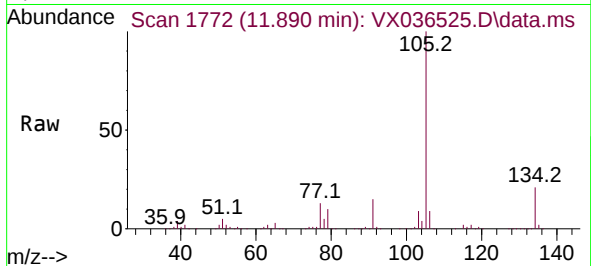
#81
 sec-Butylbenzene
 Concen: 19.828 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 196829
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2

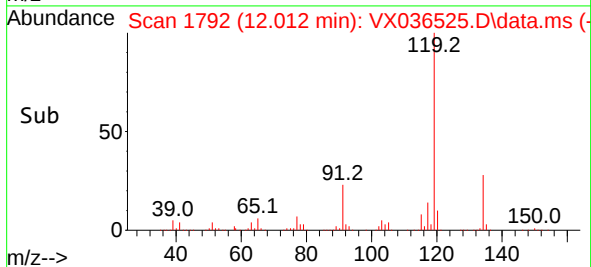
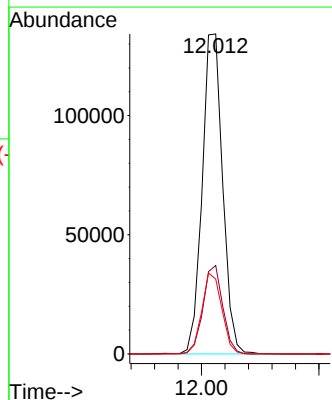
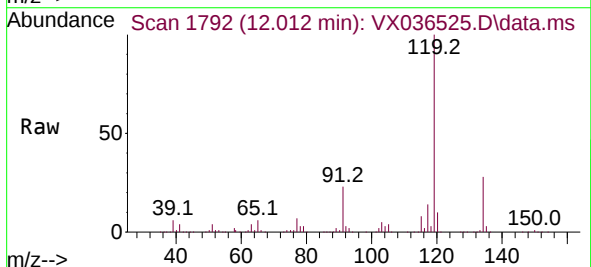
Manual Integrations
 APPROVED

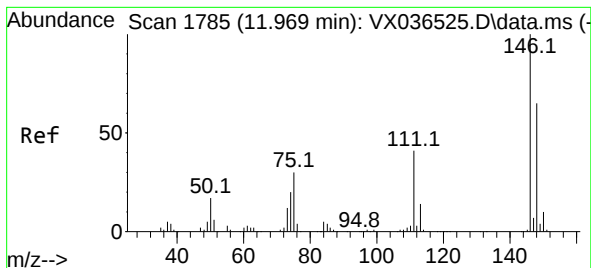
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#82
 p-Isopropyltoluene
 Concen: 19.607 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX036525.D
 Acq: 13 Jul 2023 14:32

Tgt Ion:119 Resp: 161930
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 24.7 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 18.991 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 8443

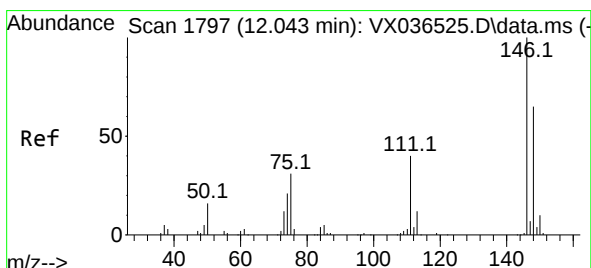
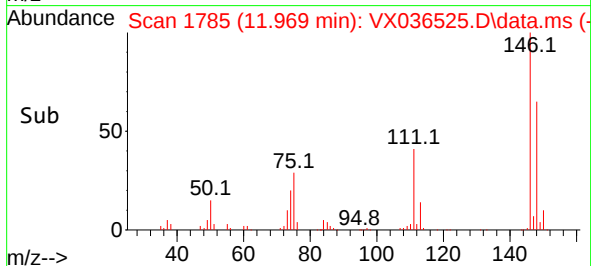
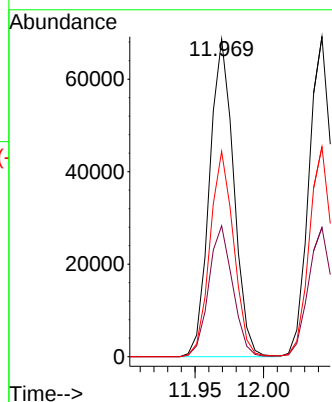
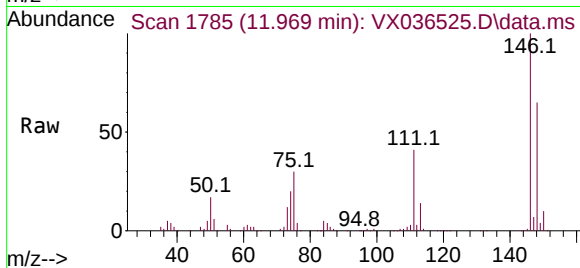
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.2	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#84

1,4-Dichlorobenzene

Concen: 18.652 ug/l

RT: 12.043 min Scan# 1797

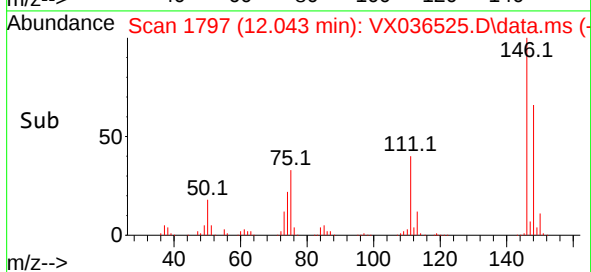
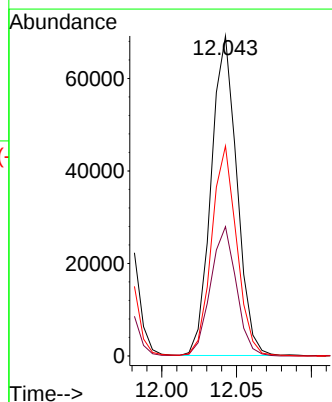
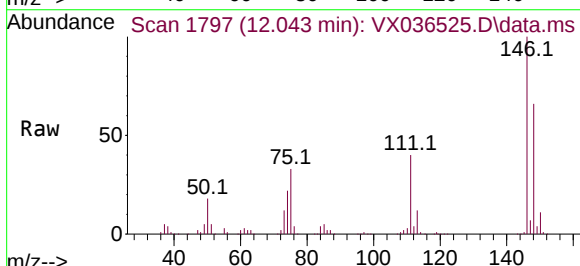
Delta R.T. 0.000 min

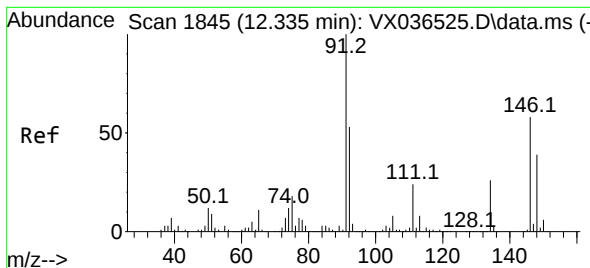
Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Tgt Ion:146 Resp: 82638

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	64.2	32.1	96.3





#85

n-Butylbenzene

Concen: 19.013 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 14294

Ion Ratio Lower Upper

91 100

92 52.6 0.0 105.2

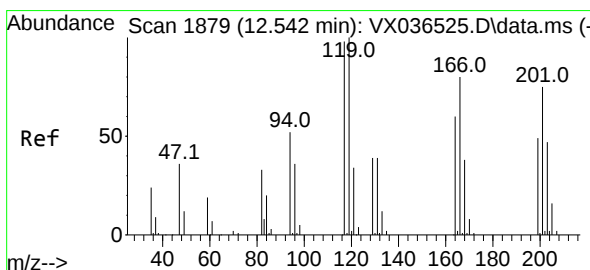
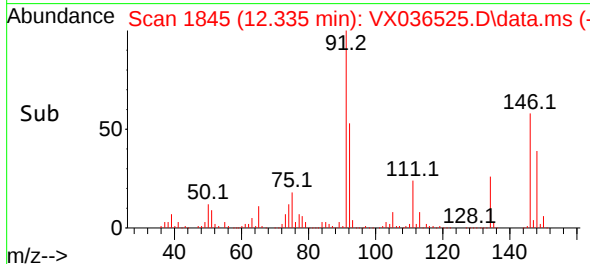
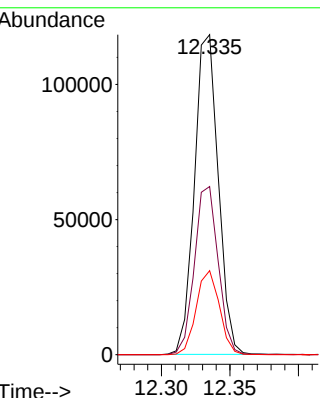
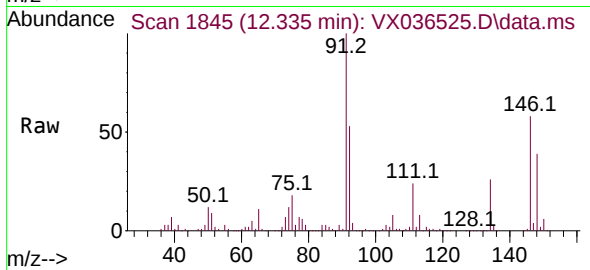
134 25.7 0.0 51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#86

Hexachloroethane

Concen: 17.618 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX036525.D

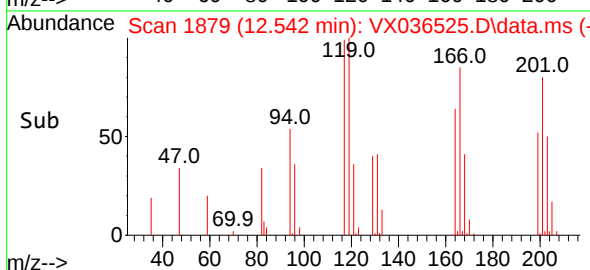
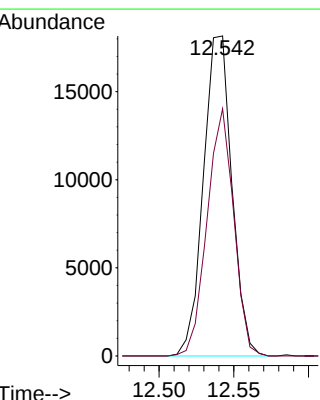
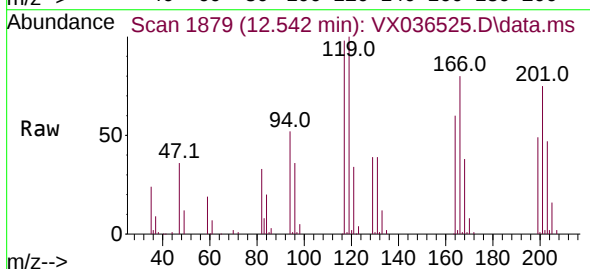
Acq: 13 Jul 2023 14:32

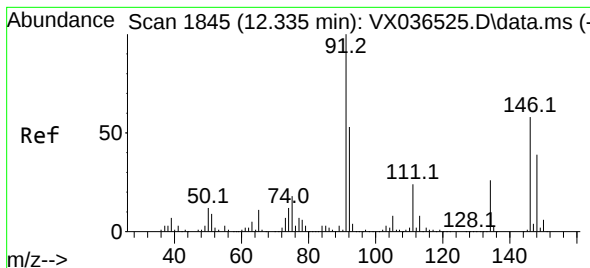
Tgt Ion:117 Resp: 24090

Ion Ratio Lower Upper

117 100

201 72.0 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 18.651 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 83179

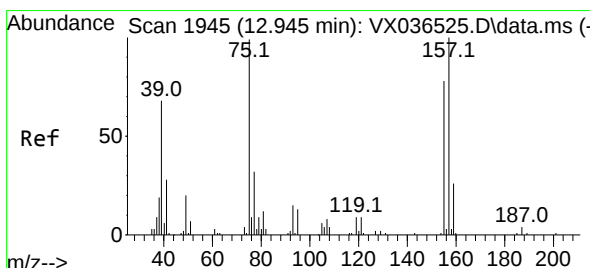
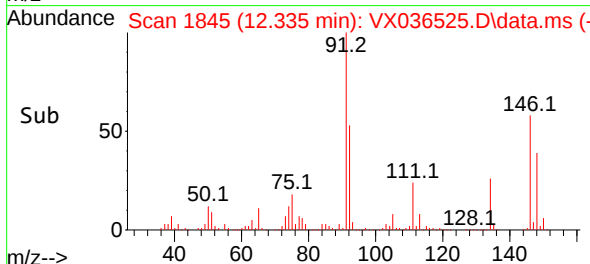
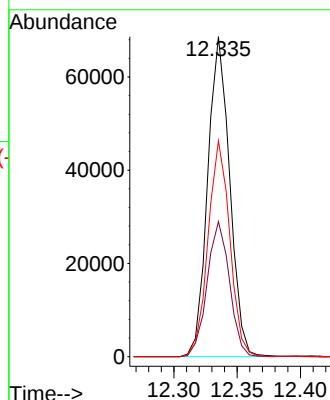
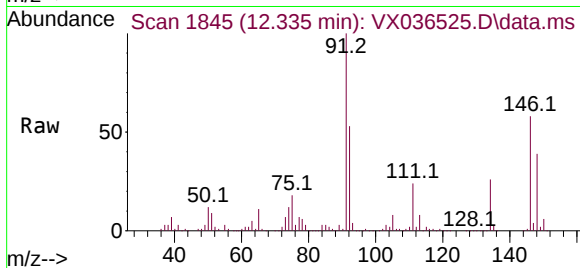
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	66.4	33.2	99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.250 ug/l

RT: 12.945 min Scan# 1945

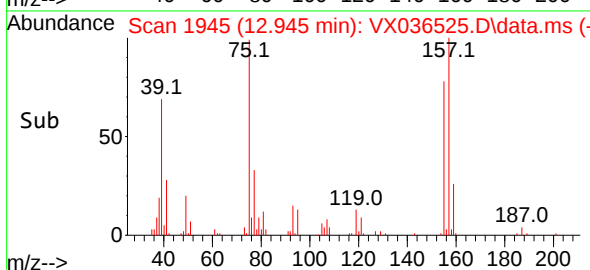
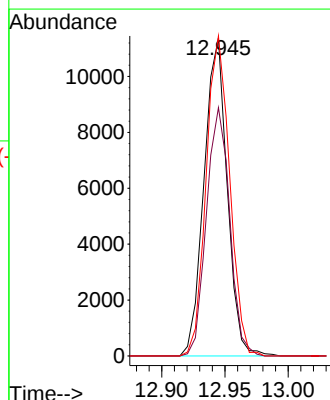
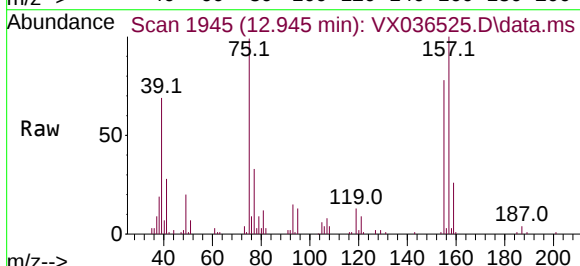
Delta R.T. 0.000 min

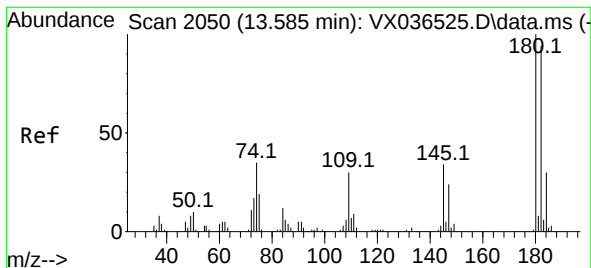
Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Tgt Ion: 75 Resp: 14483

Ion	Ratio	Lower	Upper
75	100		
155	78.4	62.7	94.1
157	101.9	81.5	122.3





#89

1,2,4-Trichlorobenzene

Concen: 18.329 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

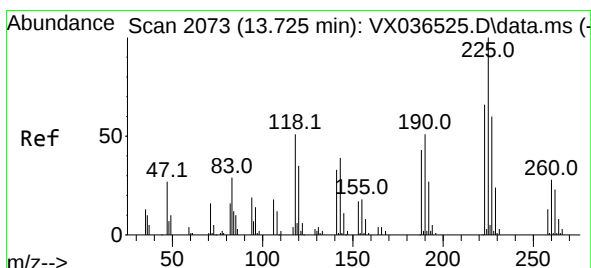
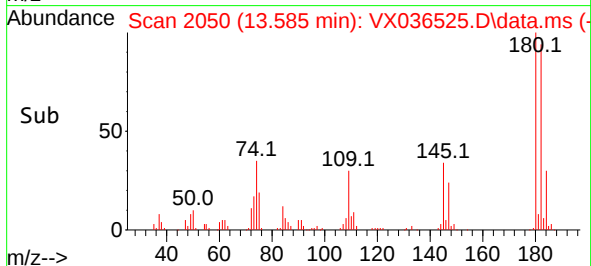
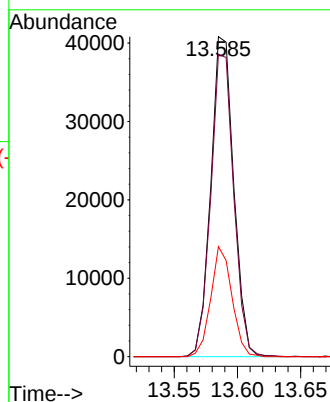
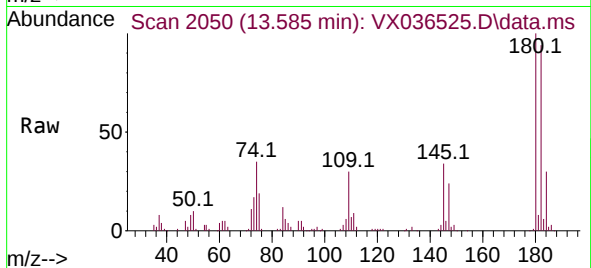
Tgt Ion:180	Resp:	5154
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.6 113.4
145	31.8	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#90

Hexachlorobutadiene

Concen: 20.304 ug/l

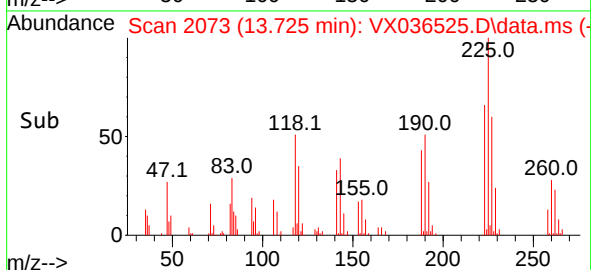
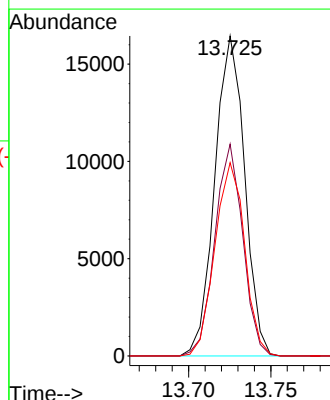
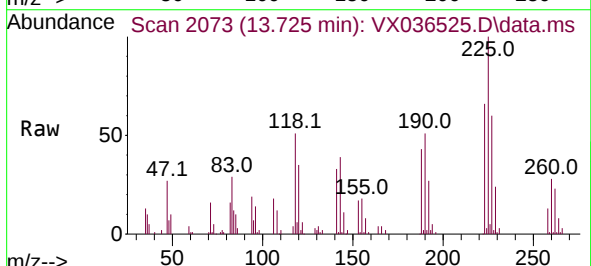
RT: 13.725 min Scan# 2073

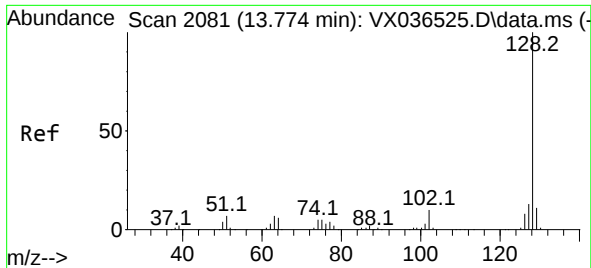
Delta R.T. 0.000 min

Lab File: VX036525.D

Acq: 13 Jul 2023 14:32

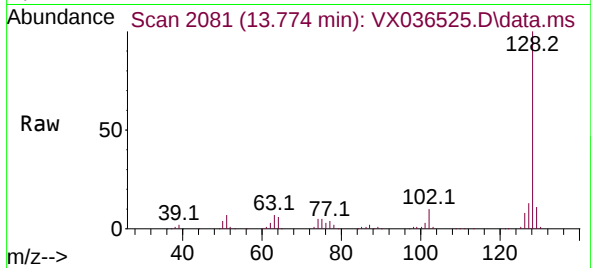
Tgt Ion:225	Resp:	20740
Ion Ratio	Lower	Upper
225	100	
223	62.1	0.0 124.2
227	60.2	0.0 120.4





#91
Naphthalene
Concen: 18.419 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

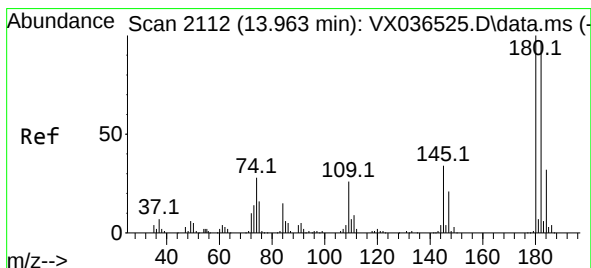
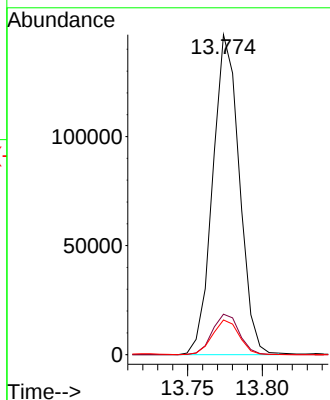
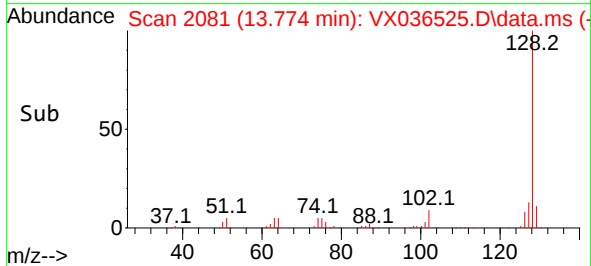
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 18176
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.691 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036525.D
Acq: 13 Jul 2023 14:32

Tgt Ion:180 Resp: 53058
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.6
145 33.4 0.0 66.8

