

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036524.D
 Acq On : 13 Jul 2023 14:09
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/14/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 14 02:25:59 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	32266	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	171788	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	156356	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	76152	28.436	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.800%
60) 4-Bromofluorobenzene	11.079	95	75219	29.658	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.867%
63) Toluene-d8	8.647	98	218864	30.419	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	7042	3.906	ug/l	94
3) Chloromethane	1.301	50	11264	4.567	ug/l	89
4) Vinyl Chloride	1.374	62	11249	4.423	ug/l	99
5) Bromomethane	1.605	94	13534	5.196	ug/l	93
6) Chloroethane	1.685	64	7186	4.151	ug/l	98
7) Trichlorofluoromethane	1.886	101	19050	4.617	ug/l	99
8) Diethyl Ether	2.136	74	7732	4.510	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	8688	4.651	ug/l	98
10) 1,1-Dichloroethene	2.319	96	8302	4.397	ug/l	91
11) Methyl Iodide	2.447	142	6225	2.893	ug/l	96
12) Methyl Acetate	2.703	43	19977	4.501	ug/l	98
13) Acrolein	2.239	56	7779	21.365	ug/l	97
14) Acrylonitrile	3.063	53	27737	22.295	ug/l	99
15) Acetone	2.386	58	8273	23.489	ug/l	80
16) Carbon Disulfide	2.514	76	18651	4.071	ug/l	95
17) Allyl chloride	2.666	41	15022	4.485	ug/l	99
18) Methylene Chloride	2.788	84	10737	4.723	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	9081	4.400	ug/l	96
20) Diisopropyl ether	3.757	45	30203	4.424	ug/l #	80
21) 1,1-Dichloroethane	3.611	63	17773	4.465	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	10941	4.405	ug/l	97
23) tert-Butyl Alcohol	2.971	59	13175	22.904	ug/l #	1
24) Methyl tert-Butyl Ether	3.117	73	30476	4.438	ug/l	97
25) Chloroform	5.087	83	18495	4.495	ug/l	89
26) Cyclohexane	5.465	56	13797	4.519	ug/l #	47
29) 1,1-Dichloropropene	5.690	75	11827	4.565	ug/l	97
30) 2-Butanone	4.562	43	40306	24.711	ug/l #	97
31) 2,2-Dichloropropane	4.471	77	12746	4.487	ug/l #	86
32) 1,1,1-Trichloroethane	5.379	97	13739	4.463	ug/l #	81
33) Carbon Tetrachloride	5.678	117	11782m	4.487	ug/l	
34) Benzene	6.038	78	38956	4.879	ug/l #	94
35) Methacrylonitrile	4.922	41	8412m	4.971	ug/l	
36) 1,2-Dichloroethane	6.080	62	15800m	5.157	ug/l	
37) Trichloroethene	7.135	130	9883	4.703	ug/l	81
38) Methylcyclohexane	7.379	83	14206	4.714	ug/l	98
39) 1,2-Dichloropropane	7.428	63	10699	4.943	ug/l	92
40) Dibromomethane	7.586	93	7986	5.094	ug/l	93
41) Bromodichloromethane	7.818	83	13002	4.570	ug/l	95
42) Vinyl Acetate	3.721	43	116312	23.608	ug/l	99

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Manual Integrations
 APPROVED

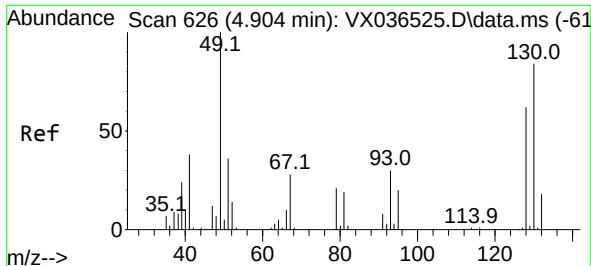
Reviewed By :John
 Carlone

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	4.715	43	16145	5.085	ug/l	#	86
44) Isopropyl Acetate	6.342	43	23798	4.700	ug/l		98
45) 1,4-Dioxane	7.678	88	5517	96.148	ug/l	#	1
46) Methyl methacrylate	7.696	41	11382	4.703	ug/l		83
47) n-amyl Acetate	10.842	43	18822	4.383	ug/l		97
48) t-1,3-Dichloropropene	8.982	75	13701	4.390	ug/l		93
49) cis-1,3-Dichloropropene	8.366	75	14870	4.411	ug/l		96
50) 1,1,2-Trichloroethane	9.153	97	10645	5.002	ug/l		93
51) Ethyl methacrylate	9.116	69	14651	4.385	ug/l		97
52) 1,3-Dichloropropane	9.311	76	17730	4.936	ug/l		98
53) Dibromochloromethane	9.519	129	9464	4.406	ug/l		96
54) 1,2-Dibromoethane	9.610	107	10512	4.702	ug/l		95
55) 2-Chloroethyl vinyl ether	8.245	63	41465	23.074	ug/l		99
56) Bromoform	10.799	173	5976	3.999	ug/l		96
58) 4-Methyl-2-Pentanone	8.574	43	78015	24.129	ug/l		99
59) 2-Hexanone	9.433	43	57915	23.545	ug/l		99
61) Tetrachloroethene	9.275	164	9415	5.027	ug/l		98
62) Toluene	8.720	91	42622	4.858	ug/l		99
64) Chlorobenzene	10.080	112	26317	4.819	ug/l		97
65) 1,1,1,2-Tetrachloroethane	10.165	131	8753	4.438	ug/l		98
66) Ethyl Benzene	10.195	91	44577	4.675	ug/l		99
67) m/p-Xylenes	10.305	106	34774	9.355	ug/l		98
68) o-Xylene	10.640	106	17194	4.661	ug/l		98
69) Styrene	10.659	104	26511	4.432	ug/l		98
70) Isopropylbenzene	10.964	105	42195	4.592	ug/l		98
71) 1,1,2,2-Tetrachloroethane	11.213	83	16567	4.940	ug/l		96
72) 1,2,3-Trichloropropane	11.238	75	14774m	4.776	ug/l		
73) Bromobenzene	11.201	156	10649	4.689	ug/l		96
74) n-propylbenzene	11.305	91	48941	4.526	ug/l		98
75) 2-Chlorotoluene	11.366	91	30720	4.671	ug/l		97
76) 1,3,5-Trimethylbenzene	11.451	105	35633	4.513	ug/l		99
77) t-1,4-Dichloro-2-butene	11.018	75	3706	3.632	ug/l		90
78) 4-Chlorotoluene	11.451	91	33862	4.522	ug/l		96
79) tert-butylbenzene	11.713	119	34107	4.551	ug/l		98
80) 1,2,4-Trimethylbenzene	11.750	105	35796	4.576	ug/l		100
81) sec-Butylbenzene	11.890	105	42004	4.453	ug/l		97
82) p-Isopropyltoluene	12.006	119	34423	4.387	ug/l		99
83) 1,3-Dichlorobenzene	11.969	146	19590	4.637	ug/l		99
84) 1,4-Dichlorobenzene	12.043	146	19547	4.643	ug/l		99
85) n-Butylbenzene	12.335	91	29644	4.150	ug/l		98
86) Hexachloroethane	12.536	117	4936	3.799	ug/l		93
87) 1,2-Dichlorobenzene	12.335	146	19638	4.634	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	2964	3.931	ug/l		92
89) 1,2,4-Trichlorobenzene	13.591	180	11787	4.411	ug/l		98
90) Hexachlorobutadiene	13.725	225	4172	4.298	ug/l		100
91) Naphthalene	13.774	128	39853	4.250	ug/l		98
92) 1,2,3-Trichlorobenzene	13.963	180	12518	4.641	ug/l		96

(#) = 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: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:128 Resp: 3226
Ion Ratio Lower Upper
128 100
49 160.4 0.0 406.3
130 124.9 0.0 328.0

Manual Integrations

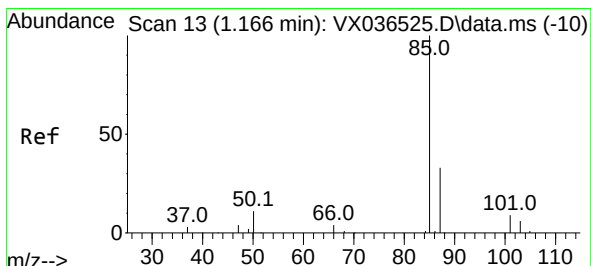
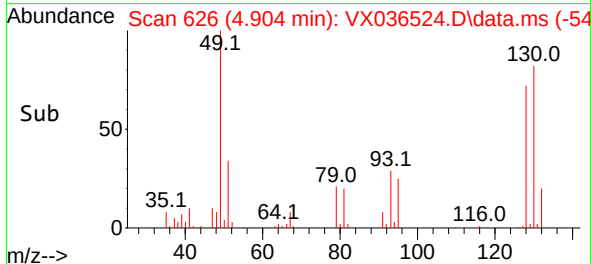
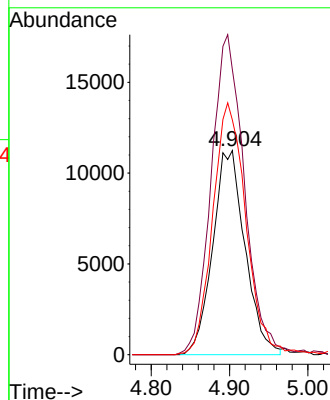
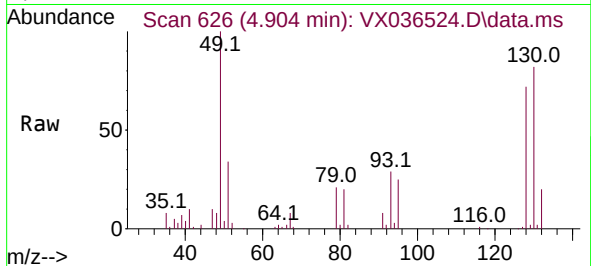
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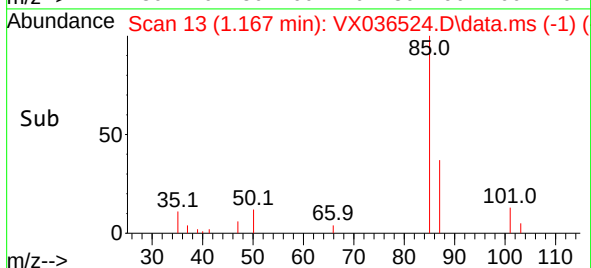
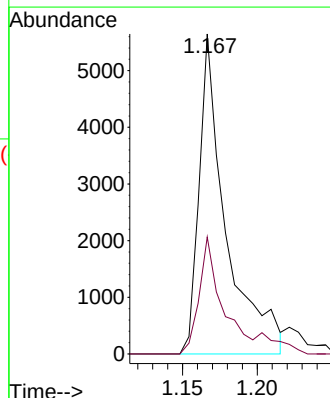
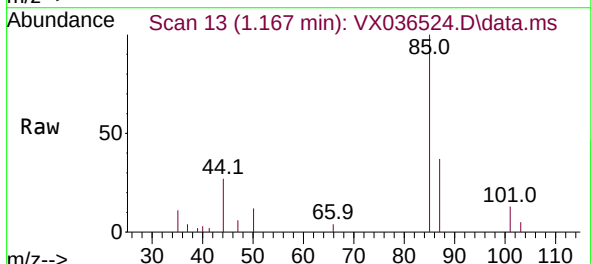
Supervised By :Semsettin
Yesilyurt

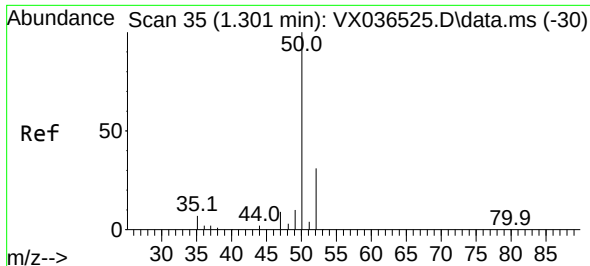
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#2
Dichlorodifluoromethane
Concen: 3.906 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

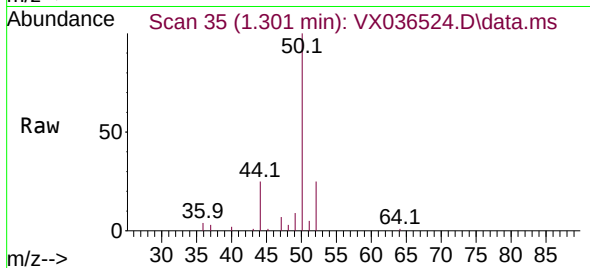
Tgt Ion: 85 Resp: 7042
Ion Ratio Lower Upper
85 100
87 36.5 16.4 49.4





#3
Chloromethane
Concen: 4.567 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



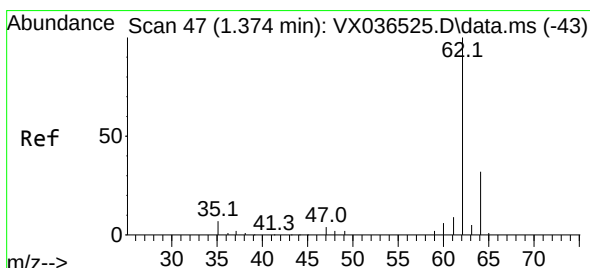
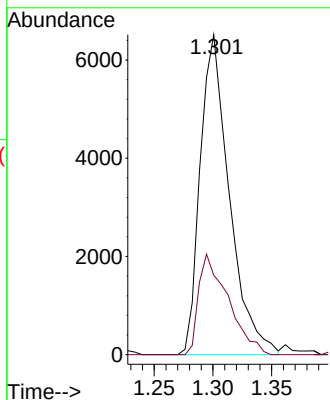
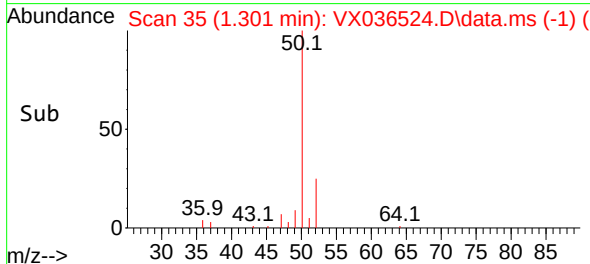
Tgt Ion: 50 Resp: 11264
Ion Ratio Lower Upper
50 100
52 24.8 24.5 36.7

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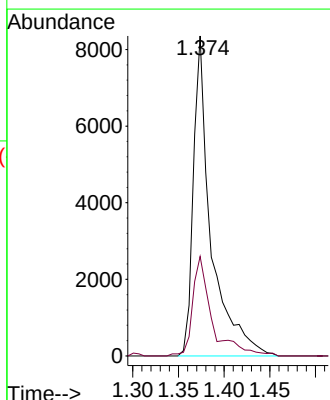
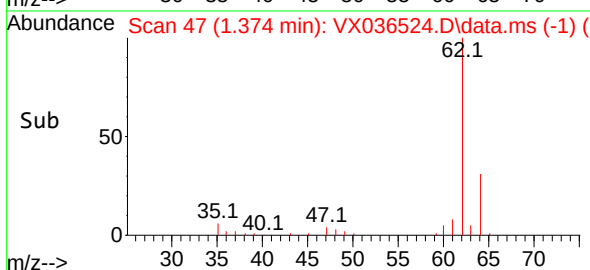
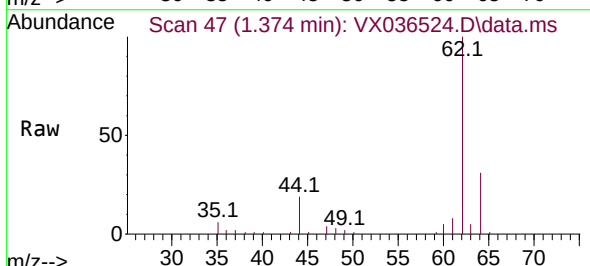
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Supervised By :Semsettin
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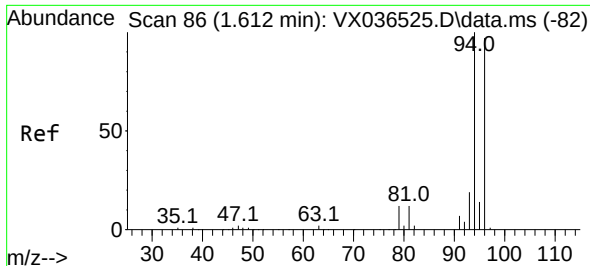
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#4
Vinyl Chloride
Concen: 4.423 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 62 Resp: 11249
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9





#5
Bromomethane
Concen: 5.196 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

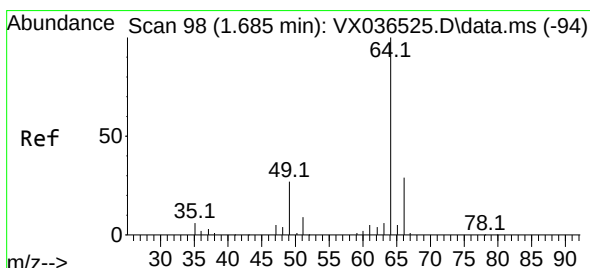
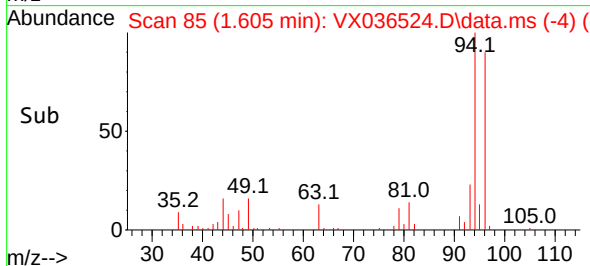
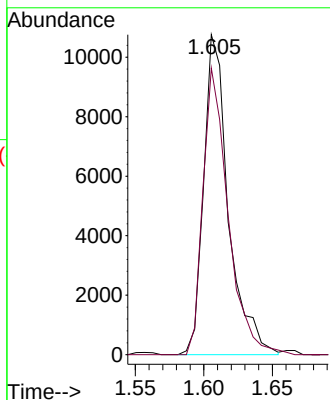
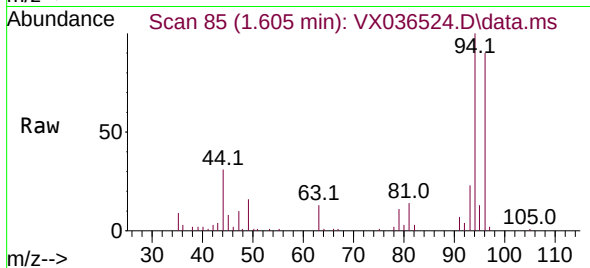
Tgt Ion: 94 Resp: 13534
Ion Ratio Lower Upper
94 100
96 89.5 77.4 116.2

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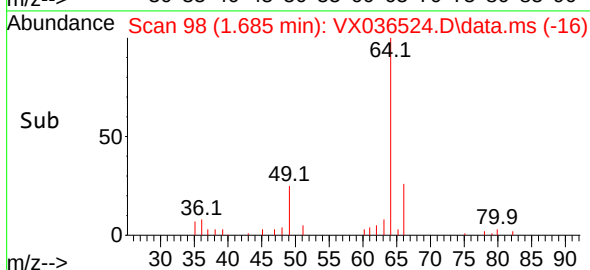
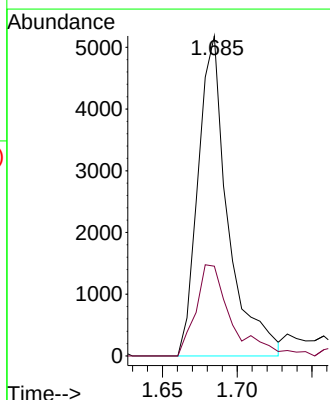
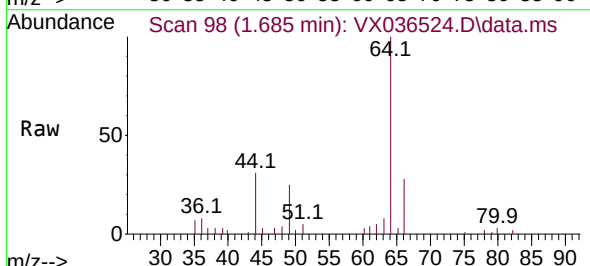
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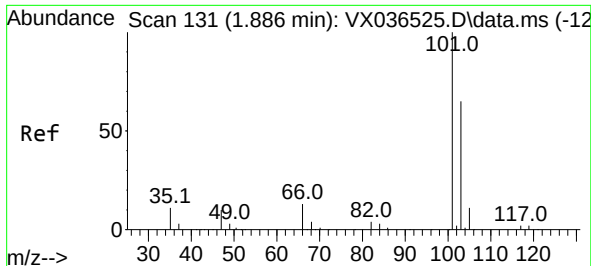
07/14/2023



#6
Chloroethane
Concen: 4.151 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 64 Resp: 7186
Ion Ratio Lower Upper
64 100
66 28.1 23.1 34.7





#7
Trichlorofluoromethane
Concen: 4.617 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
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ClientSampleId :
VSTDICC005

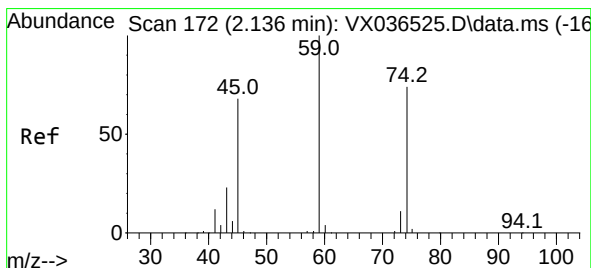
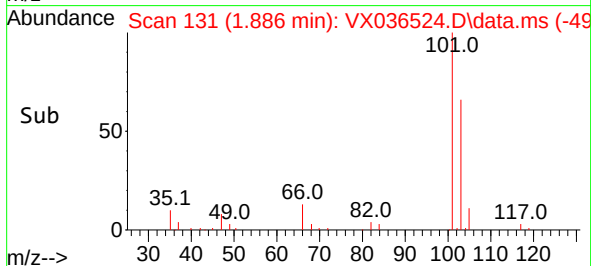
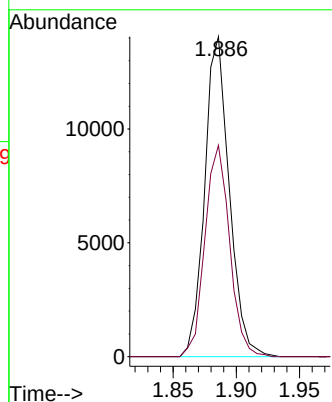
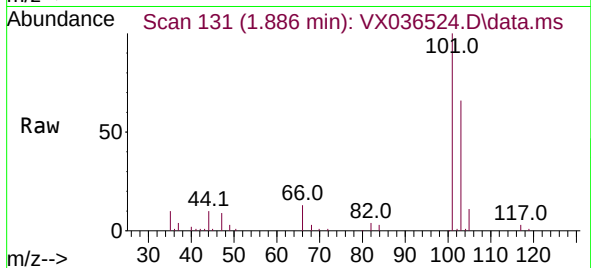
Tgt Ion:101 Resp: 19050
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.2

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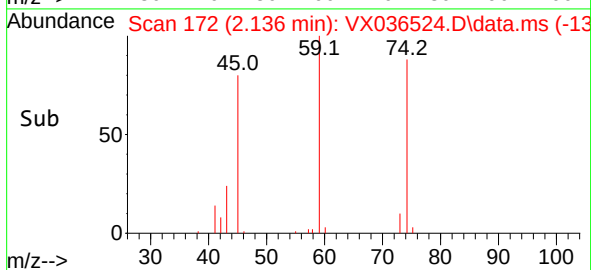
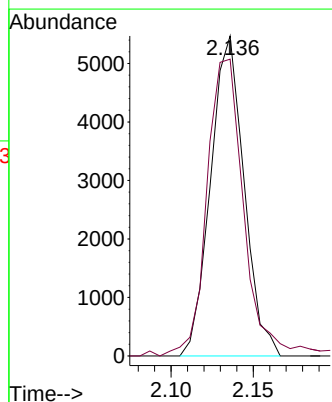
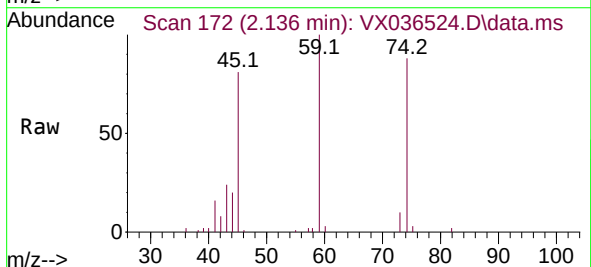
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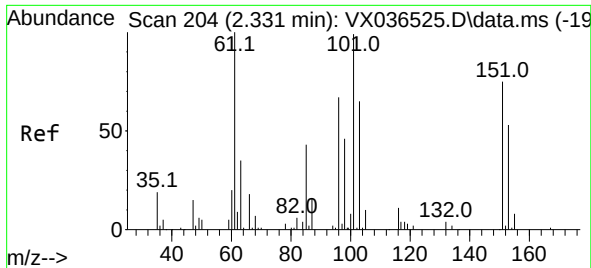
07/14/2023



#8
Diethyl Ether
Concen: 4.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 74 Resp: 7732
Ion Ratio Lower Upper
74 100
45 100.5 19.9 178.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.651 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

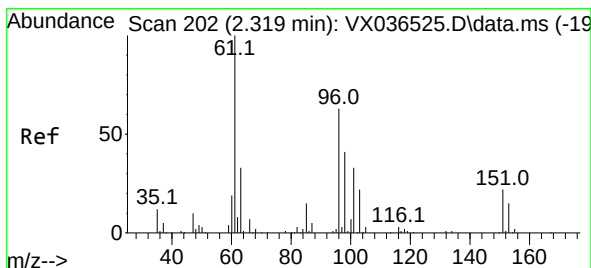
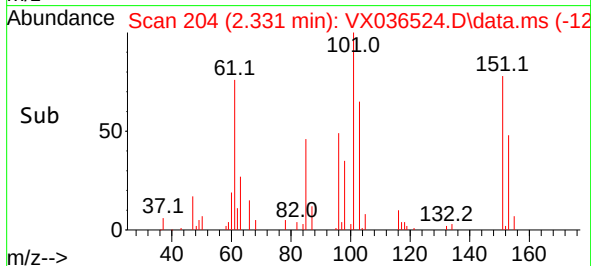
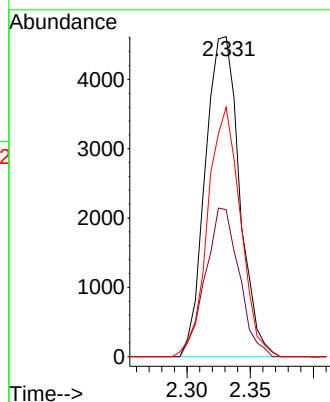
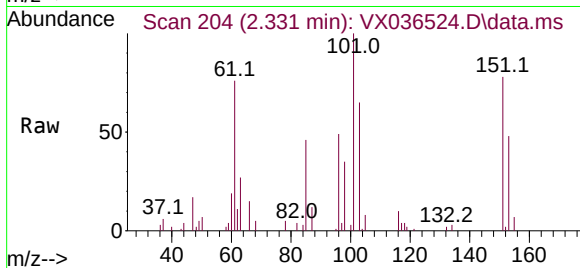
Tgt Ion:101 Resp: 868
Ion Ratio Lower Upper
101 100
85 45.6 0.0 91.0
151 74.5 0.0 155.4

Manual Integrations
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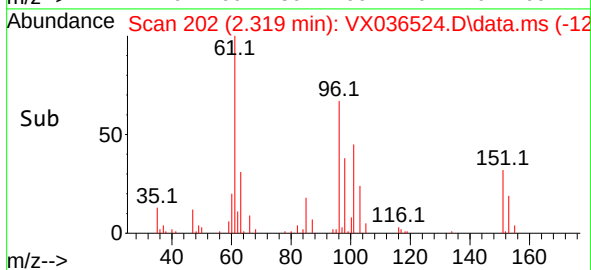
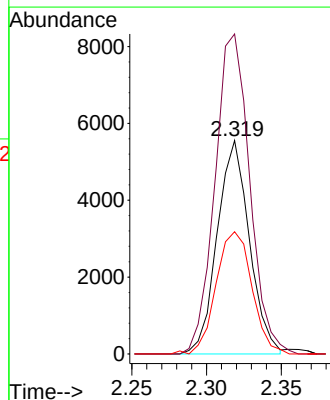
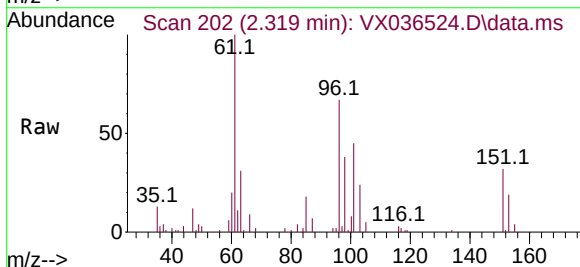
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Supervised By :Semsettin
Yesilyurt

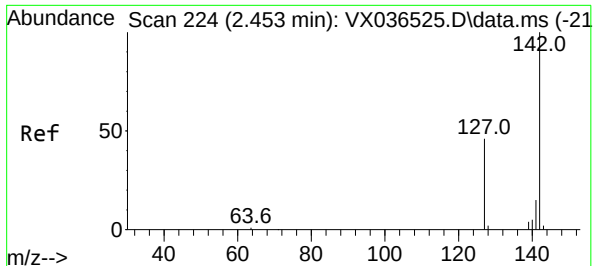
07/14/2023



#10
1,1-Dichloroethene
Concen: 4.397 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

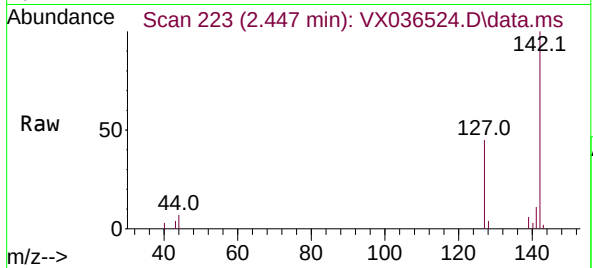
Tgt Ion: 96 Resp: 8302
Ion Ratio Lower Upper
96 100
61 149.9 127.2 190.8
98 55.9 52.7 79.1





#11
Methyl Iodide
Concen: 2.893 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



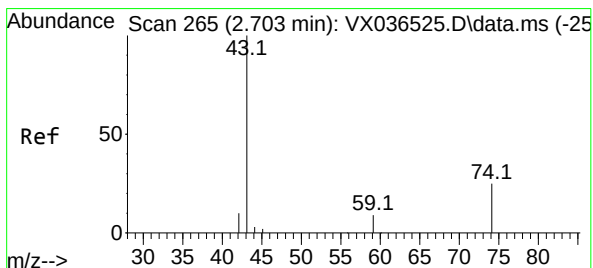
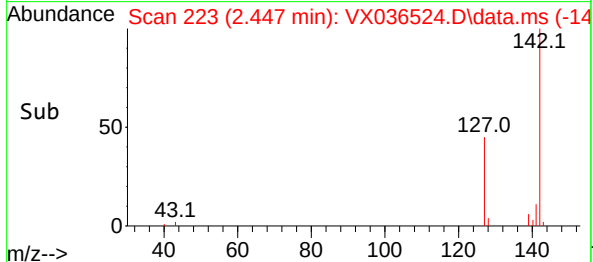
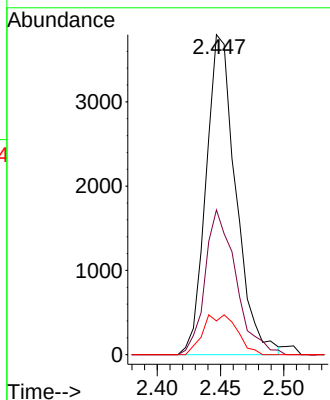
Tgt Ion:142 Resp: 6225
Ion Ratio Lower Upper
142 100
127 45.1 22.9 68.8
141 10.7 7.5 22.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

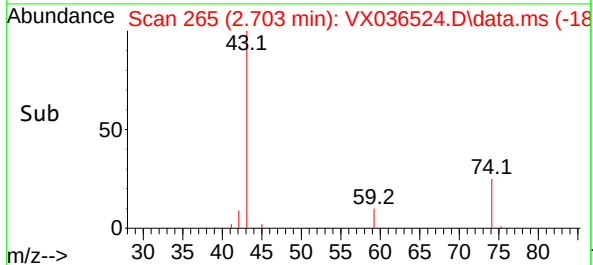
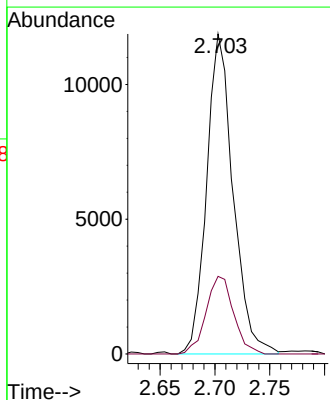
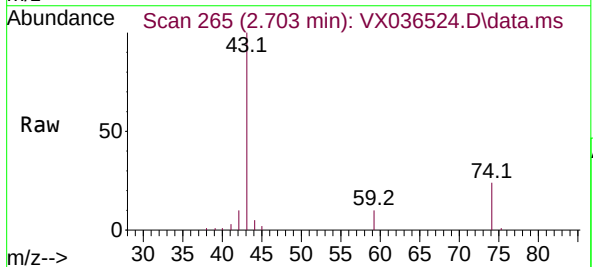
07/14/2023
Supervised By :Semsettin
Yesilyurt

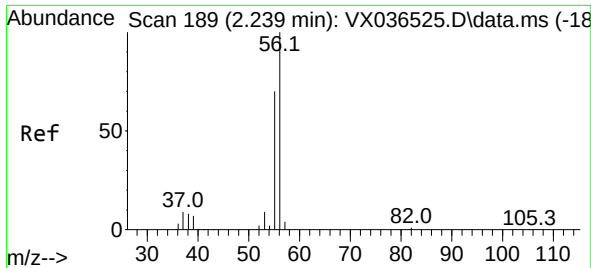
07/14/2023



#12
Methyl Acetate
Concen: 4.501 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

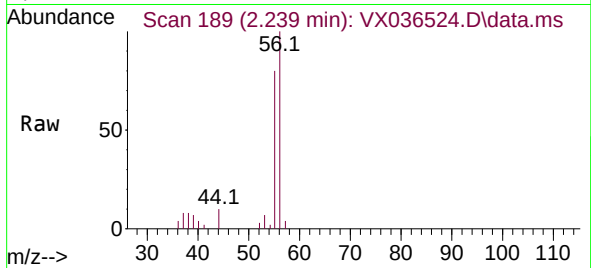
Tgt Ion: 43 Resp: 19977
Ion Ratio Lower Upper
43 100
74 24.3 20.3 30.5





#13
Acrolein
Concen: 21.365 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



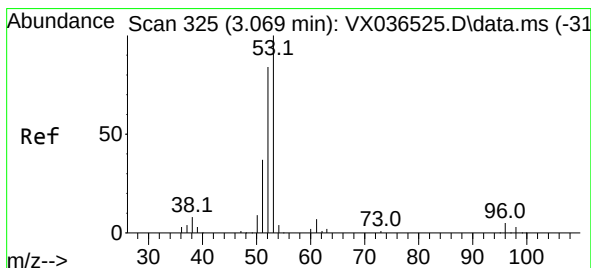
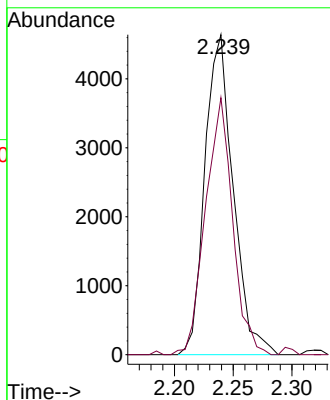
Tgt Ion: 56 Resp: 7779
Ion Ratio Lower Upper
56 100
55 77.0 59.7 89.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

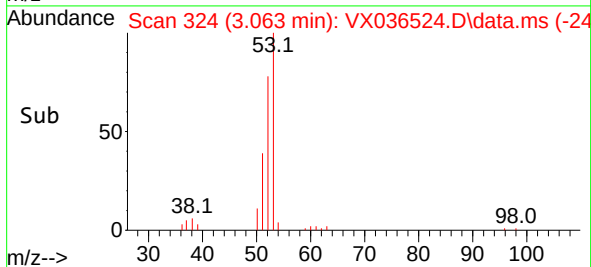
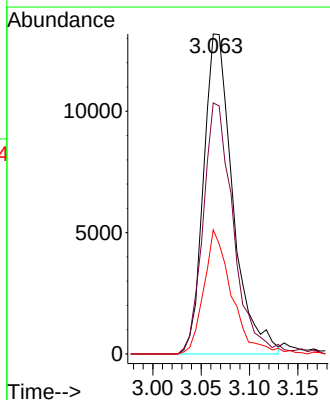
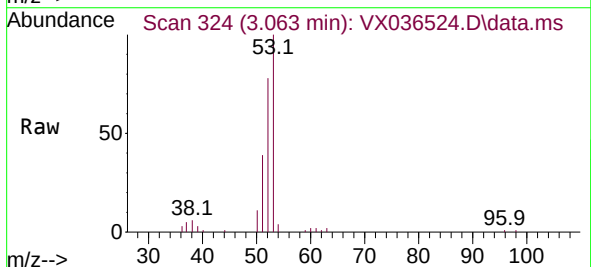
07/14/2023
Supervised By :Semsettin
Yesilyurt

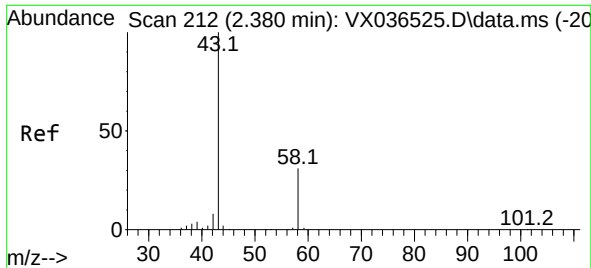
07/14/2023



#14
Acrylonitrile
Concen: 22.295 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 53 Resp: 27737
Ion Ratio Lower Upper
53 100
52 81.1 40.0 119.9
51 37.2 18.2 54.6





#15

Acetone

Concen: 23.489 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 827

Ion Ratio Lower Upper

58 100

43 284.8 261.0 391.4

Manual Integrations

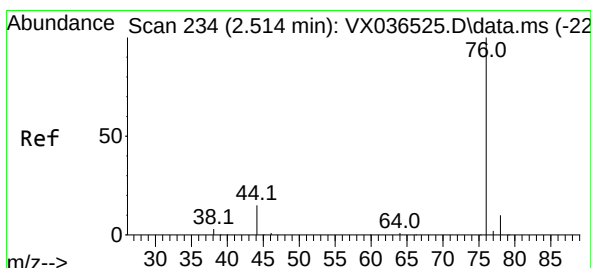
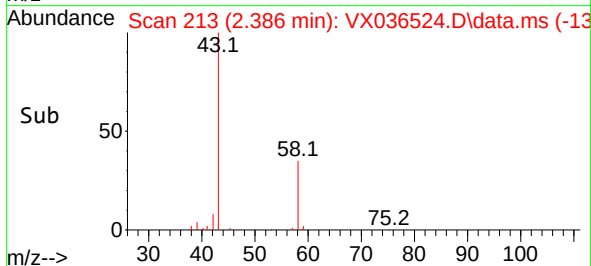
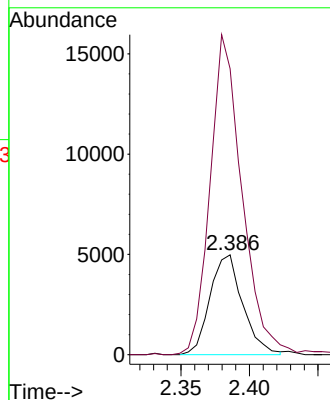
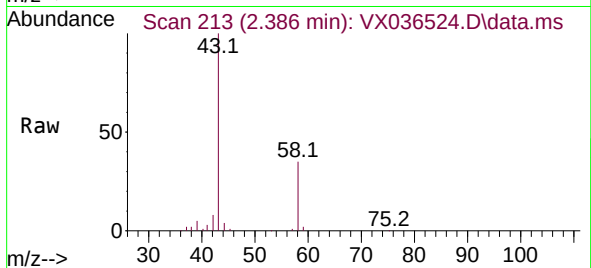
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#16

Carbon Disulfide

Concen: 4.071 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036524.D

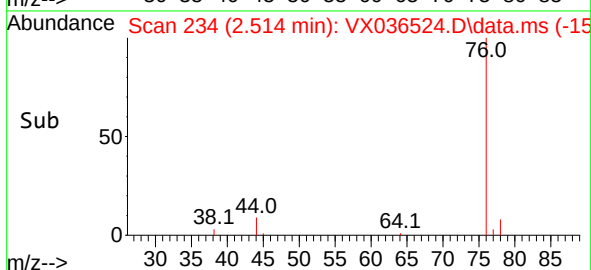
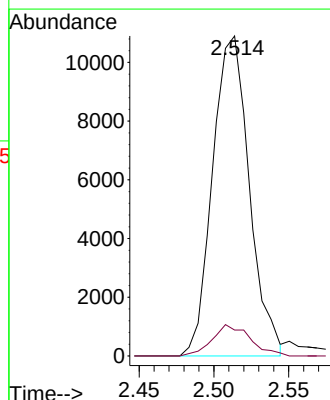
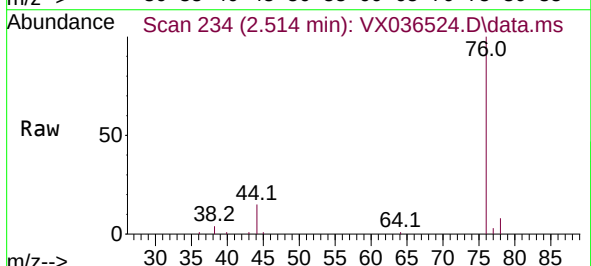
Acq: 13 Jul 2023 14:09

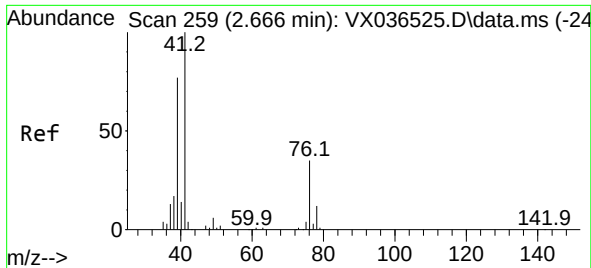
Tgt Ion: 76 Resp: 18651

Ion Ratio Lower Upper

76 100

78 8.1 8.0 12.0





#17
 Allyl chloride
 Concen: 4.485 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036524.D
 Acq: 13 Jul 2023 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

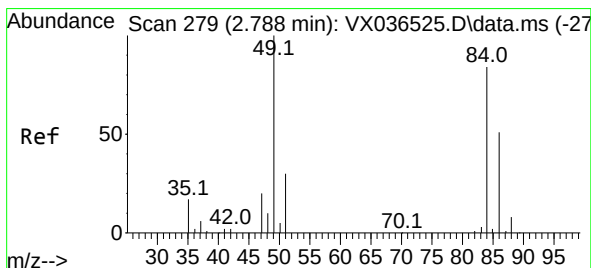
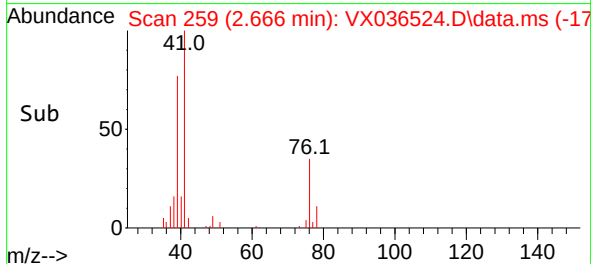
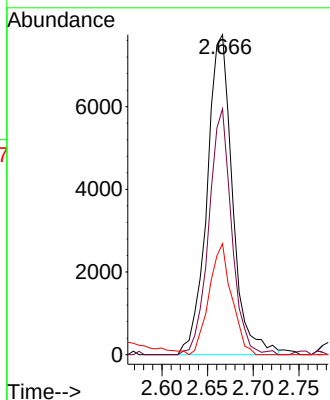
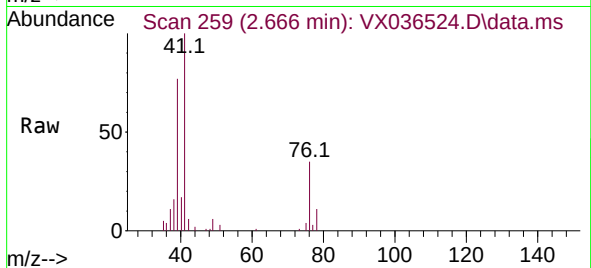
Tgt Ion: 41 Resp: 1502
 Ion Ratio Lower Upper
 41 100
 39 76.8 38.5 115.3
 76 34.7 18.6 55.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

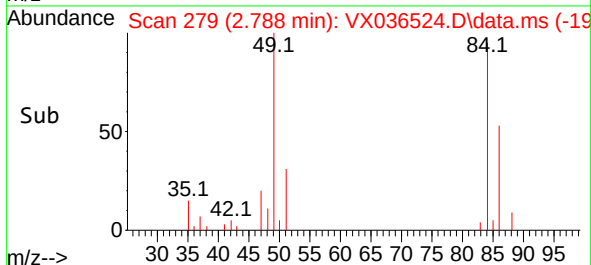
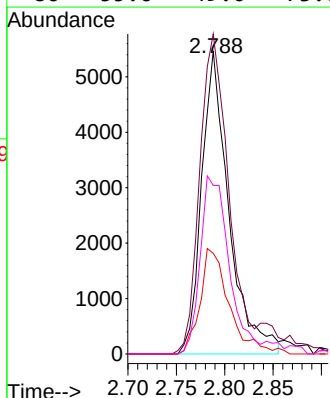
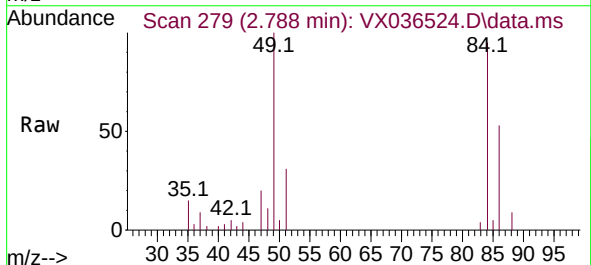
07/14/2023
 Supervised By :Semsettin
 Yesilyurt

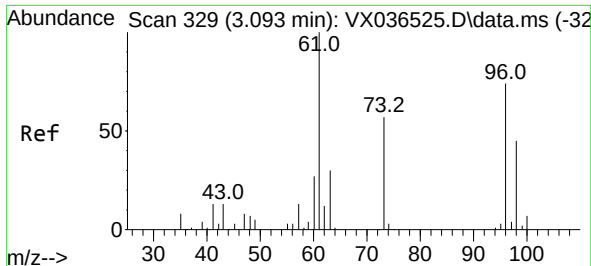
07/14/2023



#18
 Methylene Chloride
 Concen: 4.723 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX036524.D
 Acq: 13 Jul 2023 14:09

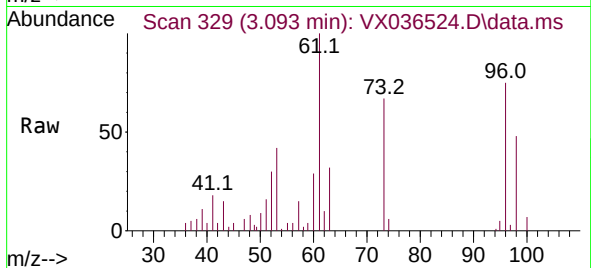
Tgt Ion: 84 Resp: 10737
 Ion Ratio Lower Upper
 84 100
 49 104.4 95.4 143.0
 51 33.2 28.3 42.5
 86 55.6 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 4.400 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



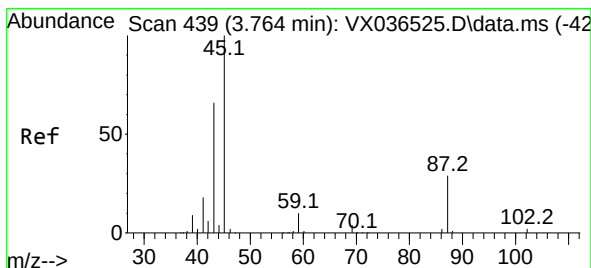
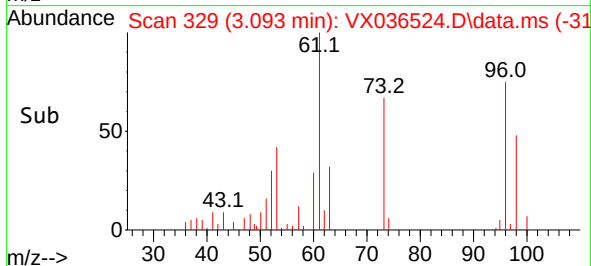
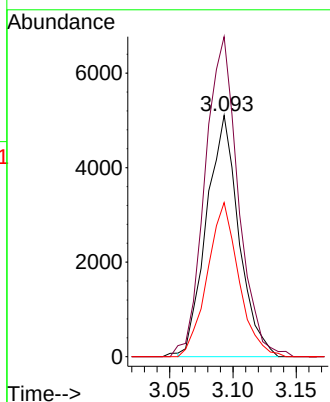
Tgt Ion: 96 Resp: 908
Ion Ratio Lower Upper
96 100
61 130.6 108.7 163.1
98 63.9 49.1 73.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

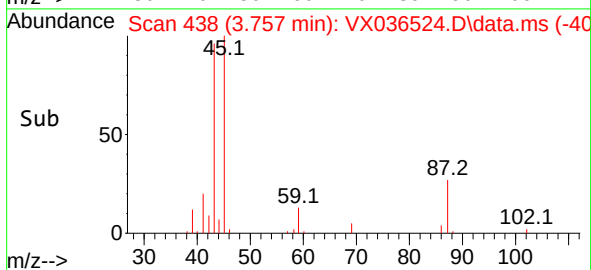
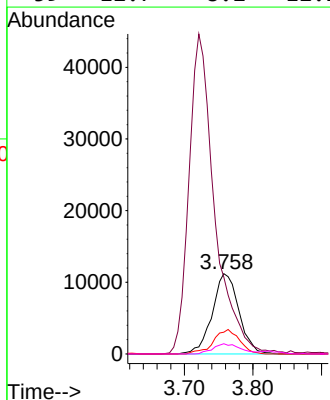
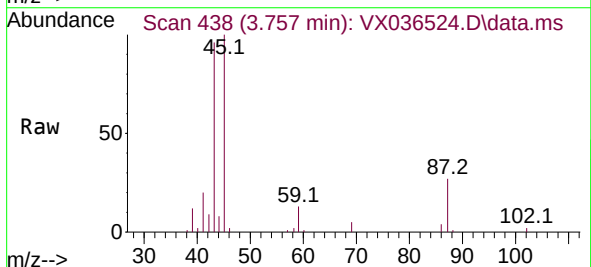
07/14/2023
Supervised By :Semsettin
Yesilyurt

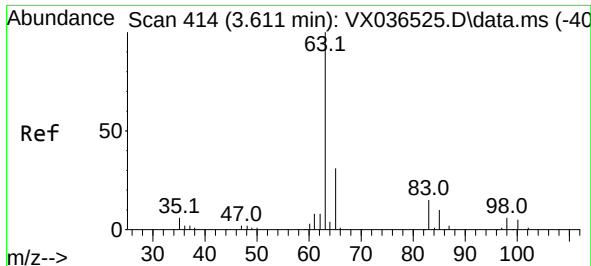
07/14/2023



#20
Diisopropyl ether
Concen: 4.424 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 45 Resp: 30203
Ion Ratio Lower Upper
45 100
43 93.4 55.8 83.6#
87 27.2 23.0 34.4
59 12.7 8.2 12.2#





#21

1,1-Dichloroethane

Concen: 4.465 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1777

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.2	9.6
100	3.1	2.3	6.8

Manual Integrations

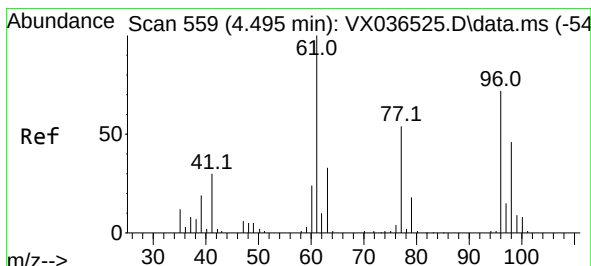
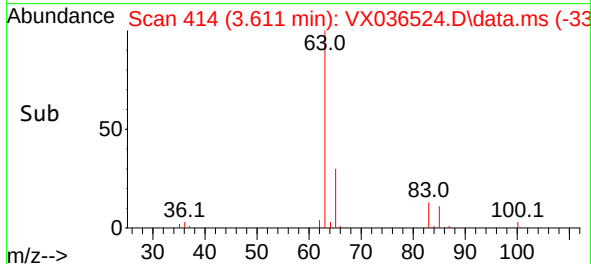
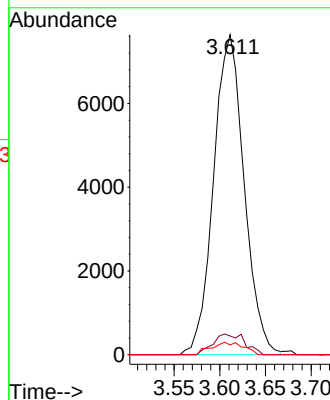
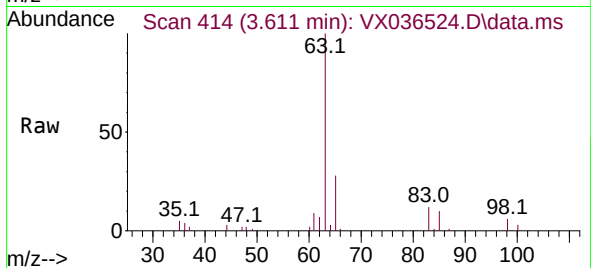
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#22

cis-1,2-Dichloroethene

Concen: 4.405 ug/l

RT: 4.495 min Scan# 559

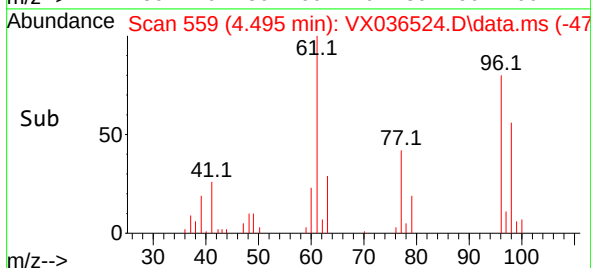
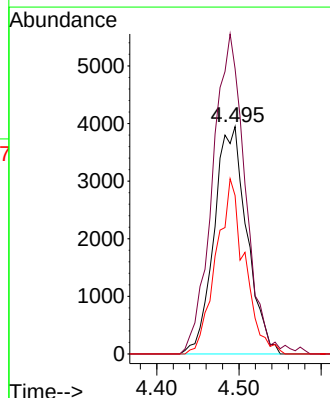
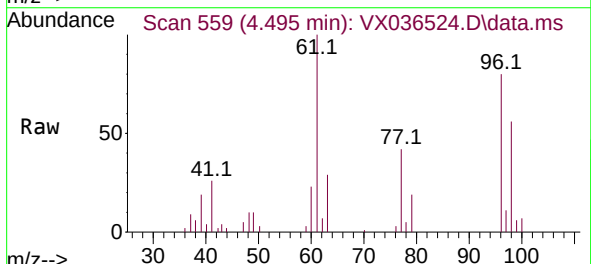
Delta R.T. 0.000 min

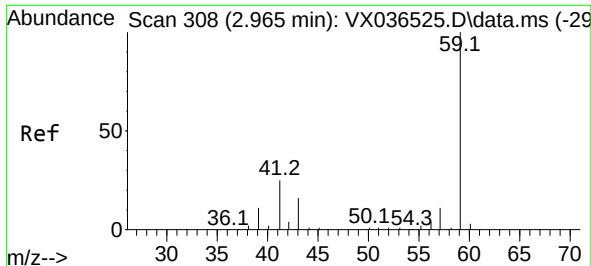
Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Tgt Ion: 96 Resp: 10941

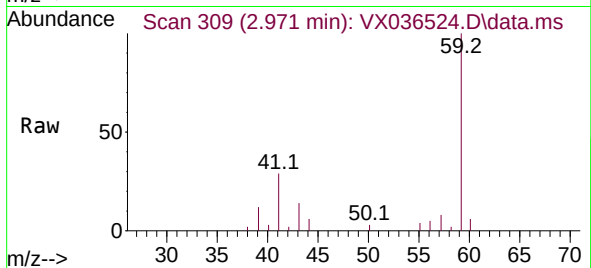
Ion	Ratio	Lower	Upper
96	100		
61	139.5	114.0	171.0
98	67.1	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 22.904 ug/l
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



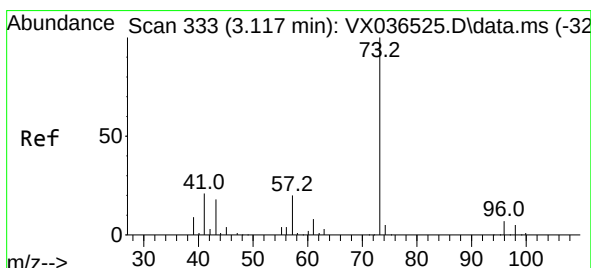
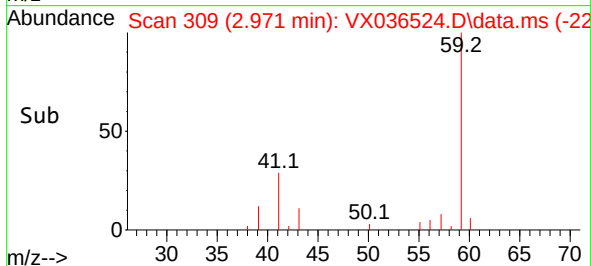
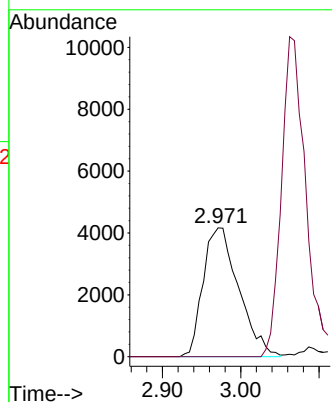
Tgt Ion: 59 Resp: 1317
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

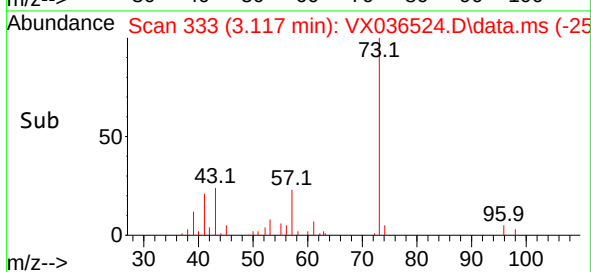
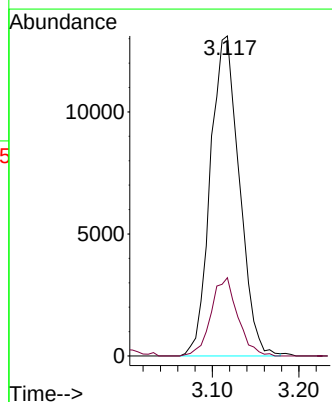
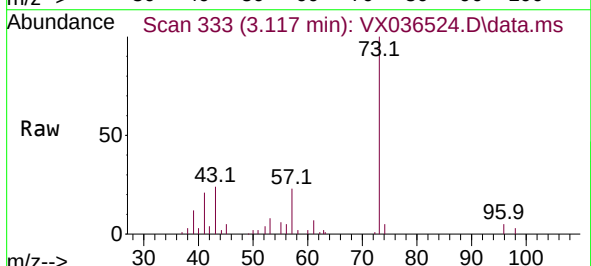
07/14/2023
Supervised By :Semsettin
Yesilyurt

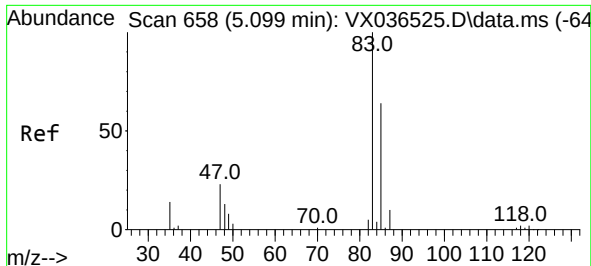
07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 4.438 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 73 Resp: 30476
Ion Ratio Lower Upper
73 100
43 22.6 16.8 25.2





#25

Chloroform

Concen: 4.495 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 1849

Ion Ratio Lower Upper

83 100

85 55.7 51.5 77.3

Manual Integrations

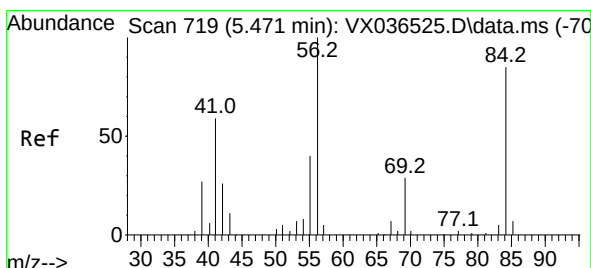
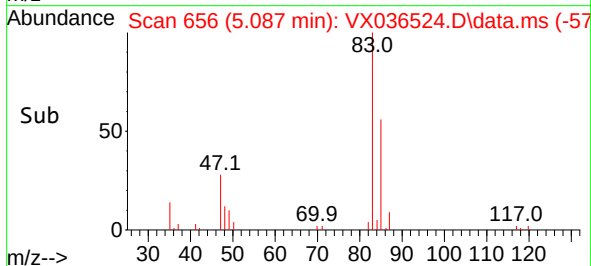
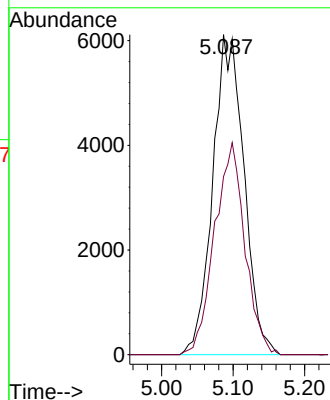
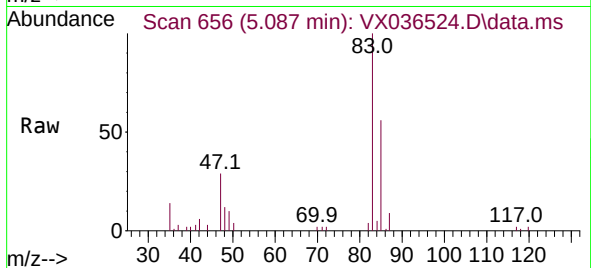
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#26

Cyclohexane

Concen: 4.519 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

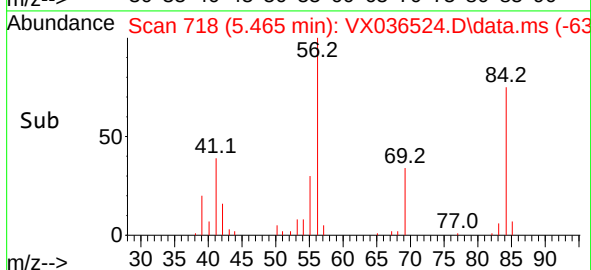
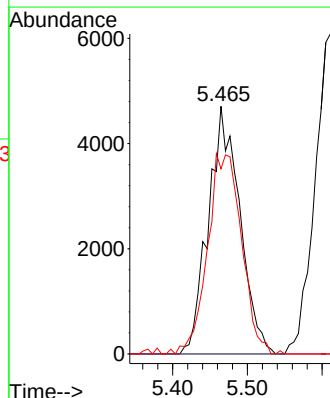
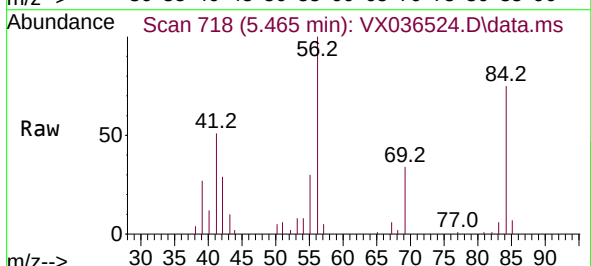
Tgt Ion: 56 Resp: 13797

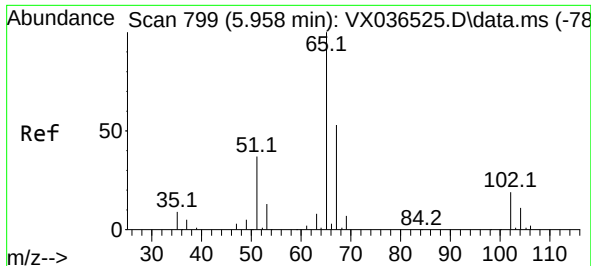
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 39.7 71.4 107.2#





#27

1,2-Dichloroethane-d4

Concen: 28.436 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 76152

Ion Ratio Lower Upper

65 100

67 52.7 42.1 63.1

Manual Integrations

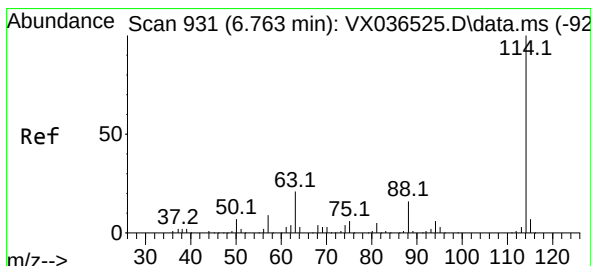
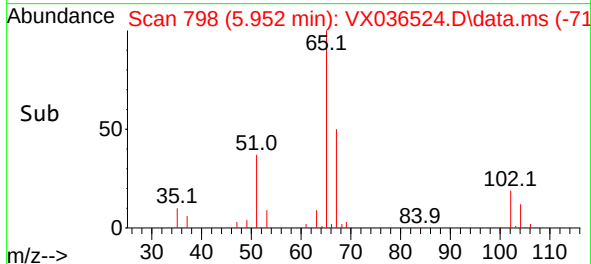
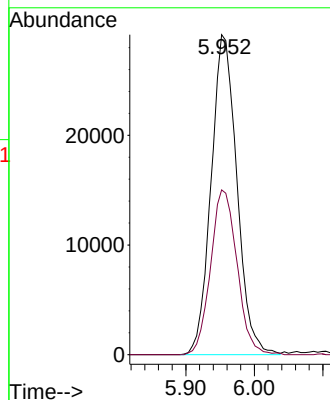
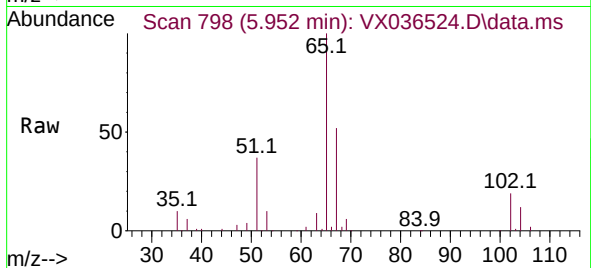
APPROVED

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: VX036524.D

Acq: 13 Jul 2023 14:09

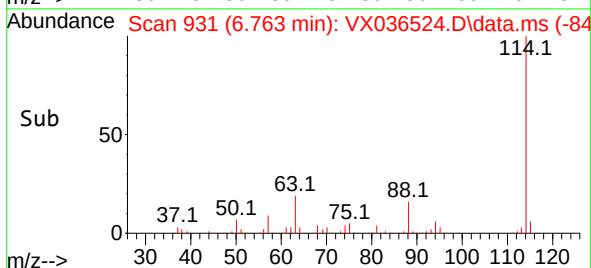
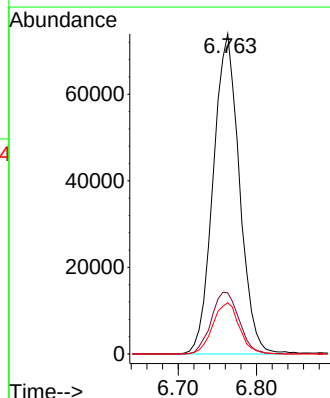
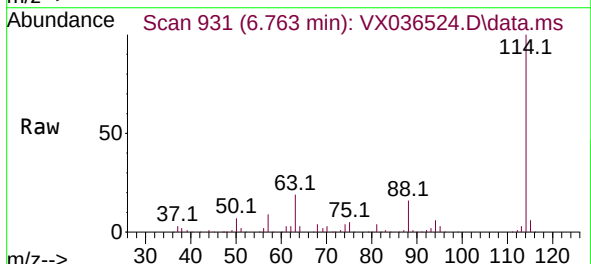
Tgt Ion:114 Resp: 171788

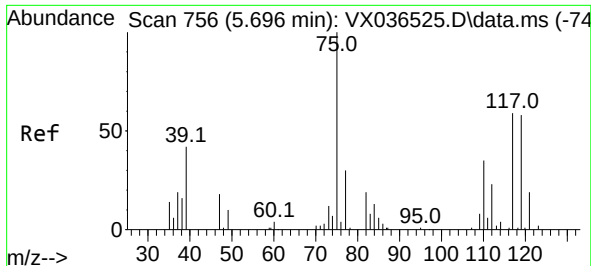
Ion Ratio Lower Upper

114 100

63 20.5 16.6 24.8

88 16.2 12.9 19.3





#29
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 75 Resp: 1182
Ion Ratio Lower Upper
75 100
110 38.8 0.0 70.4
77 31.6 0.0 62.8

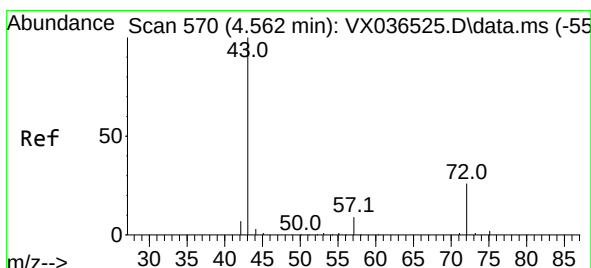
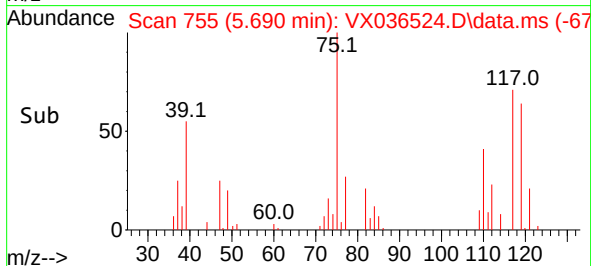
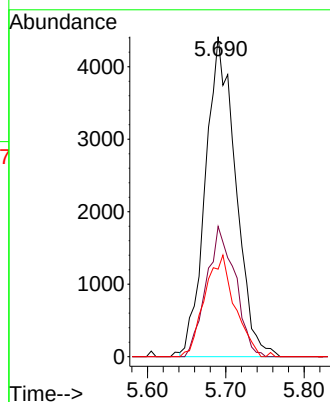
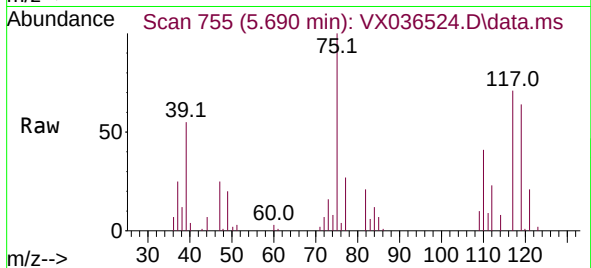
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/14/2023

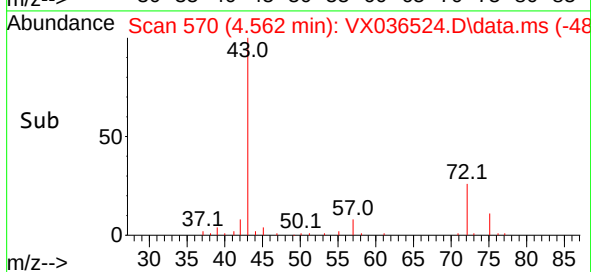
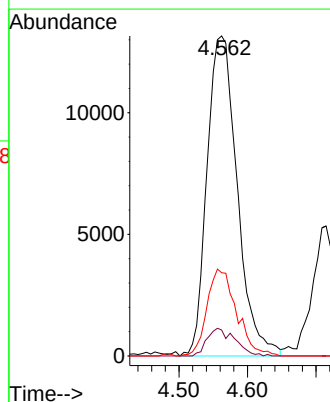
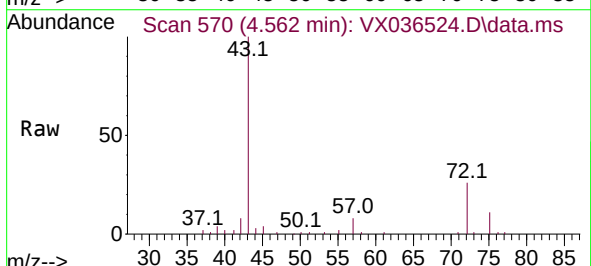
Supervised By :Semsettin
Yesilyurt

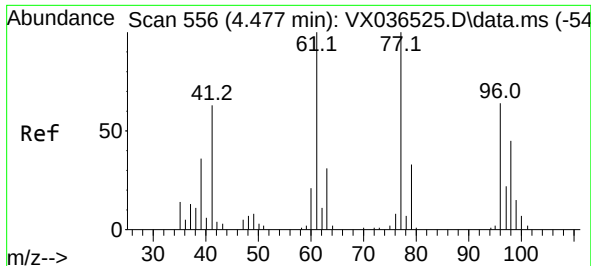
07/14/2023



#30
2-Butanone
Concen: 24.711 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

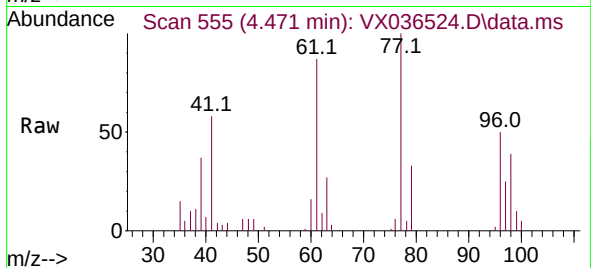
Tgt Ion: 43 Resp: 40306
Ion Ratio Lower Upper
43 100
57 5.1 6.4 9.6#
72 26.5 21.6 32.4





#31
2,2-Dichloropropane
Concen: 4.487 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



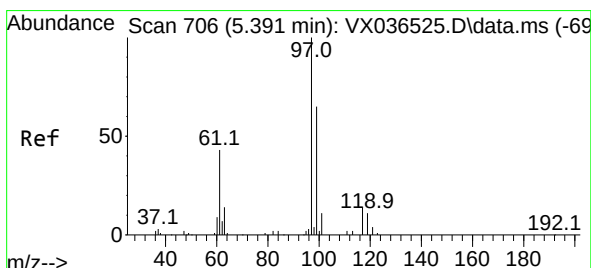
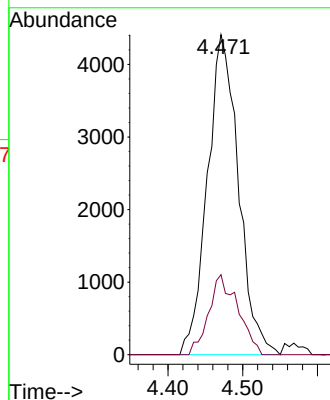
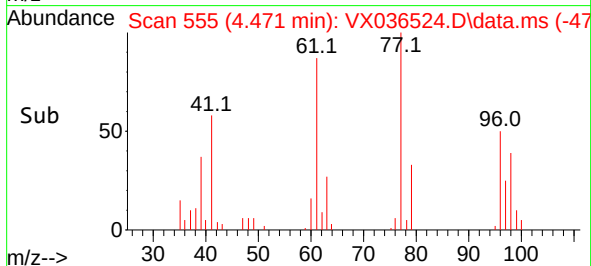
Tgt Ion: 77 Resp: 12740
Ion Ratio Lower Upper
77 100
97 16.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

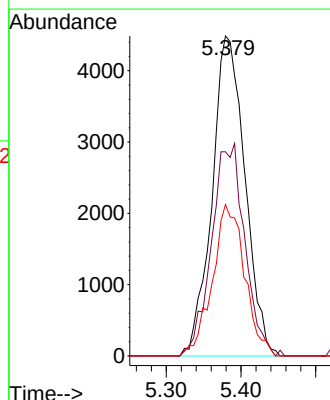
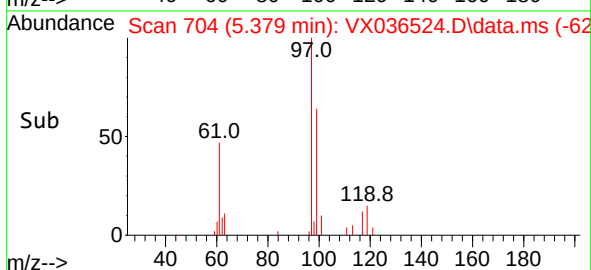
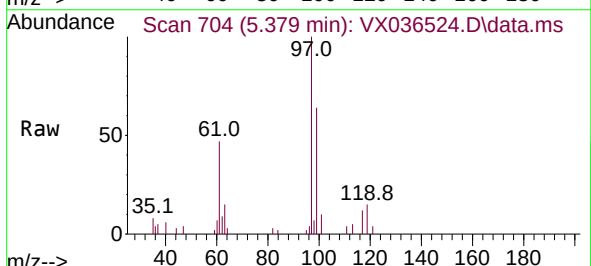
07/14/2023
Supervised By :Semsettin
Yesilyurt

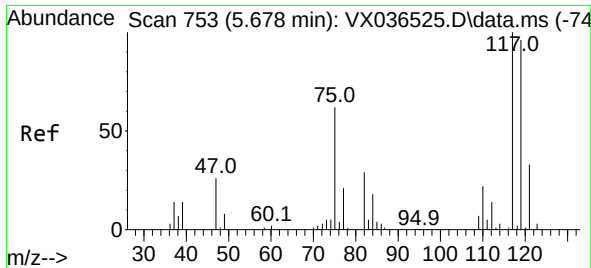
07/14/2023



#32
1,1,1-Trichloroethane
Concen: 4.463 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

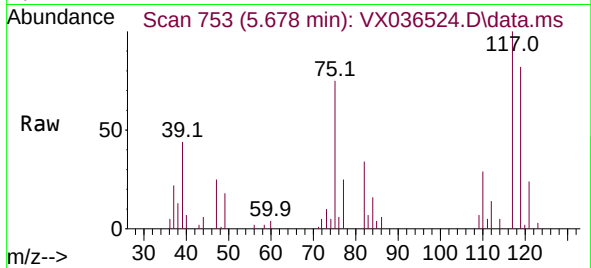
Tgt Ion: 97 Resp: 13739
Ion Ratio Lower Upper
97 100
99 40.2 51.5 77.3#
61 46.4 35.8 53.8





#33
Carbon Tetrachloride
Concen: 4.487 ug/l m
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



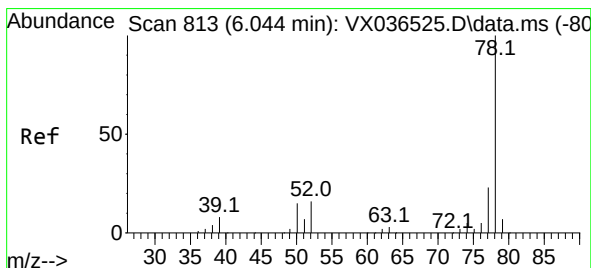
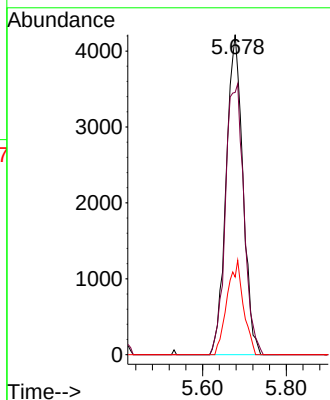
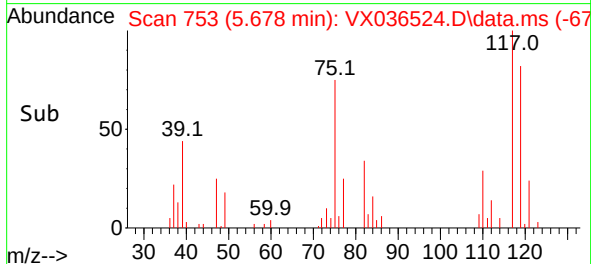
Tgt Ion: 117 Resp: 11782
Ion Ratio Lower Upper
117 100
119 81.9 76.6 115.0
121 24.2 26.5 39.7

Manual Integrations
APPROVED

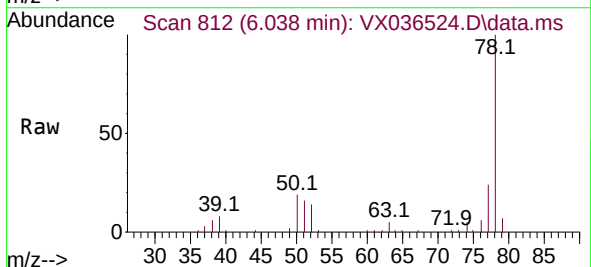
Reviewed By :John
Carlone

07/14/2023
Supervised By :Semsettin
Yesilyurt

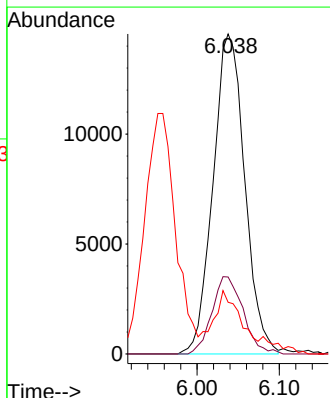
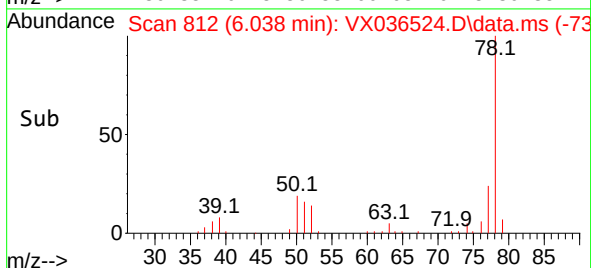
07/14/2023

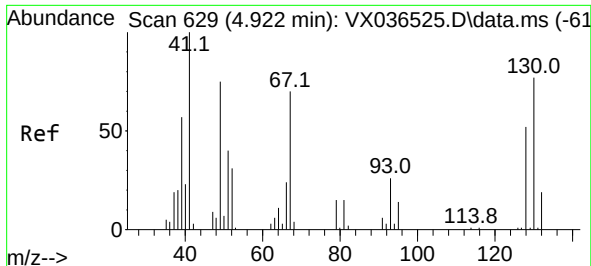


#34
Benzene
Concen: 4.879 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09



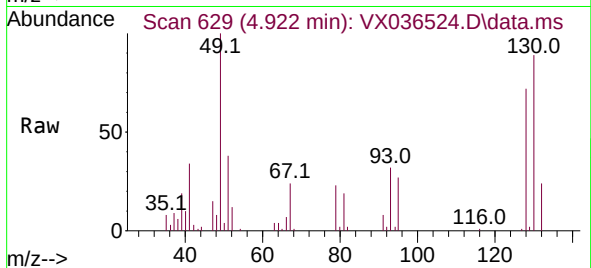
Tgt Ion: 78 Resp: 38956
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1
51 12.8 14.2 21.4





#35
Methacrylonitrile
Concen: 4.971 ug/l m
RT: 4.922 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



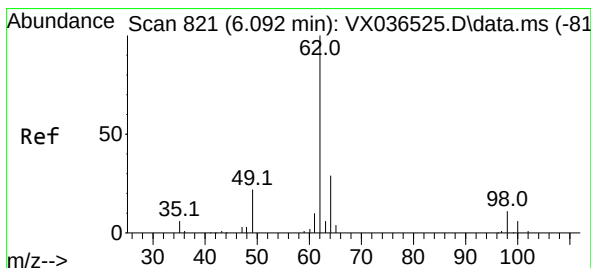
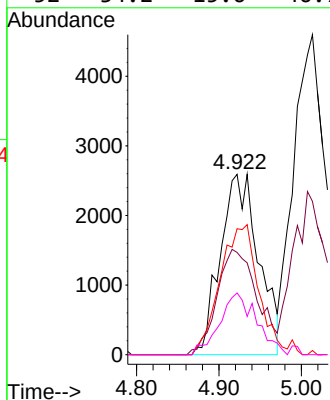
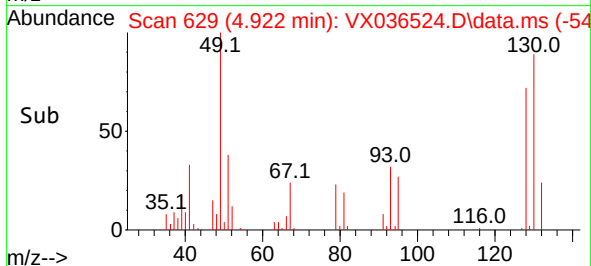
Tgt Ion: 41 Resp: 841
Ion Ratio Lower Upper
41 100
39 56.7 28.2 84.7
67 69.8 35.0 105.1
52 34.2 15.6 46.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

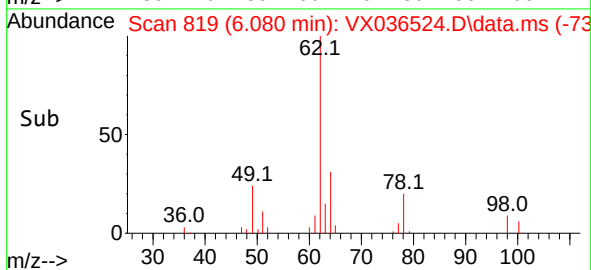
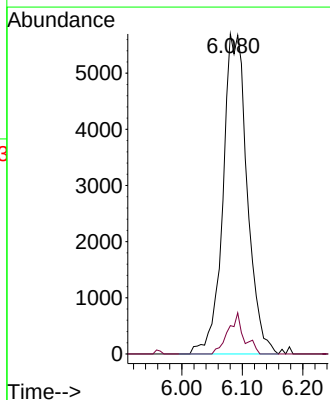
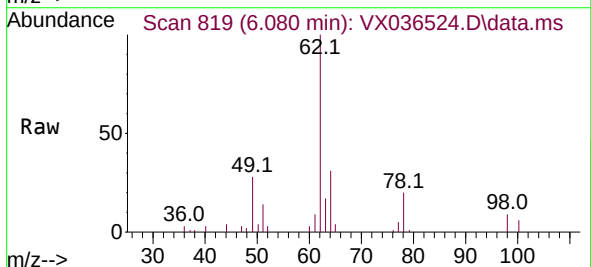
07/14/2023
Supervised By :Semsettin
Yesilyurt

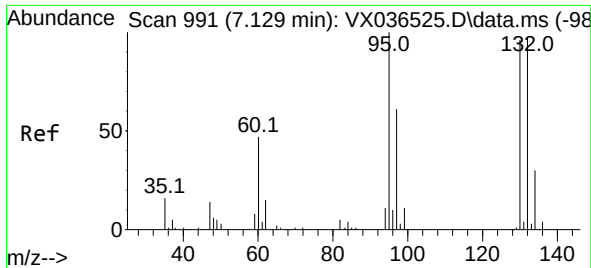
07/14/2023



#36
1,2-Dichloroethane
Concen: 5.157 ug/l m
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 62 Resp: 15800
Ion Ratio Lower Upper
62 100
98 7.1 7.0 10.6





#37
Trichloroethene
Concen: 4.703 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 988
Ion Ratio Lower Upper
130 100
95 84.2 83.2 124.8

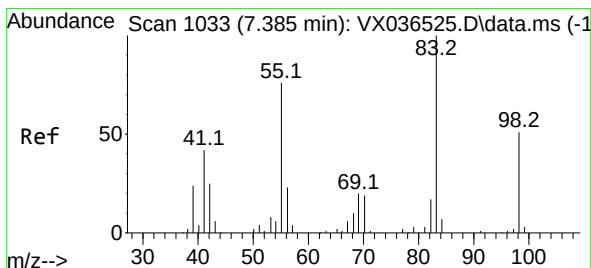
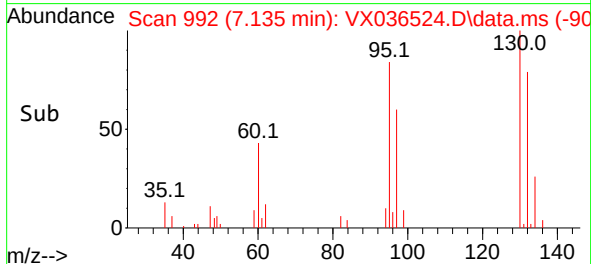
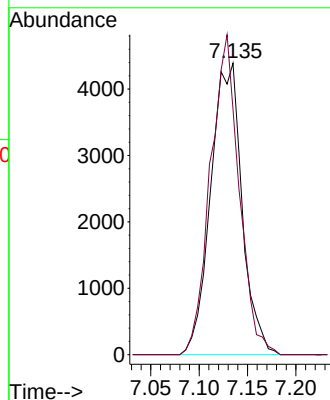
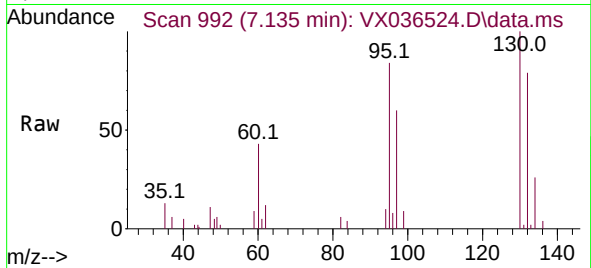
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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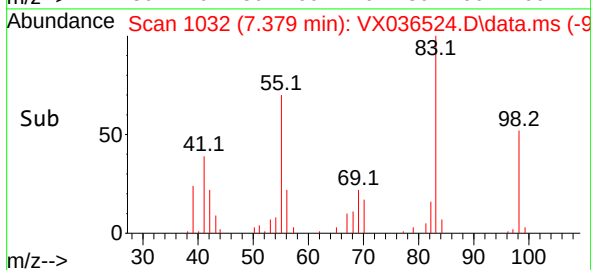
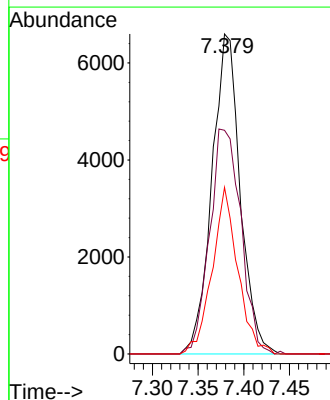
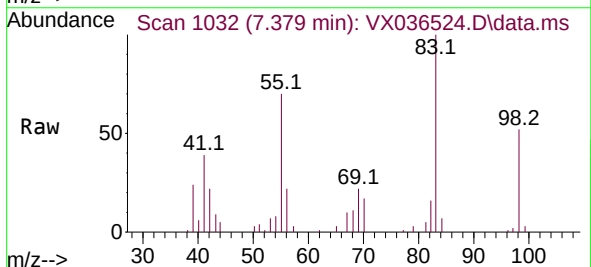
Supervised By :Semsettin
Yesilyurt

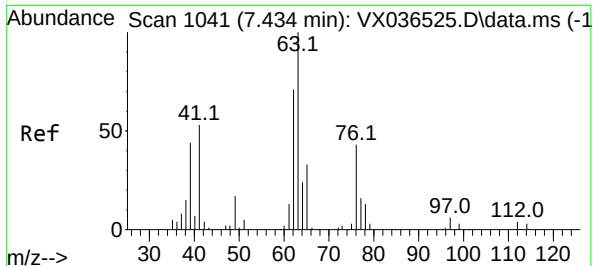
07/14/2023



#38
Methylcyclohexane
Concen: 4.714 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 83 Resp: 14206
Ion Ratio Lower Upper
83 100
55 77.4 38.1 114.5
98 46.4 24.4 73.4





#39

1,2-Dichloropropane

Concen: 4.943 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1069

Ion Ratio Lower Upper

63 100

65 28.6 26.4 39.6

Manual Integrations

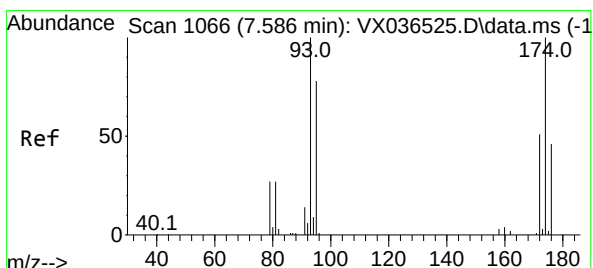
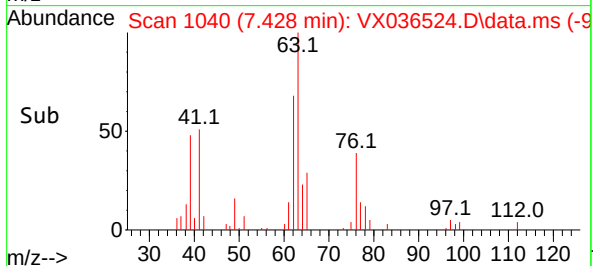
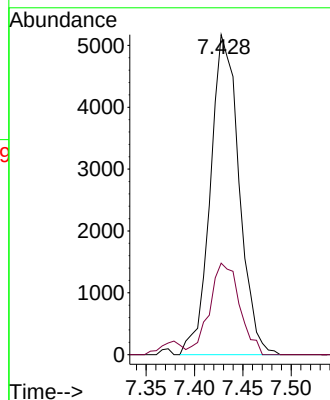
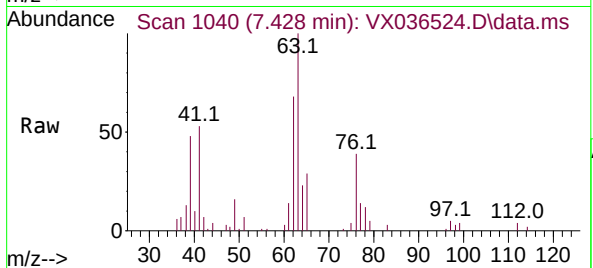
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#40

Dibromomethane

Concen: 5.094 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

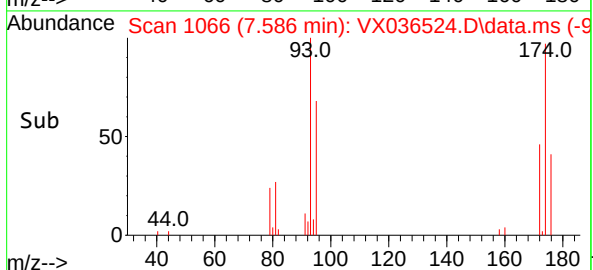
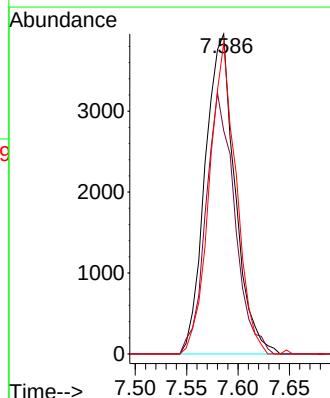
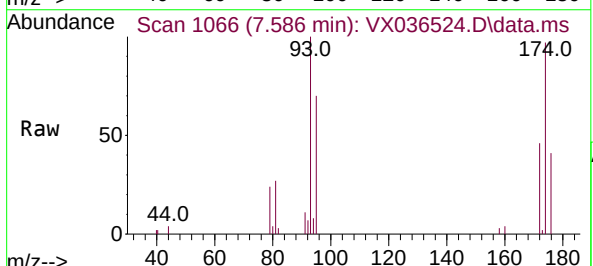
Tgt Ion: 93 Resp: 7986

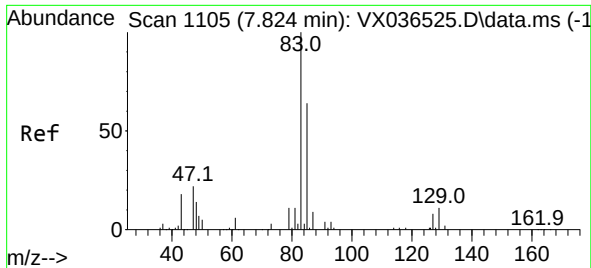
Ion Ratio Lower Upper

93 100

95 78.9 0.0 166.8

174 87.4 0.0 191.6





#41
Bromodichloromethane
Concen: 4.570 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

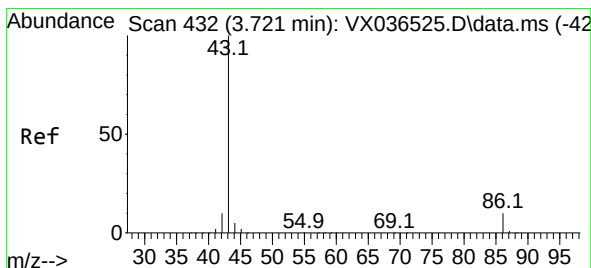
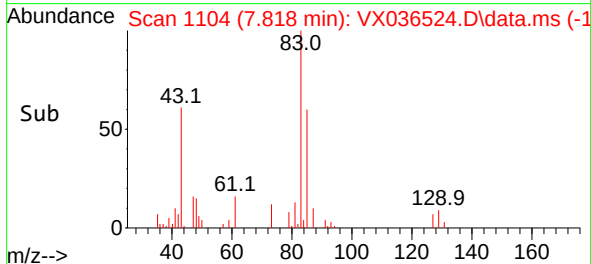
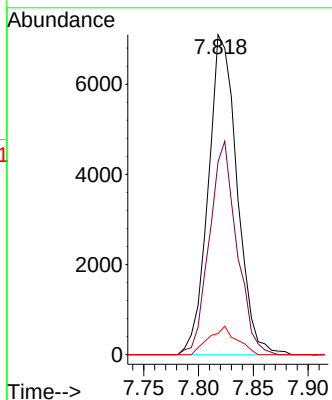
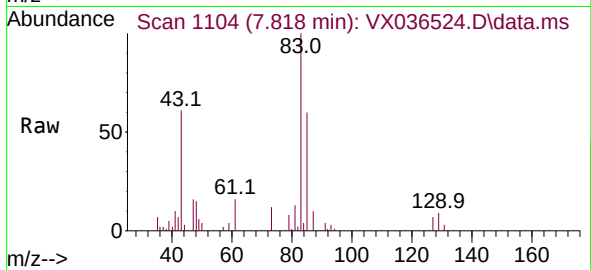
Tgt Ion: 83 Resp: 13002
Ion Ratio Lower Upper
83 100
85 60.3 51.5 77.3
127 6.6 6.4 9.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

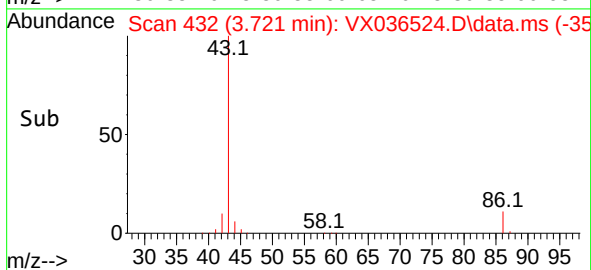
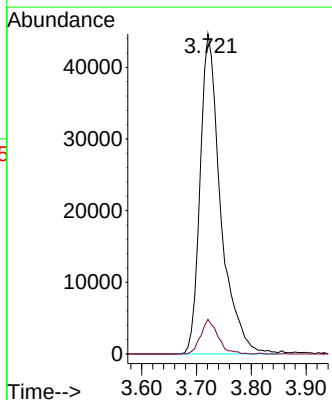
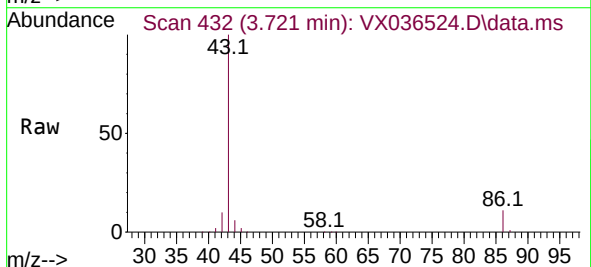
07/14/2023
Supervised By :Semsettin
Yesilyurt

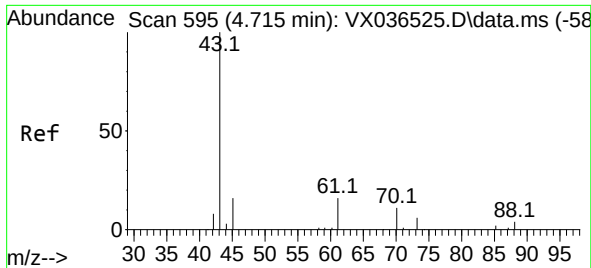
07/14/2023



#42
Vinyl Acetate
Concen: 23.608 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

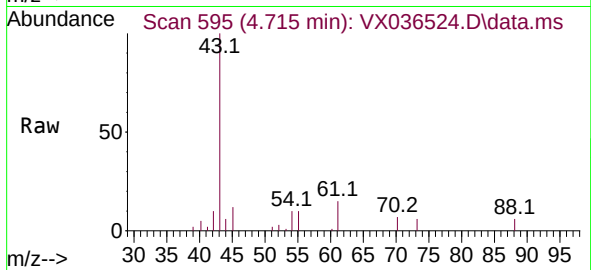
Tgt Ion: 43 Resp: 116312
Ion Ratio Lower Upper
43 100
86 9.0 7.4 11.0





#43
Ethyl Acetate
Concen: 5.085 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



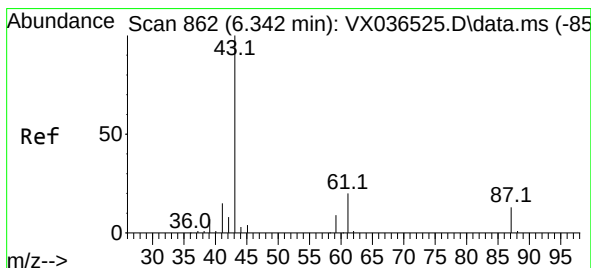
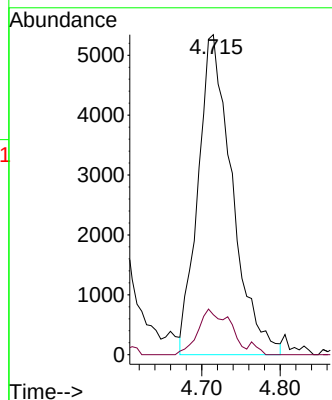
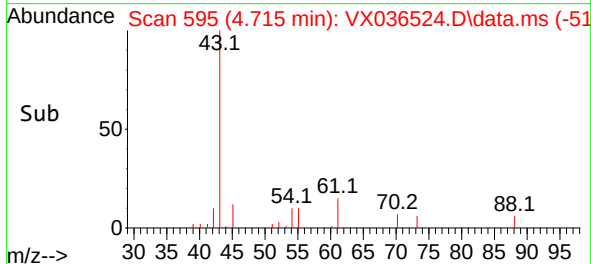
Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
45 9.6 12.6 18.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

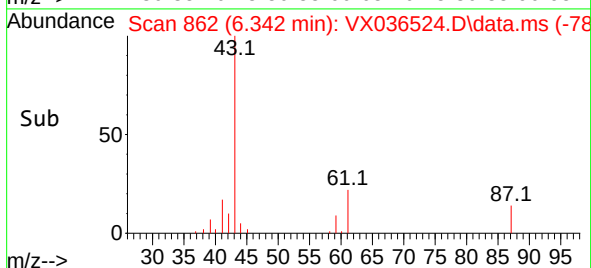
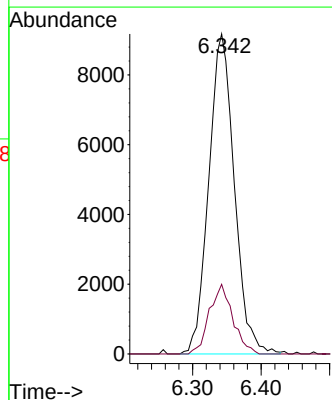
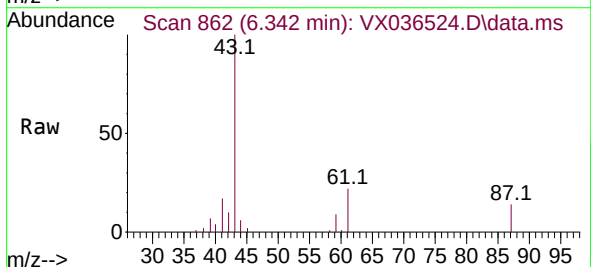
07/14/2023
Supervised By :Semsettin
Yesilyurt

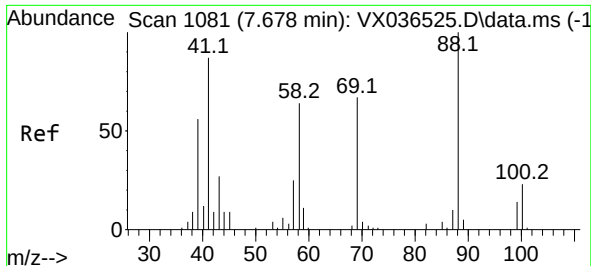
07/14/2023



#44
Isopropyl Acetate
Concen: 4.700 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

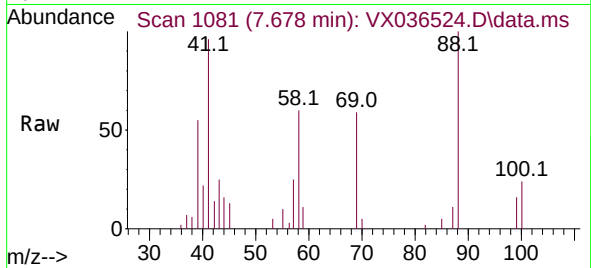
Tgt Ion: 43 Resp: 23798
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0





#45
1,4-Dioxane
Concen: 96.148 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



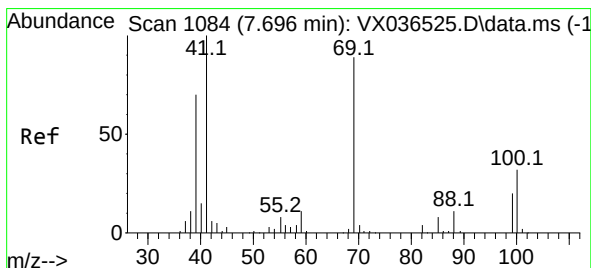
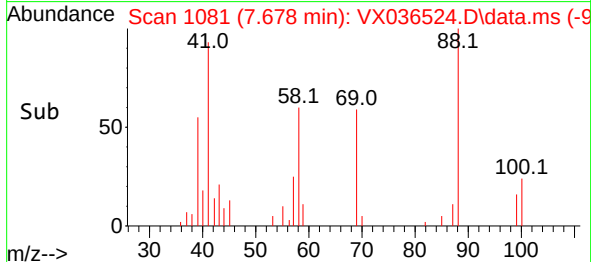
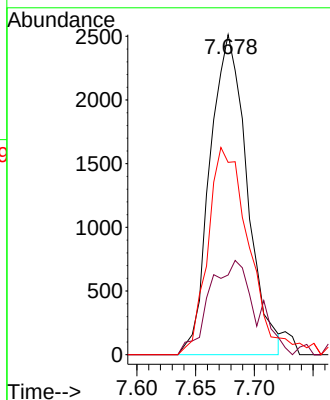
Tgt Ion: 88 Resp: 551
Ion Ratio Lower Upper
88 100
43 11.9 297.5 446.3
58 69.6 1.0 1.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

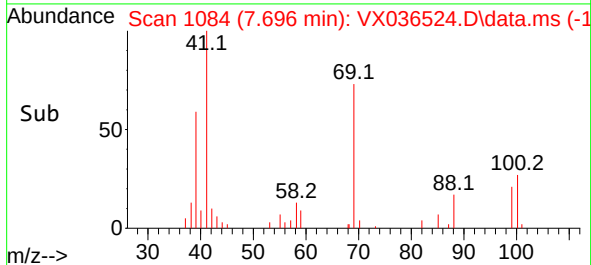
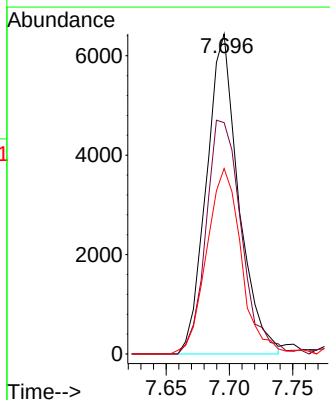
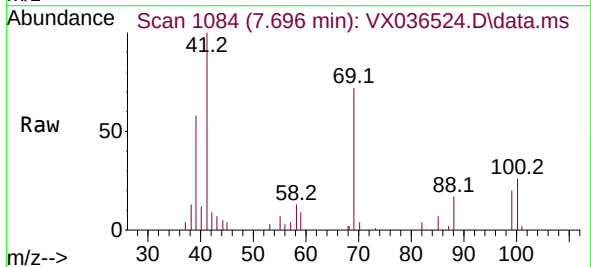
07/14/2023
Supervised By :Semsettin
Yesilyurt

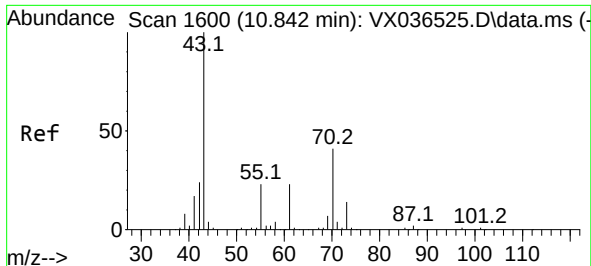
07/14/2023



#46
Methyl methacrylate
Concen: 4.703 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 41 Resp: 11382
Ion Ratio Lower Upper
41 100
69 72.3 44.4 133.1
39 56.8 34.9 104.7





#47

n-amyl acetate

Concen: 4.383 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

55 24.7 18.6 28.0

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Manual Integrations

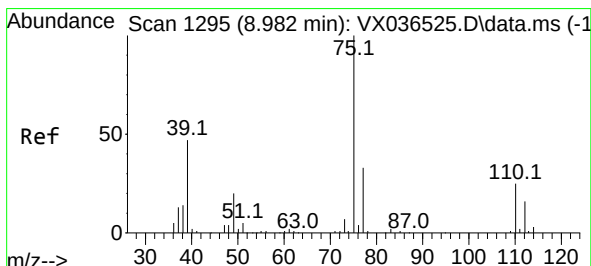
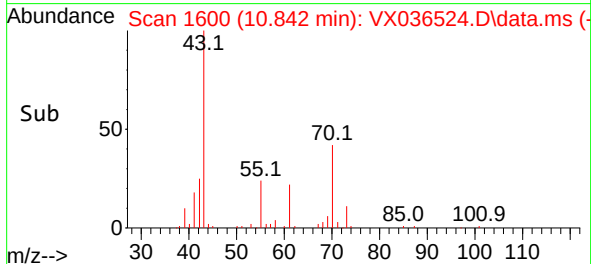
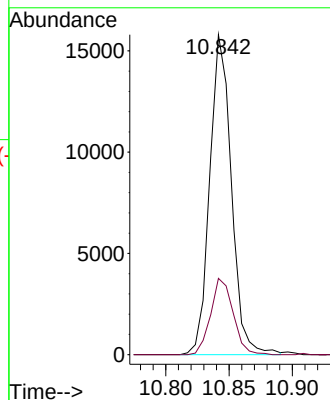
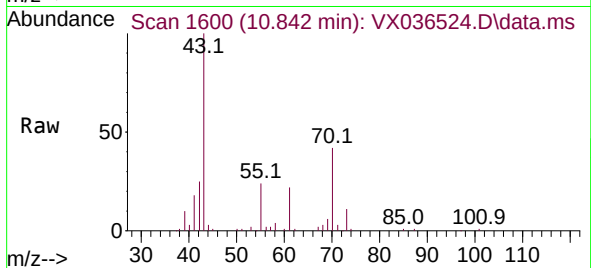
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#48

t-1,3-Dichloropropene

Concen: 4.390 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX036524.D

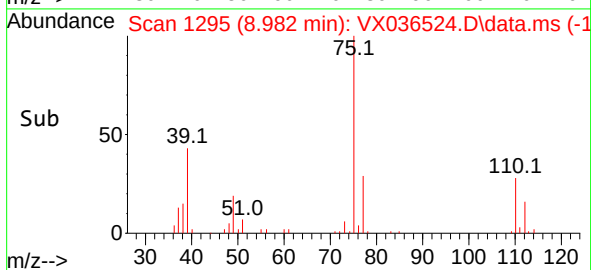
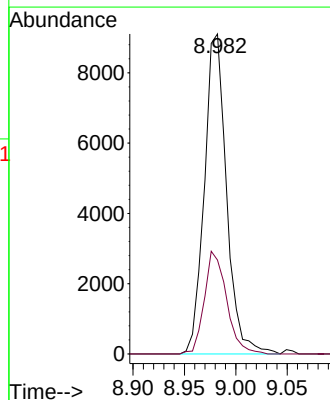
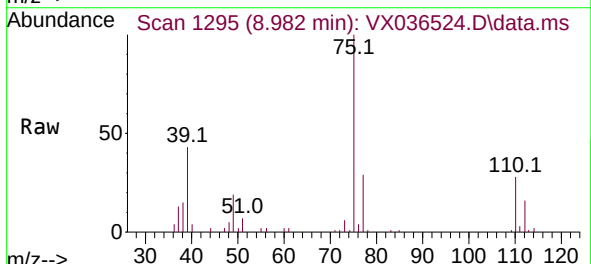
Acq: 13 Jul 2023 14:09

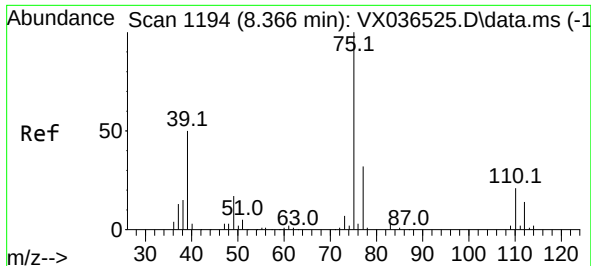
Tgt Ion: 75 Resp: 13701

Ion Ratio Lower Upper

75 100

77 29.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 4.411 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	75	Resp:	14870
Ion Ratio	Lower	Upper	
75	100		
77	29.8	25.4	38.2
39	53.2	40.2	60.4

Manual Integrations

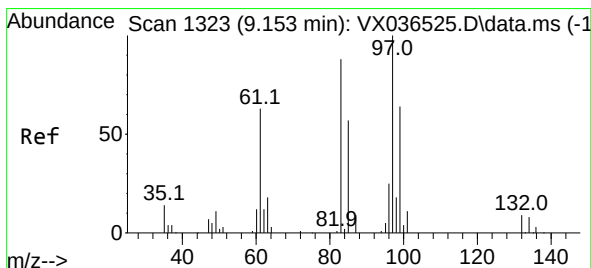
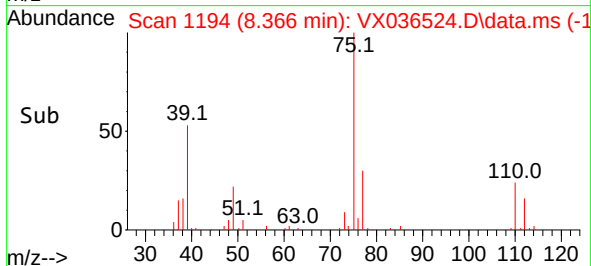
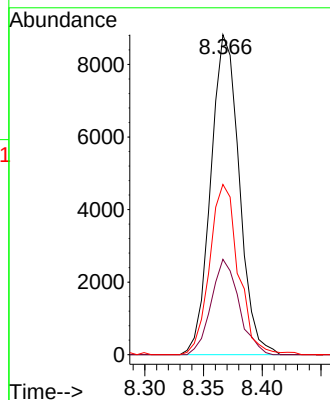
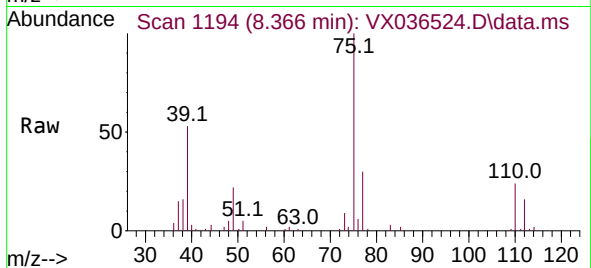
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#50

1,1,2-Trichloroethane

Concen: 5.002 ug/l

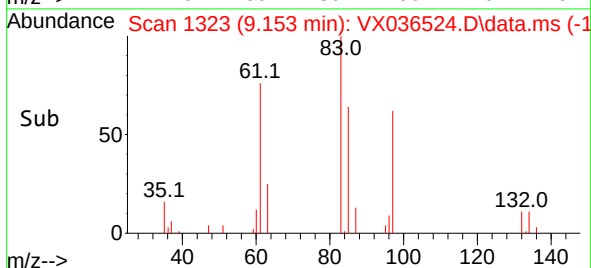
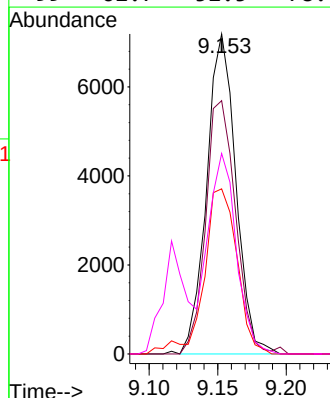
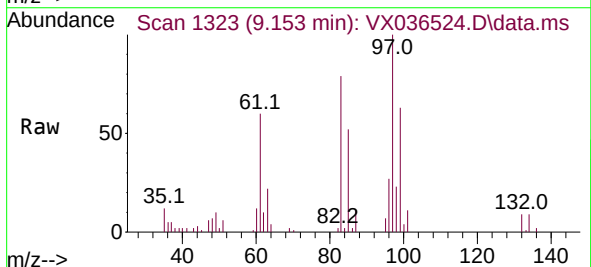
RT: 9.153 min Scan# 1323

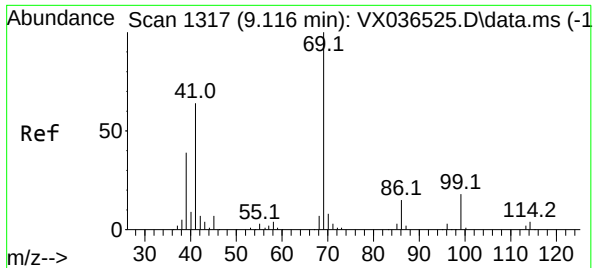
Delta R.T. 0.000 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

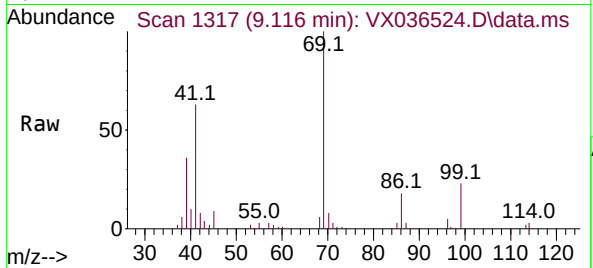
Tgt Ion:	97	Resp:	10645
Ion Ratio	Lower	Upper	
97	100		
83	79.2	70.0	105.0
85	51.6	46.1	69.1
99	62.7	52.5	78.7





#51
Ethyl methacrylate
Concen: 4.385 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



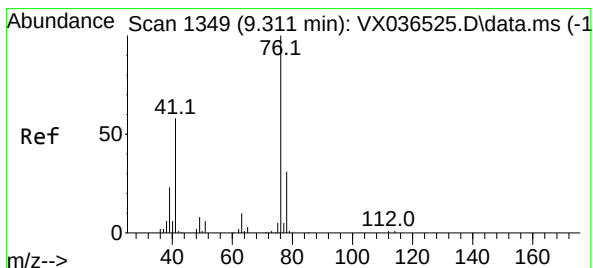
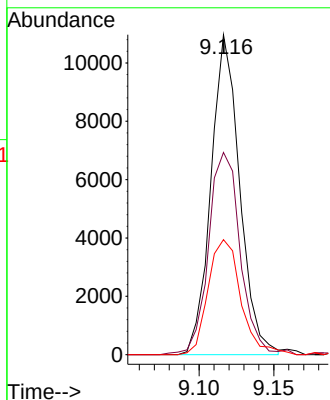
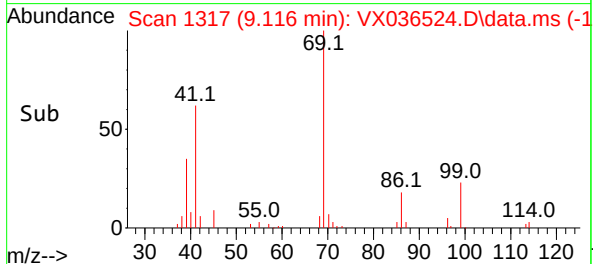
Tgt Ion: 69 Resp: 1465
Ion Ratio Lower Upper
69 100
41 62.4 32.0 96.0
39 35.9 19.4 58.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

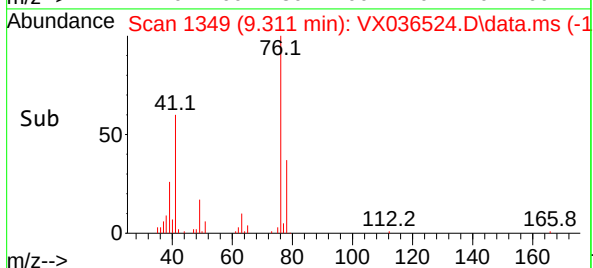
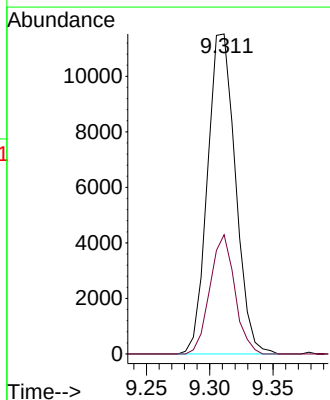
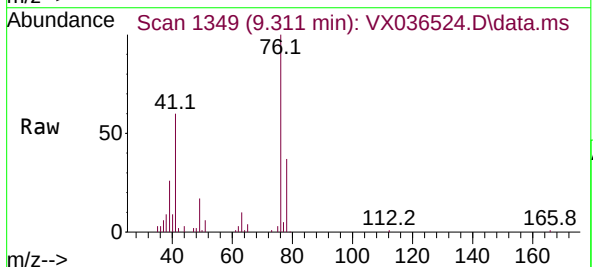
07/14/2023
Supervised By :Semsettin
Yesilyurt

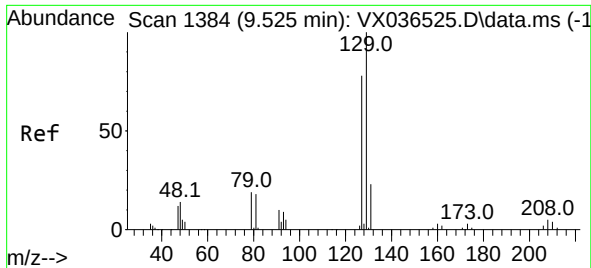
07/14/2023



#52
1,3-Dichloropropane
Concen: 4.936 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

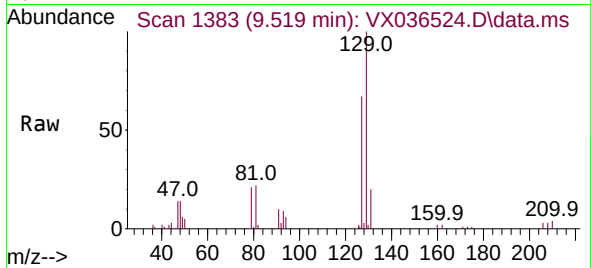
Tgt Ion: 76 Resp: 17730
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.6





#53
Dibromochloromethane
Concen: 4.406 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



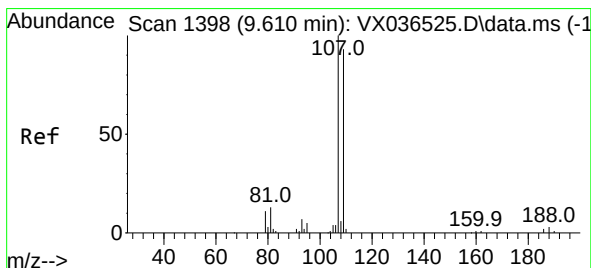
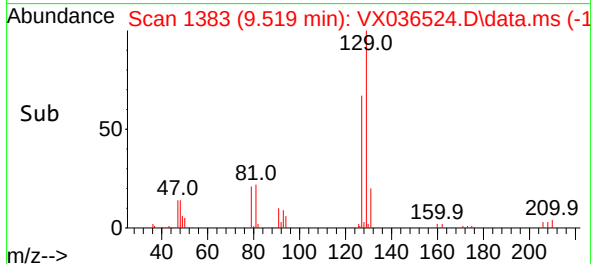
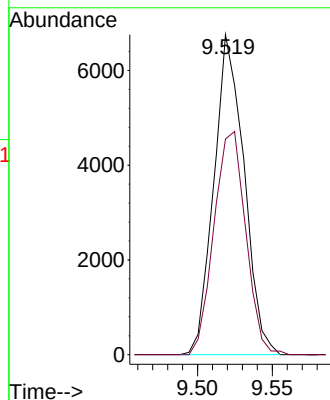
Tgt Ion:129 Resp: 946
Ion Ratio Lower Upper
129 100
127 73.6 38.6 115.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

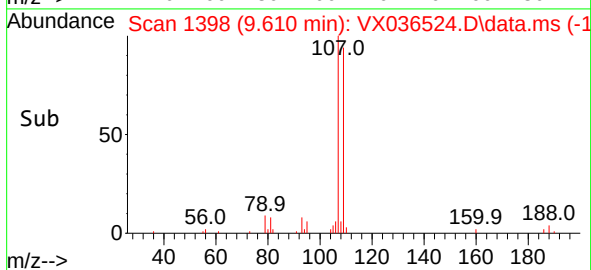
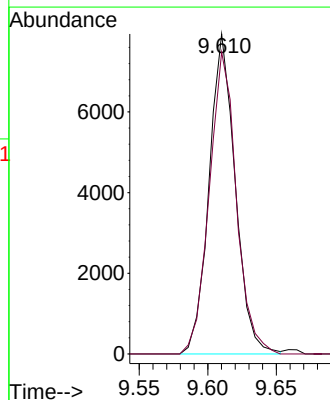
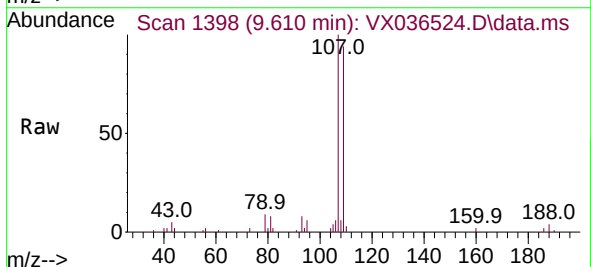
07/14/2023
Supervised By :Semsettin
Yesilyurt

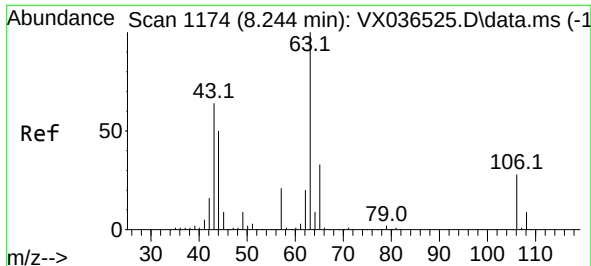
07/14/2023



#54
1,2-Dibromoethane
Concen: 4.702 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:107 Resp: 10512
Ion Ratio Lower Upper
107 100
109 97.7 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 23.074 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

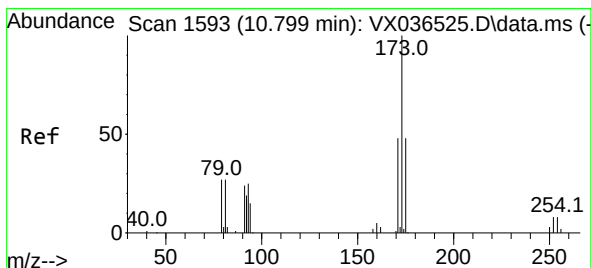
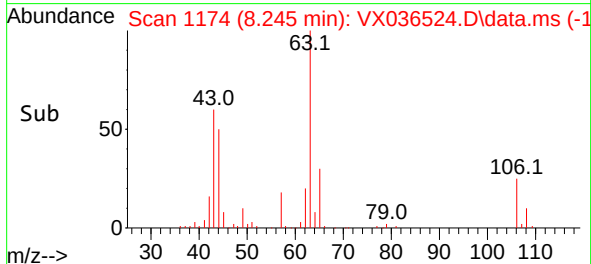
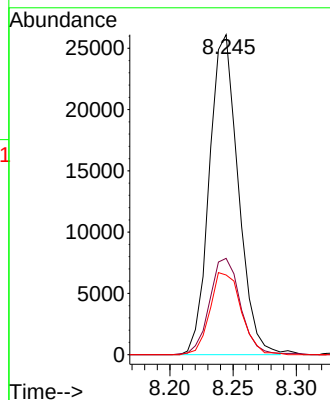
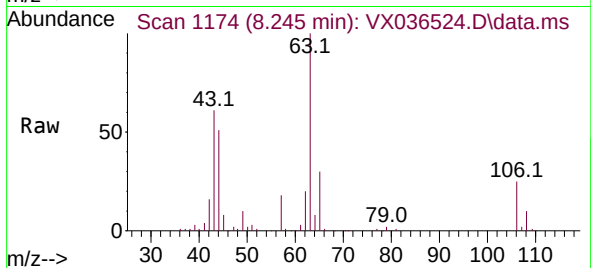
Tgt Ion: 63 Resp: 4146
Ion Ratio Lower Upper
63 100
65 32.0 25.9 38.9
106 27.7 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

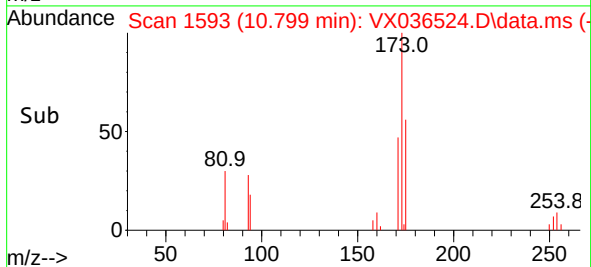
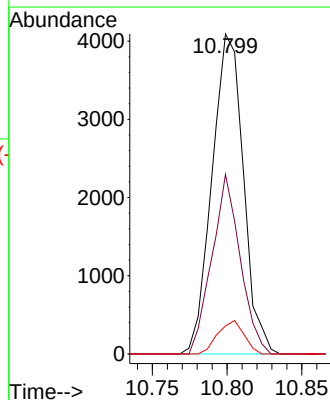
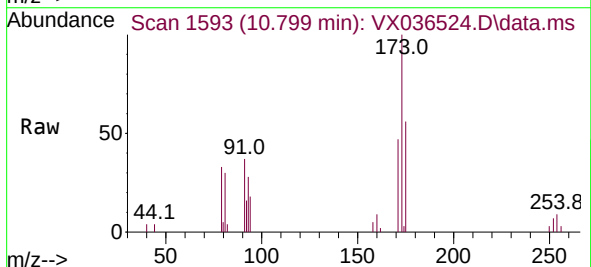
07/14/2023
Supervised By :Semsettin
Yesilyurt

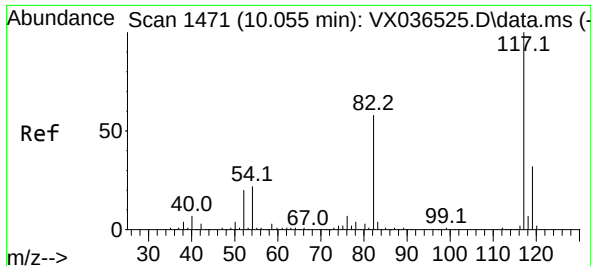
07/14/2023



#56
Bromoform
Concen: 3.999 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:173 Resp: 5976
Ion Ratio Lower Upper
173 100
175 50.5 38.1 57.1
254 8.7 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: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 117 Resp: 156350

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.7	67.1
119	32.6	25.6	38.4

Manual Integrations

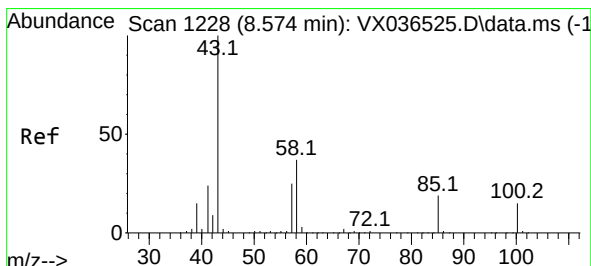
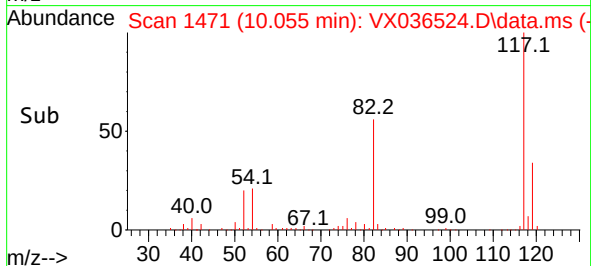
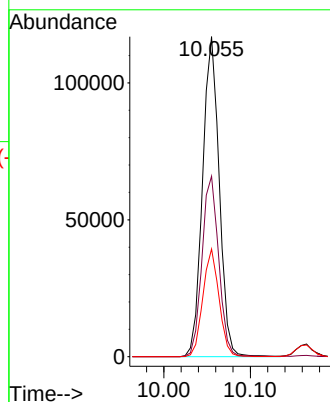
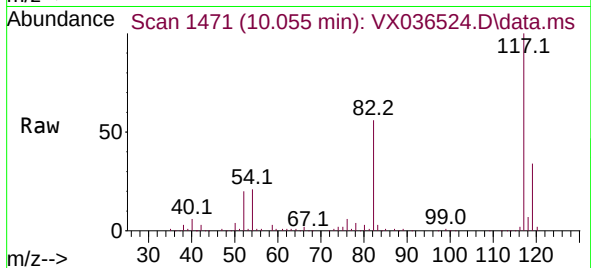
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#58

4-Methyl-2-Pentanone

Concen: 24.129 ug/l

RT: 8.574 min Scan# 1228

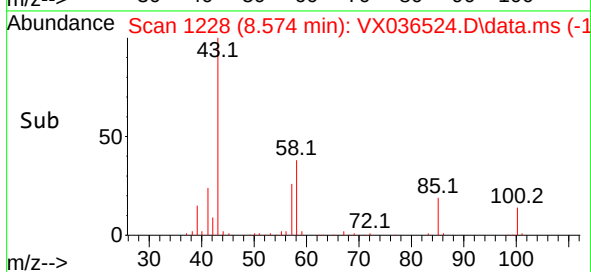
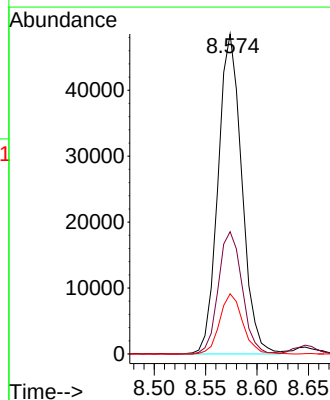
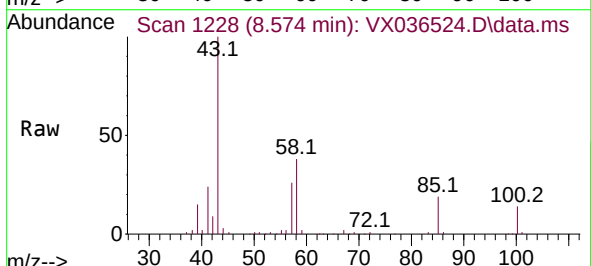
Delta R.T. 0.000 min

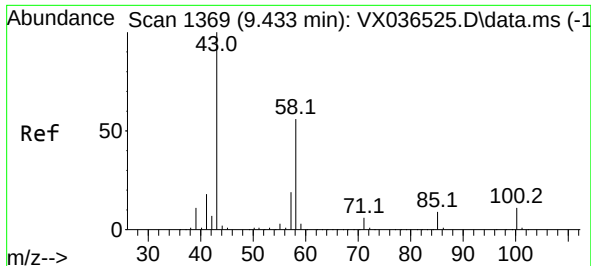
Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Tgt Ion: 43 Resp: 78015

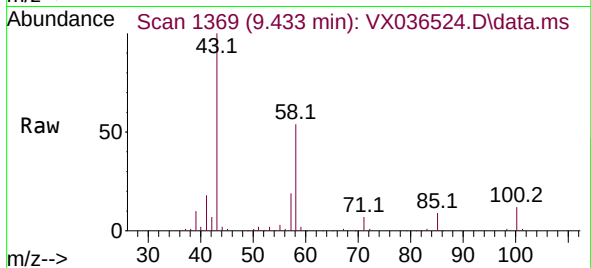
Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.9	46.3
85	18.2	14.4	21.6





#59
2-Hexanone
Concen: 23.545 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



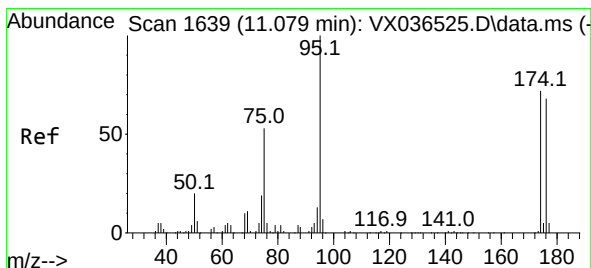
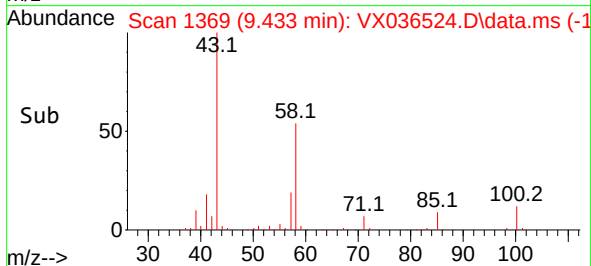
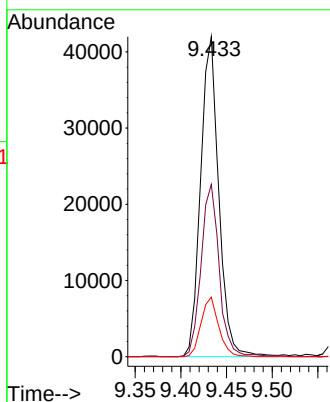
Tgt Ion: 43 Resp: 57915
Ion Ratio Lower Upper
43 100
58 53.3 43.4 65.2
57 18.1 15.1 22.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

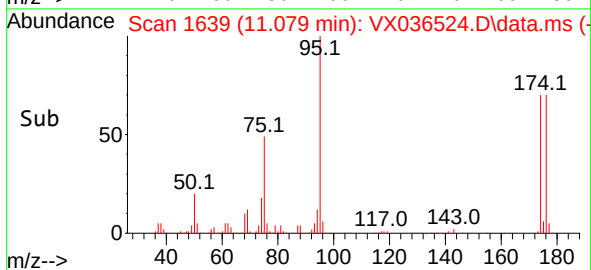
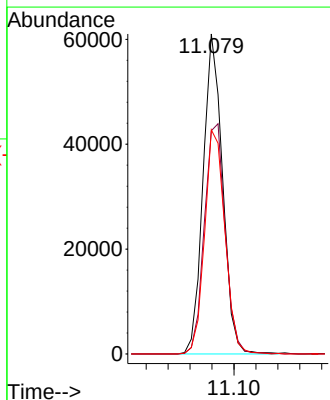
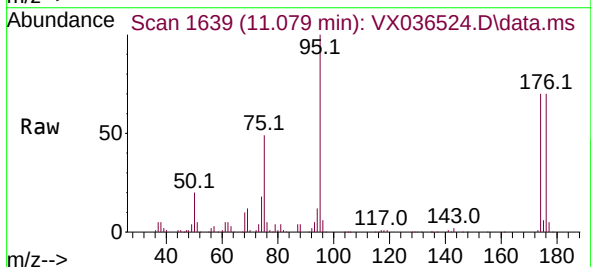
07/14/2023
Supervised By :Semsettin
Yesilyurt

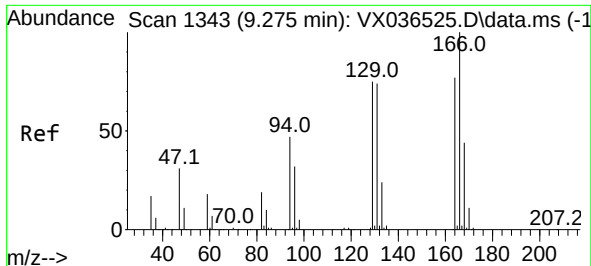
07/14/2023



#60
4-Bromofluorobenzene
Concen: 29.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 95 Resp: 75219
Ion Ratio Lower Upper
95 100
174 76.9 60.5 90.7
176 73.0 58.2 87.4





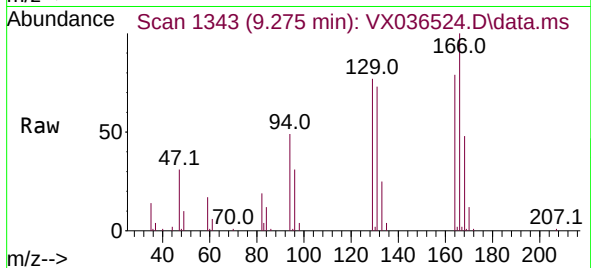
#61
Tetrachloroethene
Concen: 5.027 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion:164 Resp: 941
Ion Ratio Lower Upper
164 100
166 127.3 104.5 156.7
129 97.7 78.0 117.0
131 93.0 77.5 116.3

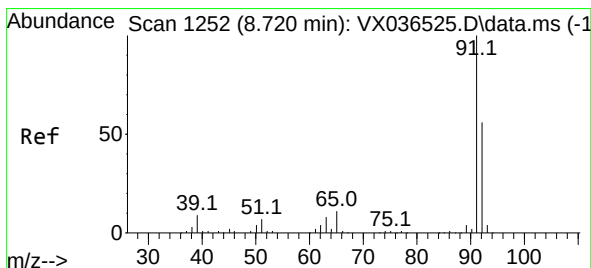
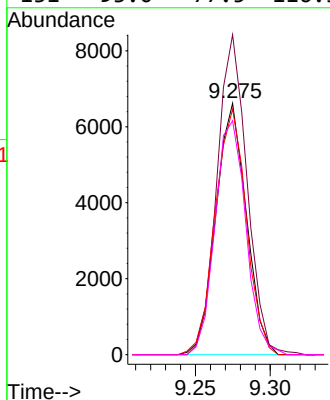
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Reviewed By :John
Carlone

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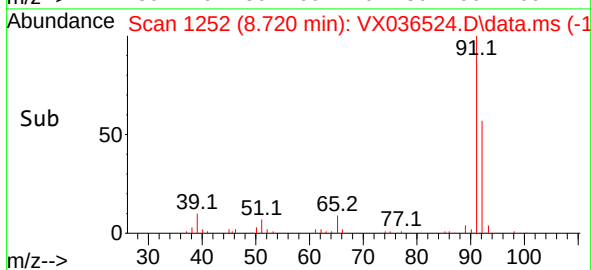
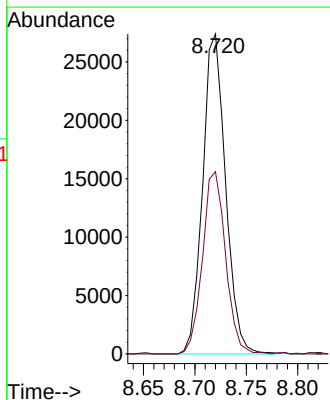
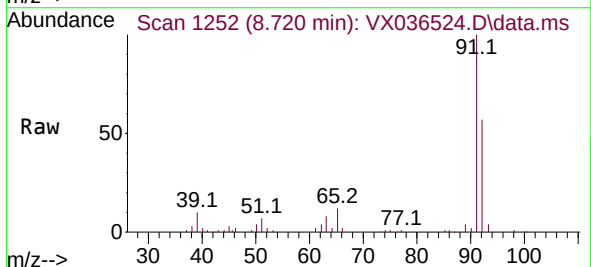
Supervised By :Semsettin
Yesilyurt

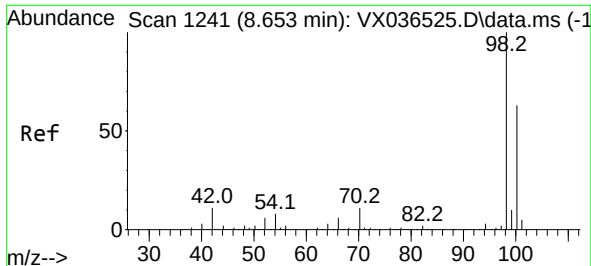
07/14/2023



#62
Toluene
Concen: 4.858 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

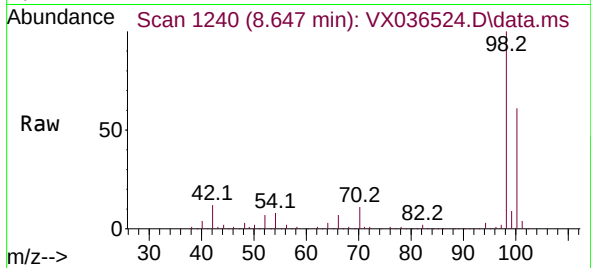
Tgt Ion: 91 Resp: 42622
Ion Ratio Lower Upper
91 100
92 57.2 44.9 67.3





#63
Toluene-d8
Concen: 30.419 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



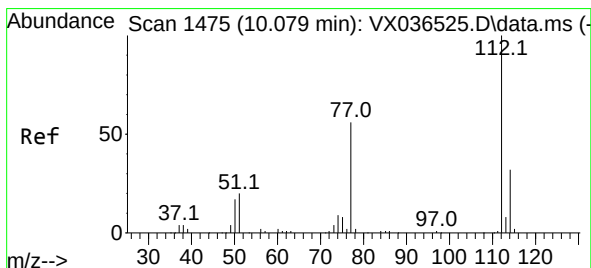
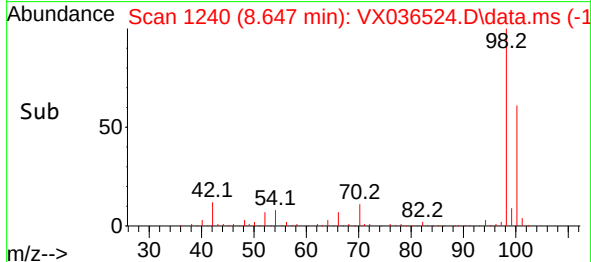
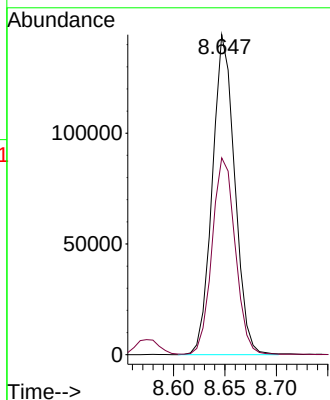
Tgt Ion: 98 Resp: 21886
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

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Reviewed By :John
Carlone

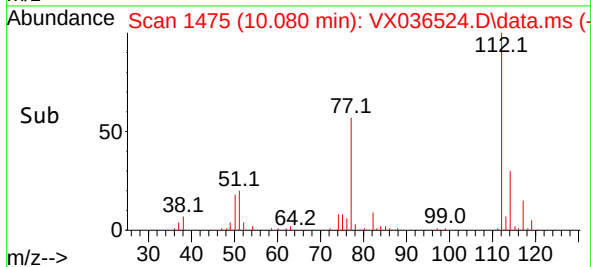
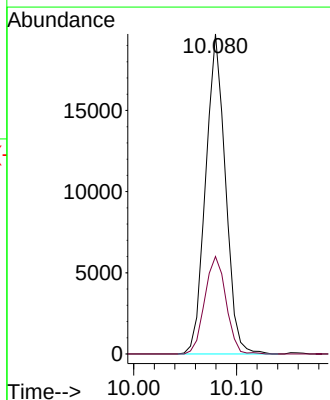
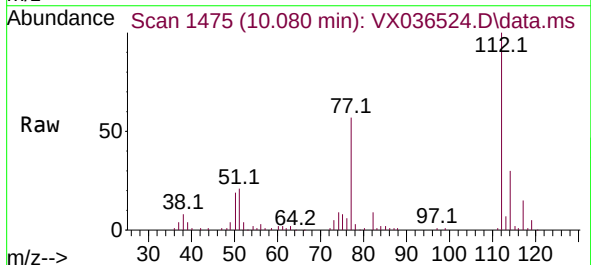
07/14/2023
Supervised By :Semsettin
Yesilyurt

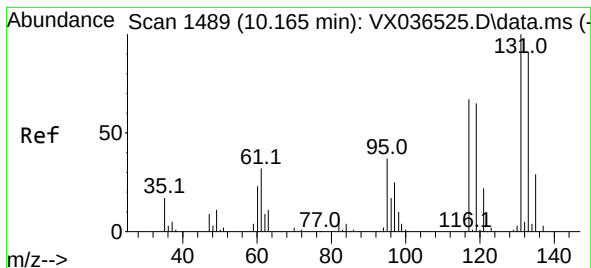
07/14/2023



#64
Chlorobenzene
Concen: 4.819 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:112 Resp: 26317
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 4.438 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

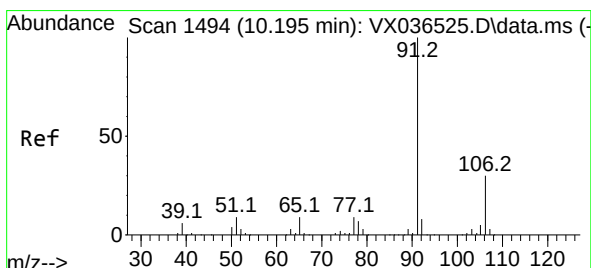
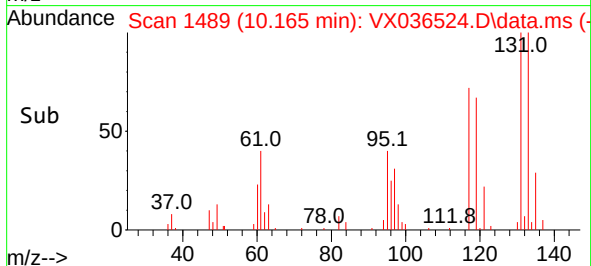
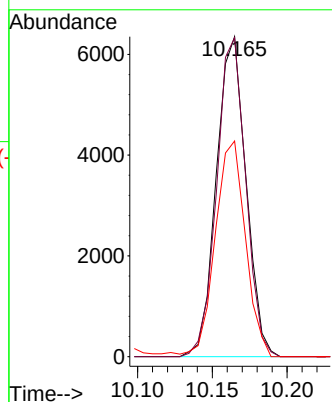
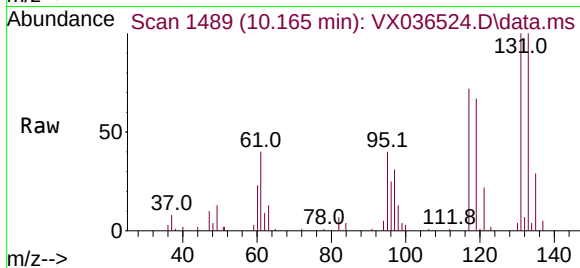
Tgt Ion:131 Resp: 875
Ion Ratio Lower Upper
131 100
133 97.4 0.0 192.0
119 68.5 0.0 132.8

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Reviewed By :John
Carlone

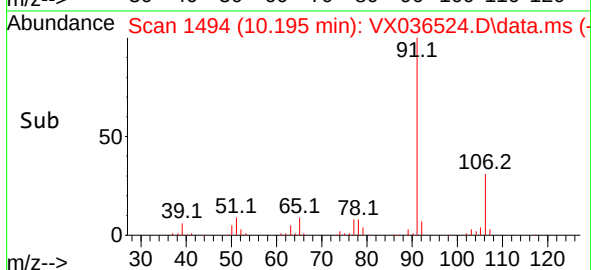
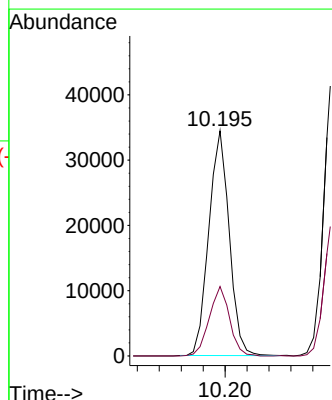
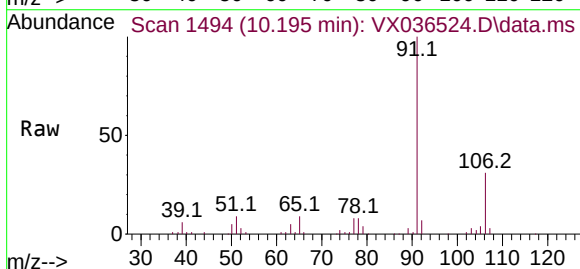
07/14/2023
Supervised By :Semsettin
Yesilyurt

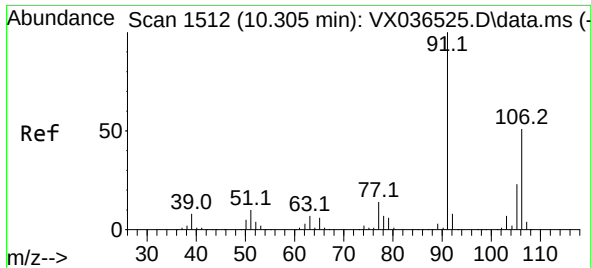
07/14/2023



#66
Ethyl Benzene
Concen: 4.675 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion: 91 Resp: 44577
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4





#67
m/p-Xylenes
Concen: 9.355 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

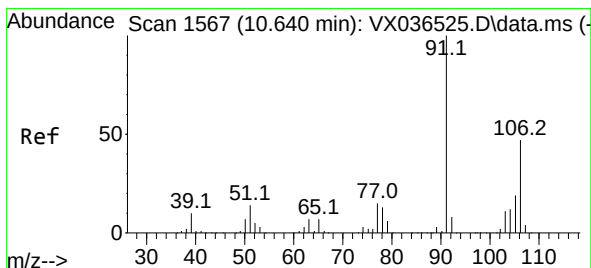
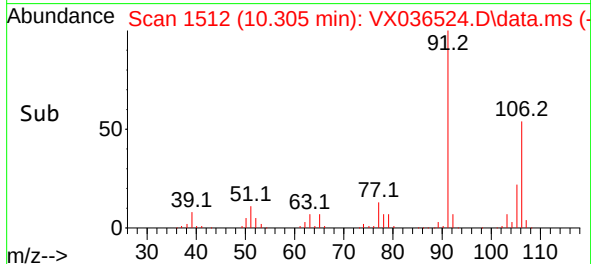
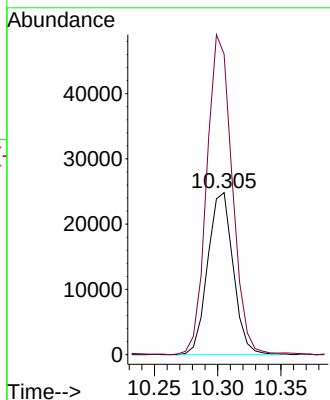
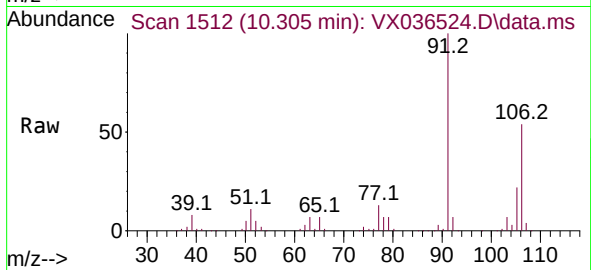
Tgt Ion:106 Resp: 34774
Ion Ratio Lower Upper
106 100
91 197.5 160.5 240.7

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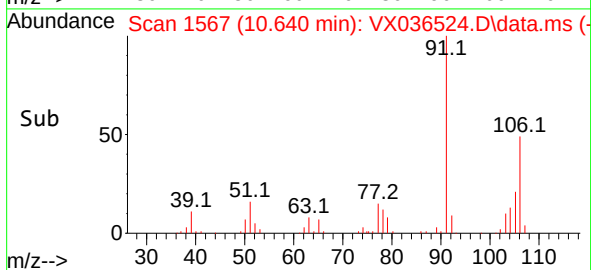
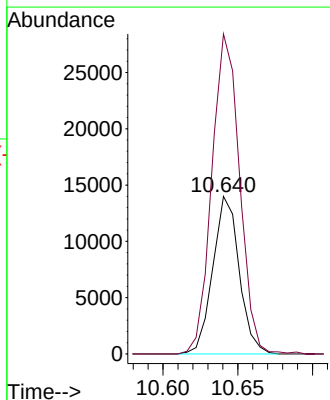
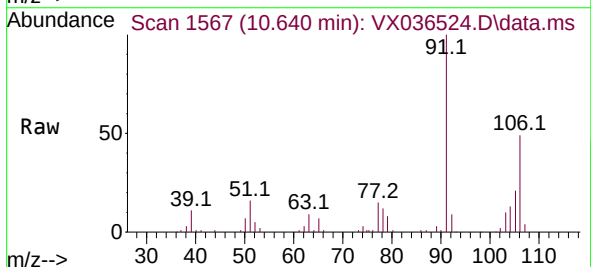
07/14/2023
Supervised By :Semsettin
Yesilyurt

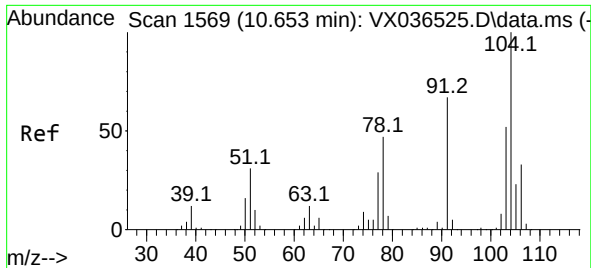
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#68
o-Xylene
Concen: 4.661 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:106 Resp: 17194
Ion Ratio Lower Upper
106 100
91 213.3 105.4 316.1





#69
Styrene
Concen: 4.432 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

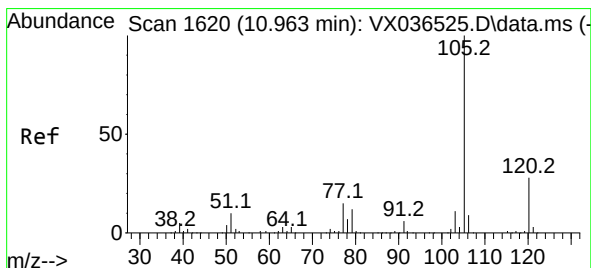
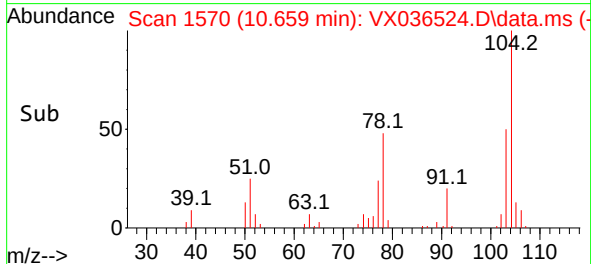
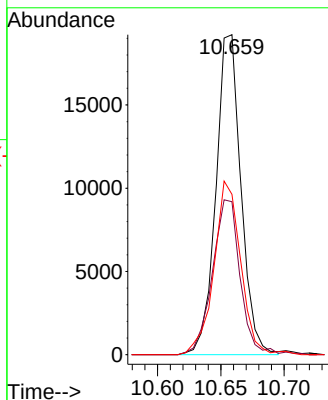
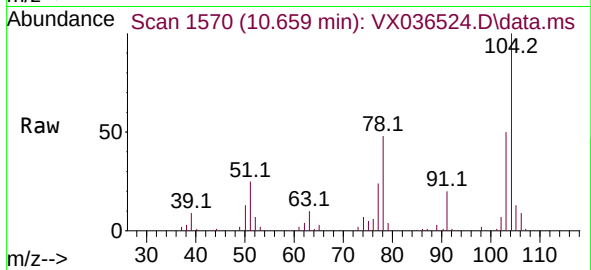
Tgt Ion:104 Resp: 2651
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 57.2 45.5 68.3

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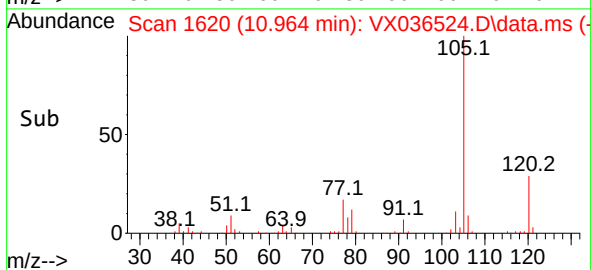
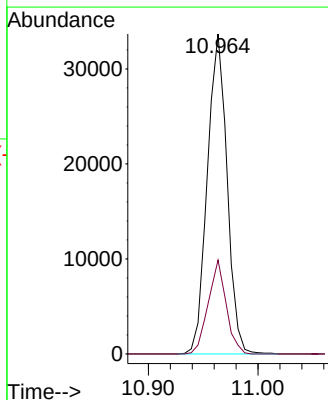
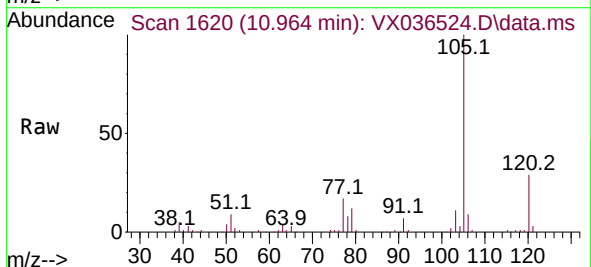
07/14/2023
Supervised By :Semsettin
Yesilyurt

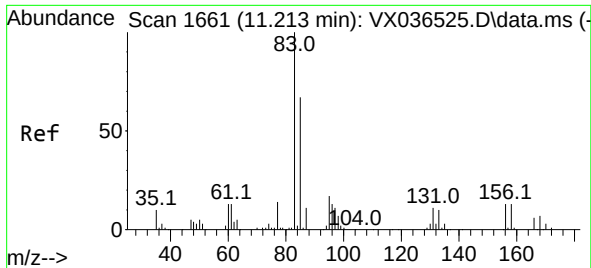
07/14/2023



#70
Isopropylbenzene
Concen: 4.592 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

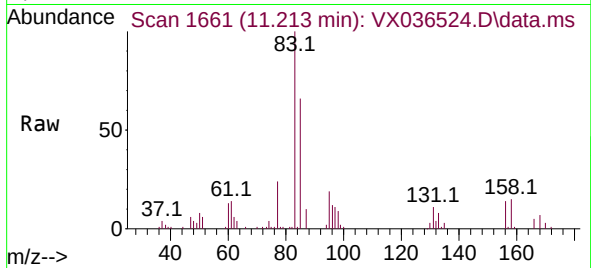
Tgt Ion:105 Resp: 42195
Ion Ratio Lower Upper
105 100
120 26.7 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 4.940 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



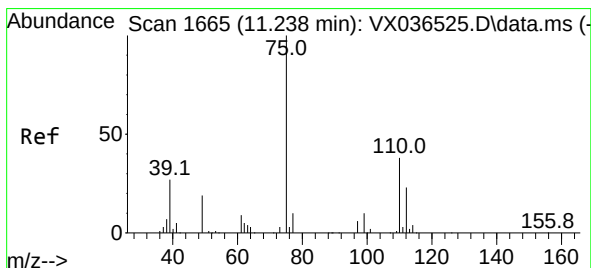
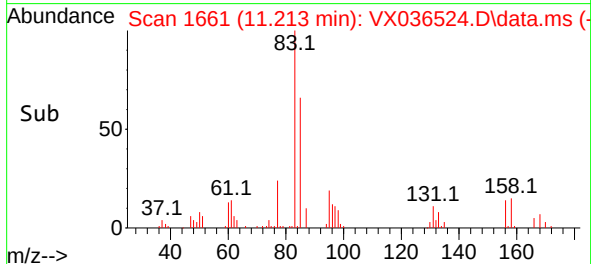
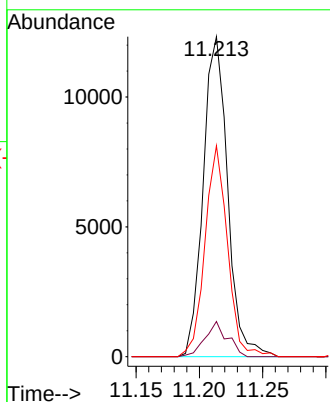
Tgt Ion: 83 Resp: 1656
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 60.9 32.4 97.0

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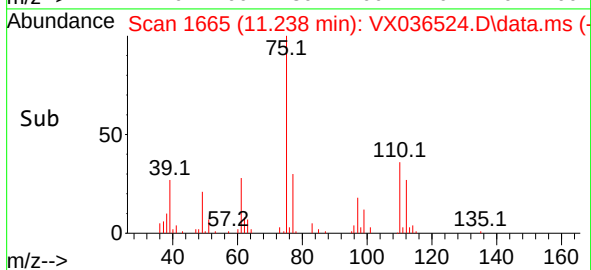
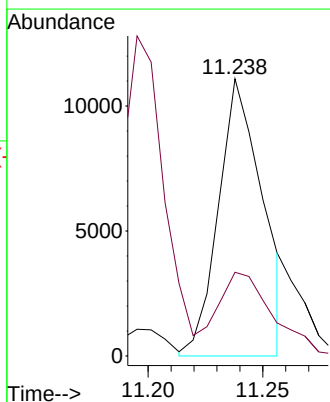
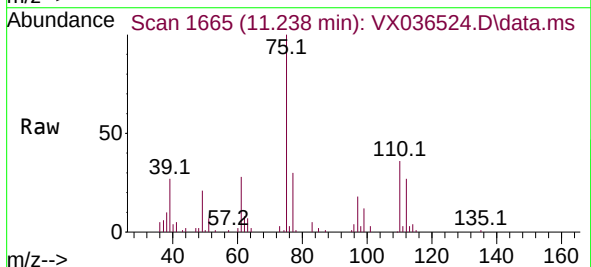
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Supervised By :Semsettin
Yesilyurt

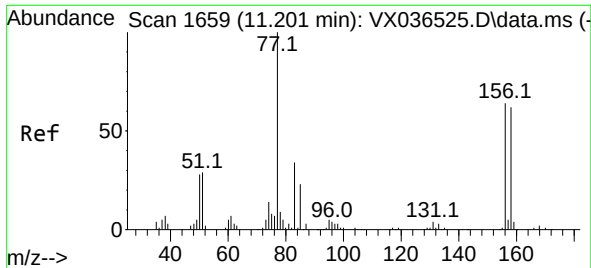
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#72
1,2,3-Trichloropropane
Concen: 4.776 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

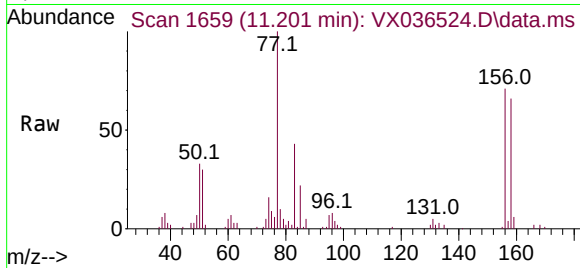
Tgt Ion: 75 Resp: 14774
Ion Ratio Lower Upper
75 100
77 38.6 0.0 77.2





#73
Bromobenzene
Concen: 4.689 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



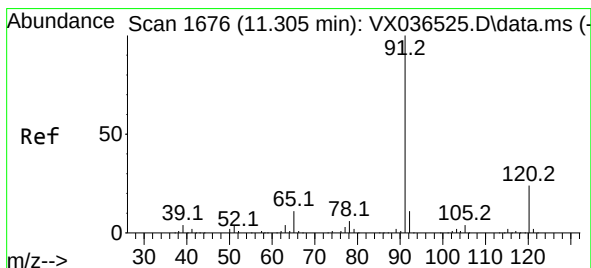
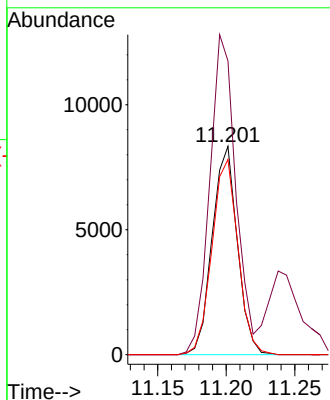
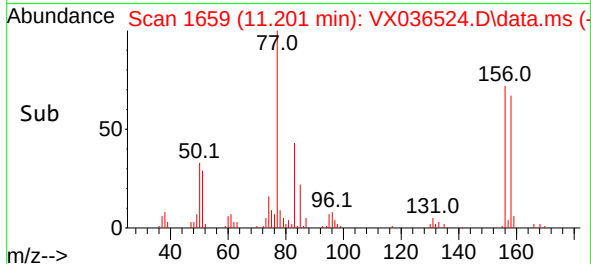
Tgt Ion:156 Resp: 10649
Ion Ratio Lower Upper
156 100
77 158.8 0.0 333.0
158 96.9 0.0 196.4

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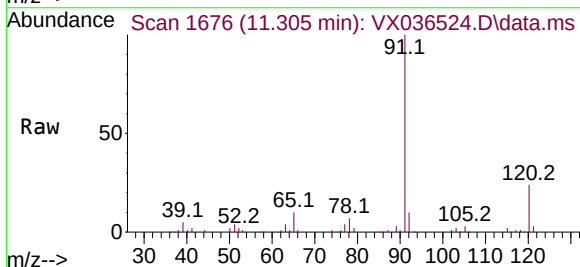
Reviewed By :John
Carlone

07/14/2023
Supervised By :Semsettin
Yesilyurt

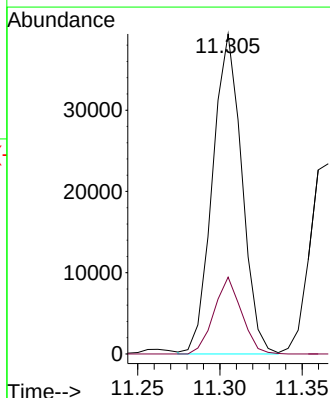
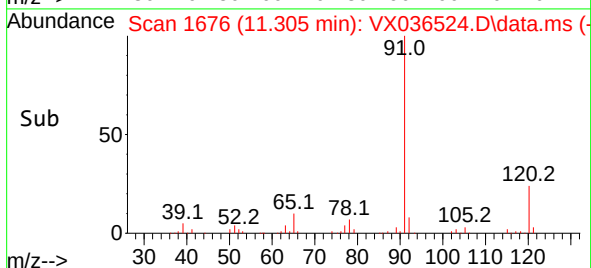
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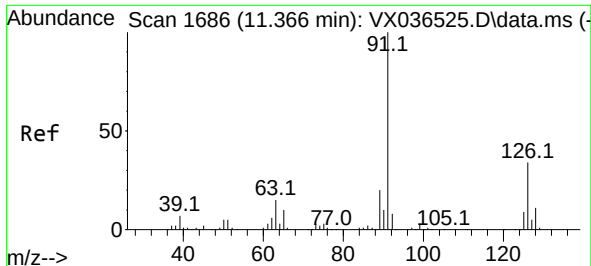


#74
n-propylbenzene
Concen: 4.526 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09



Tgt Ion: 91 Resp: 48941
Ion Ratio Lower Upper
91 100
120 22.4 0.0 46.6





#75
2-Chlorotoluene
Concen: 4.671 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

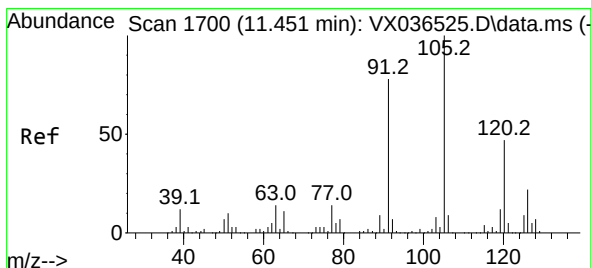
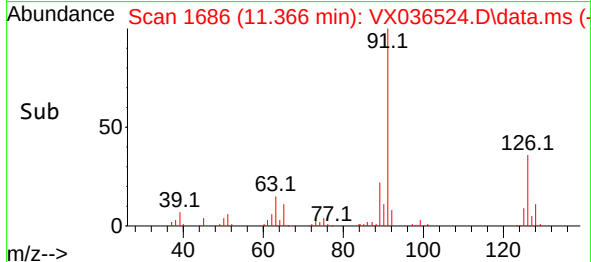
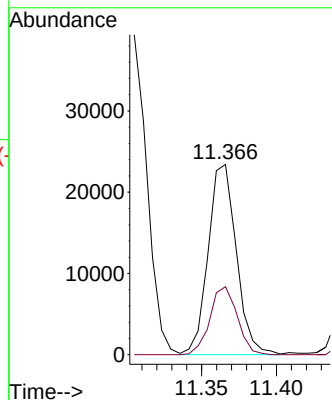
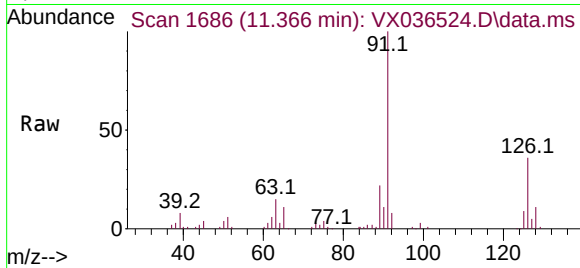
Tgt Ion: 91 Resp: 30720
Ion Ratio Lower Upper
91 100
126 34.5 0.0 66.2

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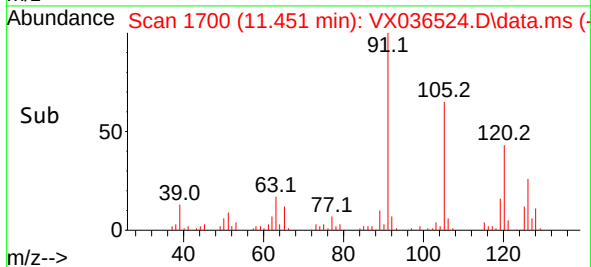
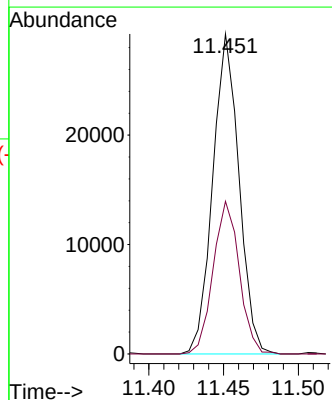
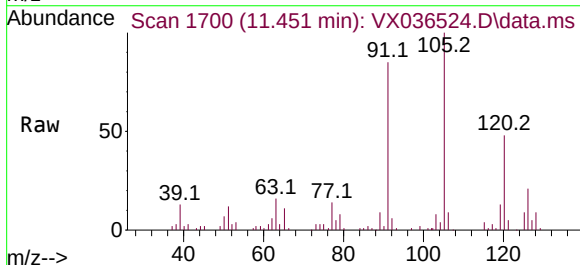
07/14/2023
Supervised By :Semsettin
Yesilyurt

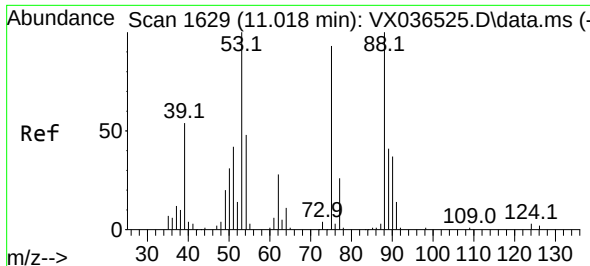
07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.513 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:105 Resp: 35633
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.632 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

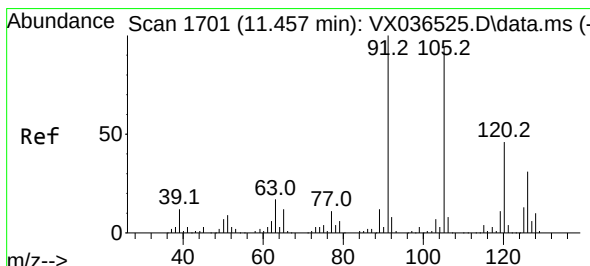
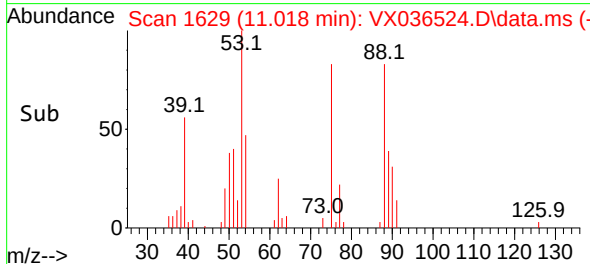
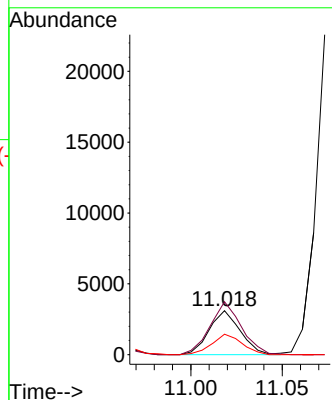
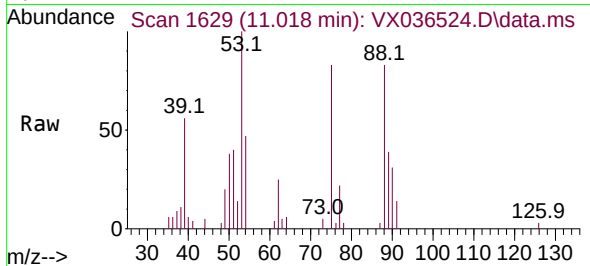
Tgt Ion: 75 Resp: 3700
Ion Ratio Lower Upper
75 100
53 120.6 53.9 161.7
89 46.5 22.1 66.1

Manual Integrations
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Reviewed By :John
Carlone

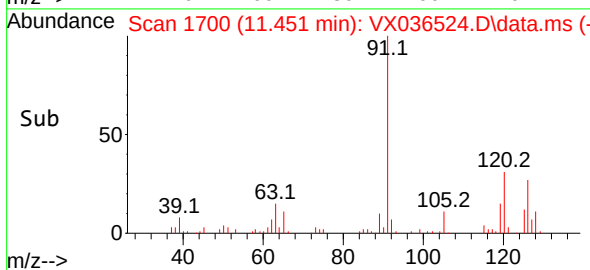
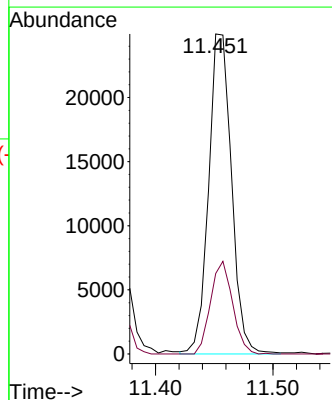
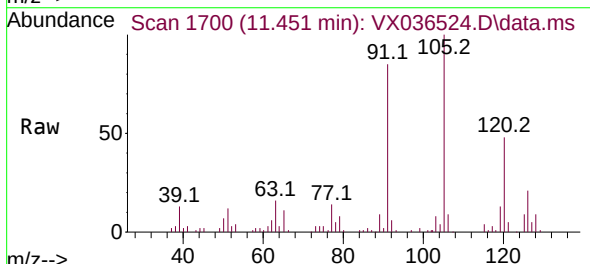
07/14/2023
Supervised By :Semsettin
Yesilyurt

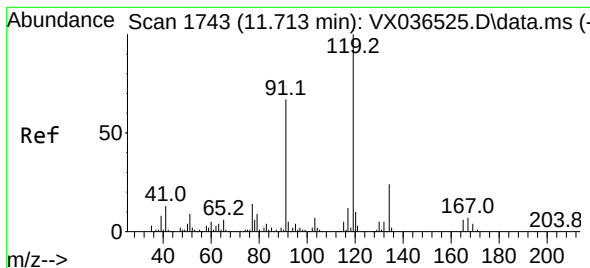
07/14/2023



#78
4-Chlorotoluene
Concen: 4.522 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

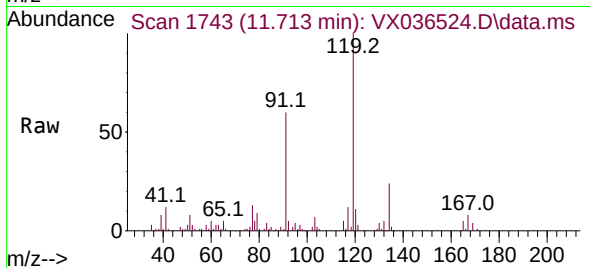
Tgt Ion: 91 Resp: 33862
Ion Ratio Lower Upper
91 100
126 27.8 0.0 59.4





#79
tert-butylbenzene
Concen: 4.551 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



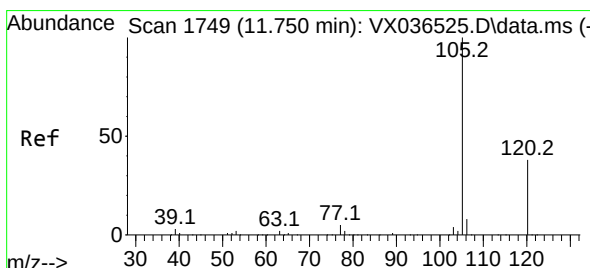
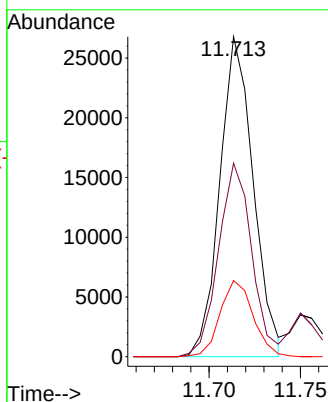
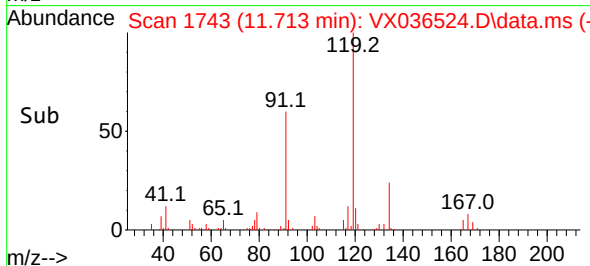
Tgt Ion:119 Resp: 3410
Ion Ratio Lower Upper
119 100
91 60.3 0.0 124.4
134 23.6 0.0 47.2

Manual Integrations
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Reviewed By :John
Carlone

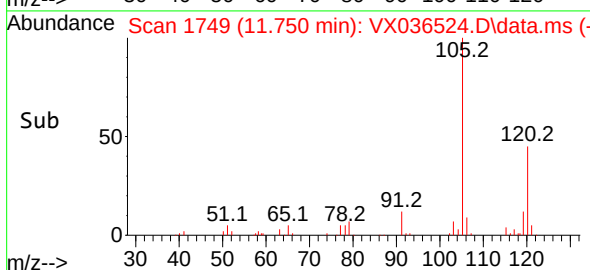
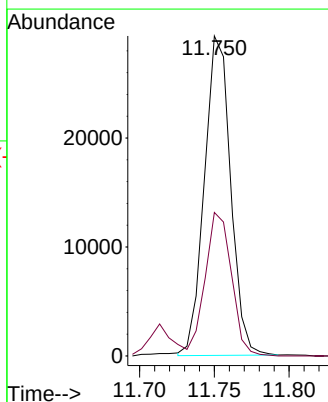
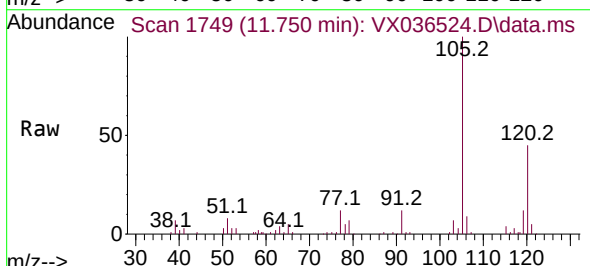
07/14/2023
Supervised By :Semsettin
Yesilyurt

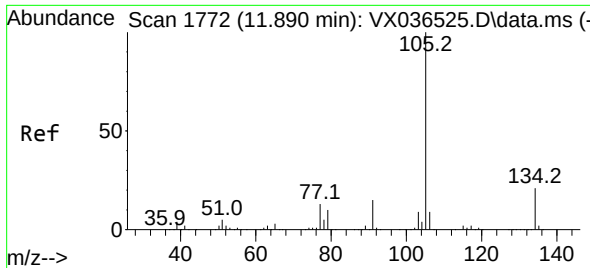
07/14/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.576 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:105 Resp: 35796
Ion Ratio Lower Upper
105 100
120 44.9 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 4.453 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036524.D
 Acq: 13 Jul 2023 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

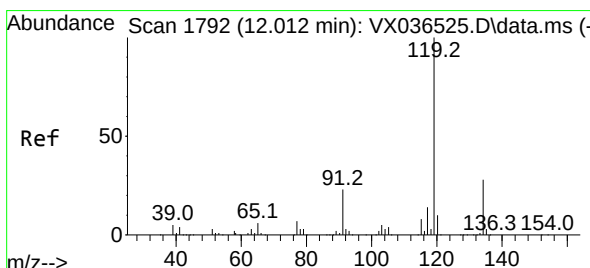
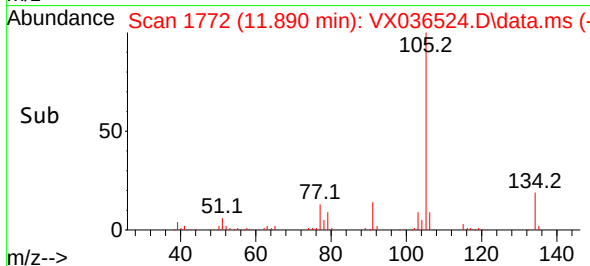
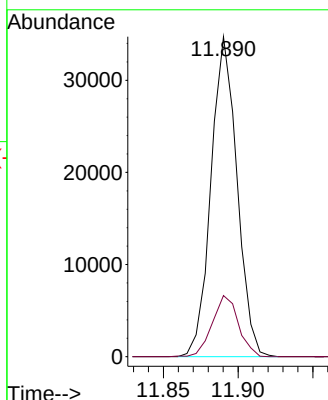
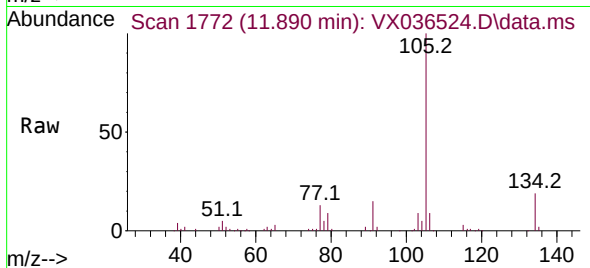
Tgt Ion:105 Resp: 42004
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.2

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

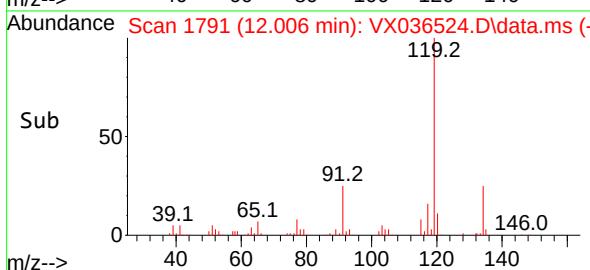
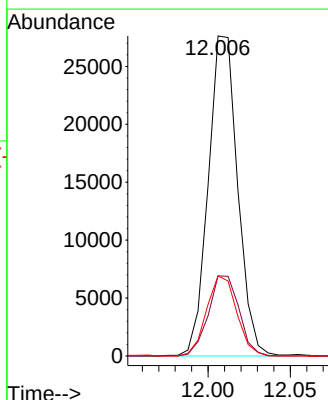
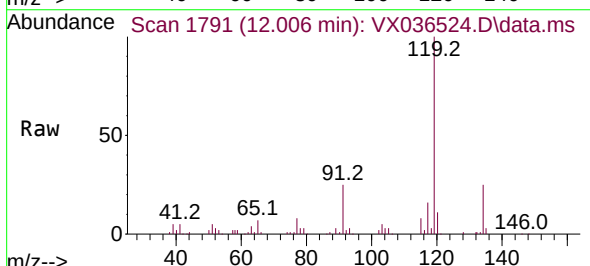
07/14/2023
 Supervised By :Semsettin
 Yesilyurt

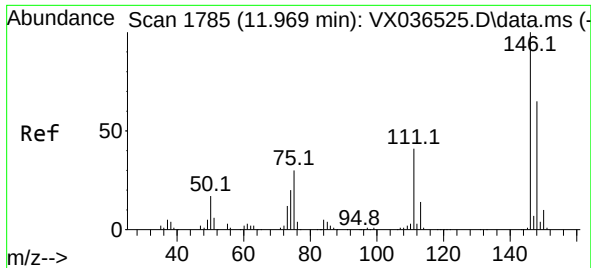
07/14/2023



#82
 p-Isopropyltoluene
 Concen: 4.387 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036524.D
 Acq: 13 Jul 2023 14:09

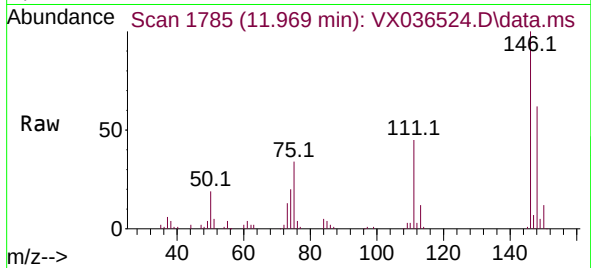
Tgt Ion:119 Resp: 34423
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 53.2
 91 25.6 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 4.637 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



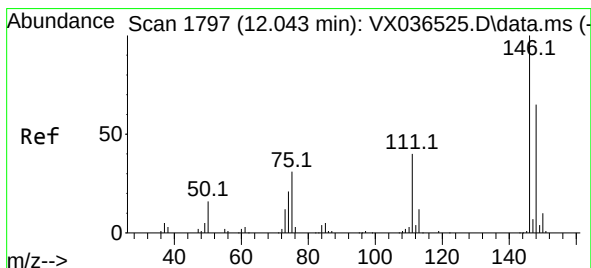
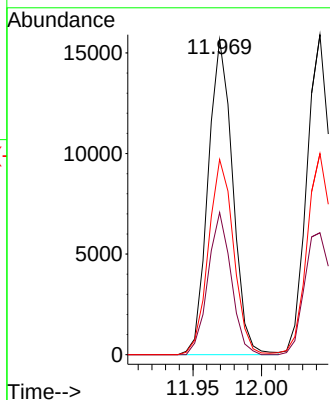
Tgt Ion:146 Resp: 19590
Ion Ratio Lower Upper
146 100
111 42.3 20.4 61.2
148 63.4 31.6 94.8

Manual Integrations
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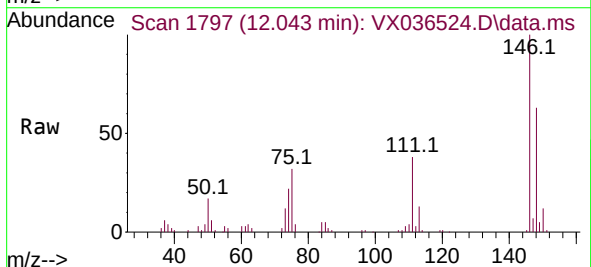
Reviewed By :John
Carlone

07/14/2023
Supervised By :Semsettin
Yesilyurt

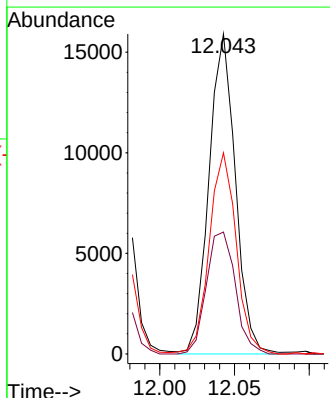
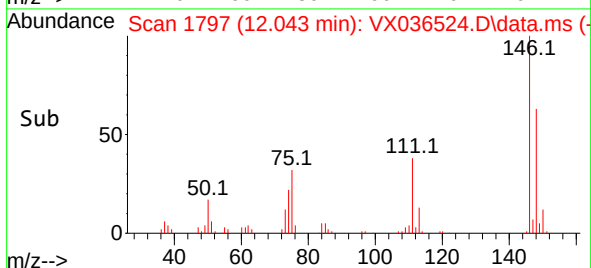
07/14/2023

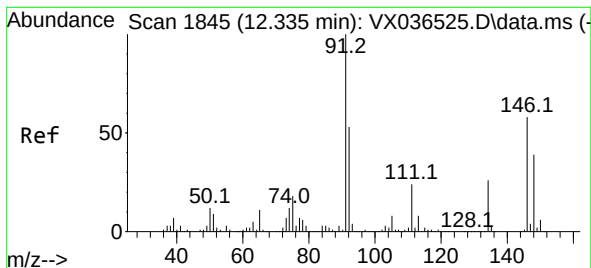


#84
1,4-Dichlorobenzene
Concen: 4.643 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09



Tgt Ion:146 Resp: 19547
Ion Ratio Lower Upper
146 100
111 41.8 20.2 60.6
148 64.1 32.1 96.3





#85
n-Butylbenzene
Concen: 4.150 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

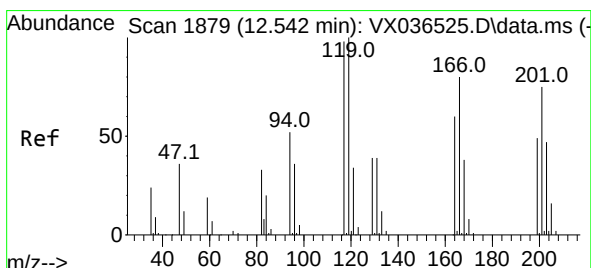
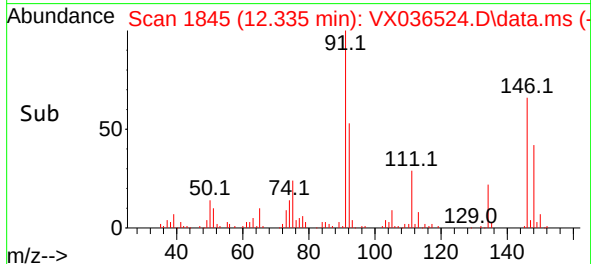
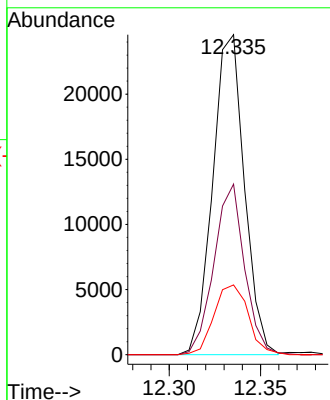
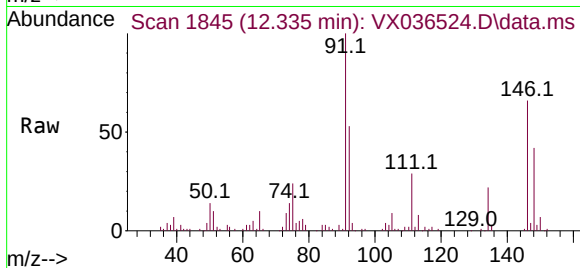
Tgt Ion: 91 Resp: 2964
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.2
134 23.6 0.0 51.4

Manual Integrations
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Reviewed By :John
Carlone

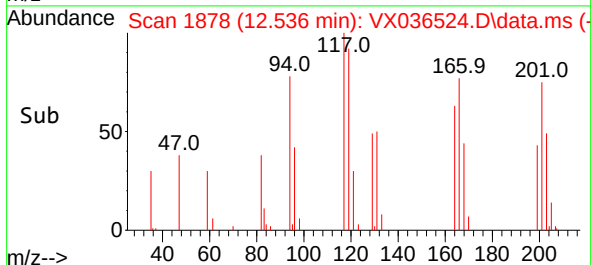
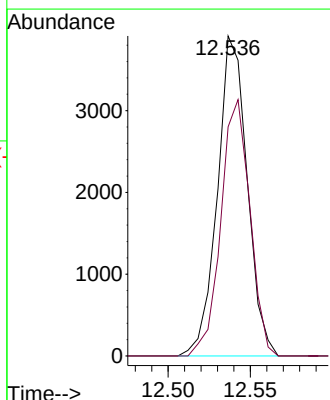
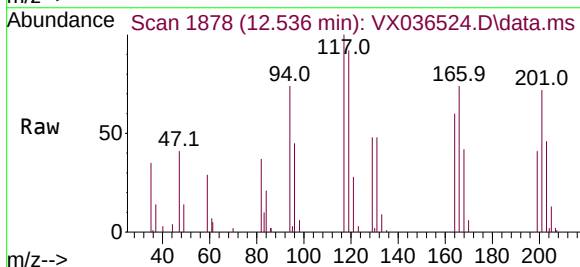
07/14/2023
Supervised By :Semsettin
Yesilyurt

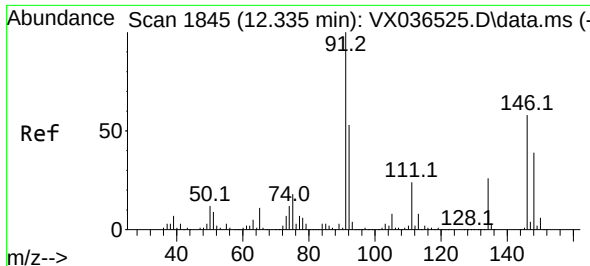
07/14/2023



#86
Hexachloroethane
Concen: 3.799 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:117 Resp: 4936
Ion Ratio Lower Upper
117 100
201 78.0 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 4.634 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 19638

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.3
148	64.2	33.2	99.6

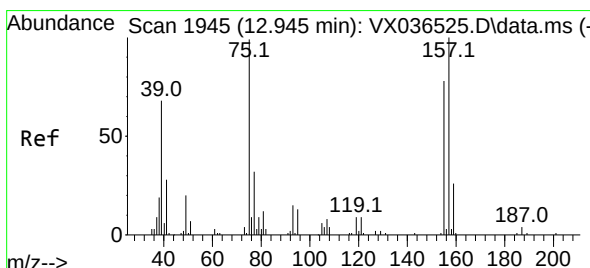
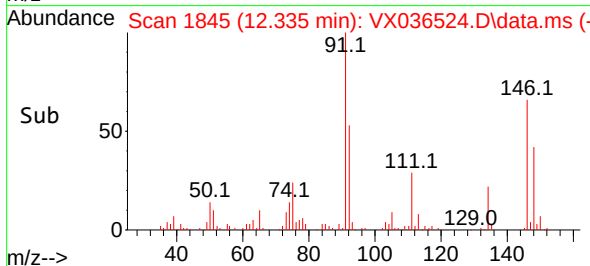
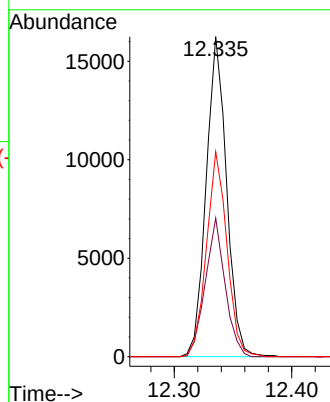
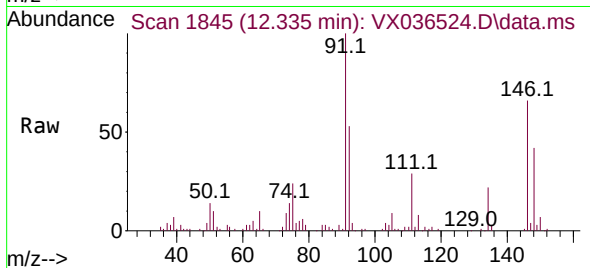
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.931 ug/l

RT: 12.939 min Scan# 1944

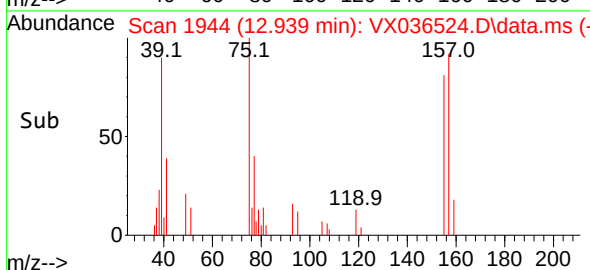
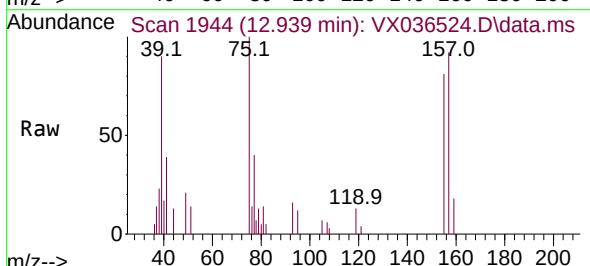
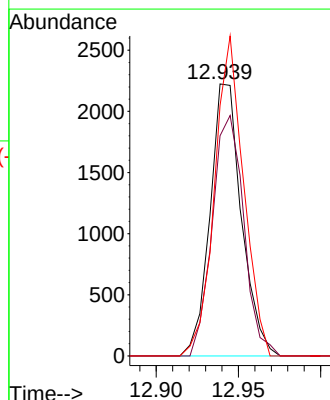
Delta R.T. -0.006 min

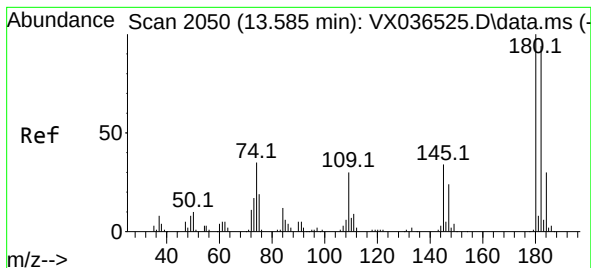
Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Tgt Ion: 75 Resp: 2964

Ion	Ratio	Lower	Upper
75	100		
155	88.2	62.7	94.1
157	108.1	81.5	122.3





#89

1,2,4-Trichlorobenzene

Concen: 4.411 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:180	Resp:	1178
Ion Ratio	Lower	Upper
180	100	
182	96.4	75.6 113.4
145	30.6	25.4 38.2

Manual Integrations

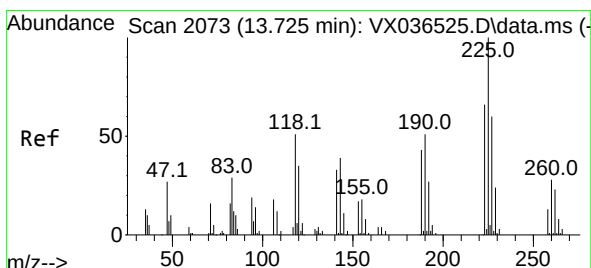
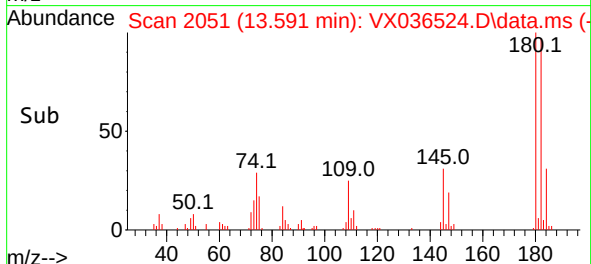
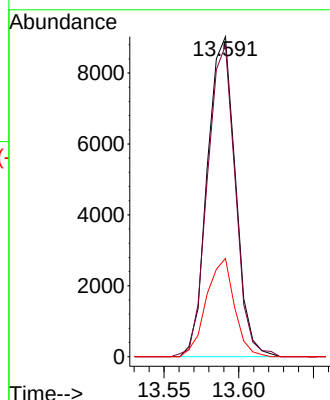
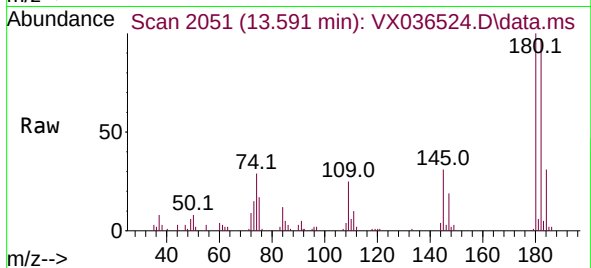
APPROVED

Reviewed By :John
Carlone

07/14/2023

Supervised By :Semsettin
Yesilyurt

07/14/2023



#90

Hexachlorobutadiene

Concen: 4.298 ug/l

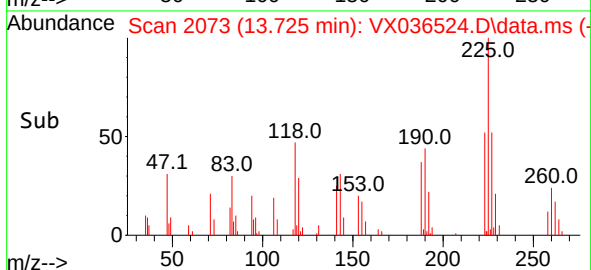
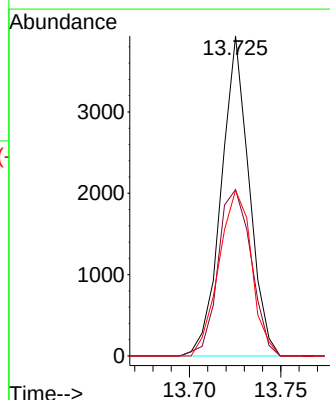
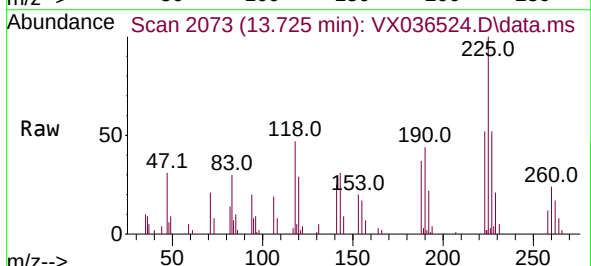
RT: 13.725 min Scan# 2073

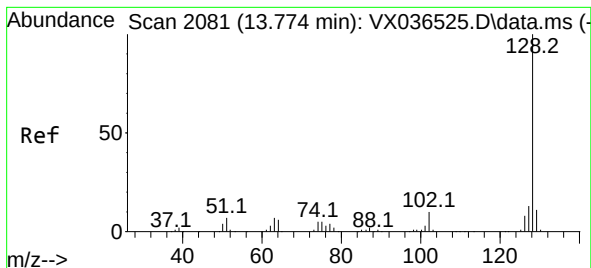
Delta R.T. 0.000 min

Lab File: VX036524.D

Acq: 13 Jul 2023 14:09

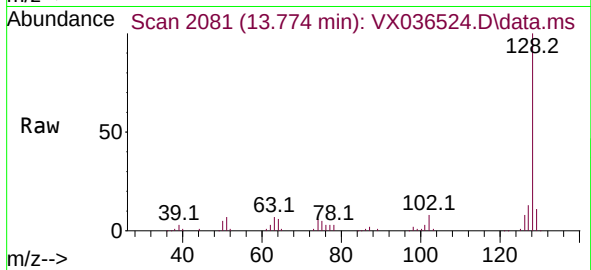
Tgt Ion:225	Resp:	4172
Ion Ratio	Lower	Upper
225	100	
223	62.0	0.0 124.2
227	60.7	0.0 120.4





#91
Naphthalene
Concen: 4.250 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



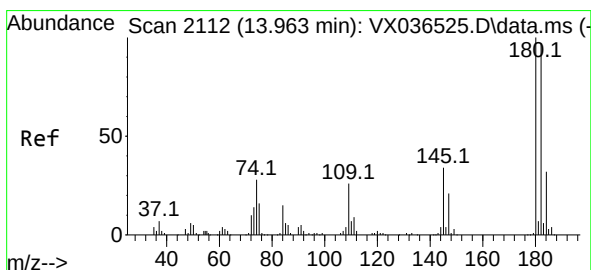
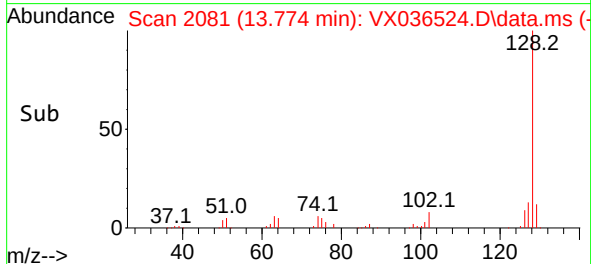
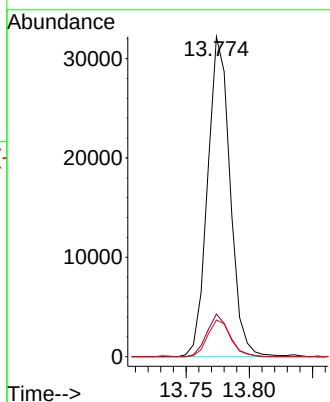
Tgt Ion:128 Resp: 3985
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/14/2023
Supervised By :Semsettin
Yesilyurt

07/14/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.641 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036524.D
Acq: 13 Jul 2023 14:09

Tgt Ion:180 Resp: 12518
Ion Ratio Lower Upper
180 100
182 91.4 0.0 190.6
145 31.3 0.0 66.8

