

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036526.D
 Acq On : 13 Jul 2023 14:56
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Jul 14 02:26:35 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.904	128	31682	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	184905	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	168528	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	79363	30.182	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 100.600%		
60) 4-Bromofluorobenzene	11.079	95	80168	29.326	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 97.767%		
63) Toluene-d8	8.653	98	232557	29.988	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 99.967%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	80876	45.689	ug/l	100
3) Chloromethane	1.300	50	118640	48.989	ug/l	95
4) Vinyl Chloride	1.374	62	118743	47.549	ug/l	100
5) Bromomethane	1.605	94	120263	47.024	ug/l	97
6) Chloroethane	1.685	64	81836	48.145	ug/l	96
7) Trichlorofluoromethane	1.886	101	189254	46.713	ug/l	99
8) Diethyl Ether	2.136	74	82888	49.239	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	82231	44.829	ug/l	97
10) 1,1-Dichloroethene	2.319	96	88825	47.911	ug/l	98
11) Methyl Iodide	2.453	142	112270	53.141	ug/l	99
12) Methyl Acetate	2.703	43	214256	49.165	ug/l	95
13) Acrolein	2.239	56	82072	229.568	ug/l	96
14) Acrylonitrile	3.062	53	302277	247.454	ug/l	97
15) Acetone	2.386	58	82725	239.202	ug/l	97
16) Carbon Disulfide	2.514	76	210398	46.775	ug/l	99
17) Allyl chloride	2.666	41	161473	49.096	ug/l	96
18) Methylene Chloride	2.788	84	108208	48.471	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	98026	48.372	ug/l	93
20) Diisopropyl ether	3.763	45	333524	49.756	ug/l	97
21) 1,1-Dichloroethane	3.611	63	191199	48.925	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	118369	48.533	ug/l	97
23) tert-Butyl Alcohol	2.971	59	134630m	238.359	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	337104	49.999	ug/l	100
25) Chloroform	5.099	83	198659	49.169	ug/l	99
26) Cyclohexane	5.470	56	133598	44.560	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	132001	47.341	ug/l	99
30) 2-Butanone	4.556	43	426963	243.194	ug/l	100
31) 2,2-Dichloropropane	4.477	77	146182	47.807	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	161216	48.658	ug/l	100
33) Carbon Tetrachloride	5.678	117	134511	47.588	ug/l	98
34) Benzene	6.044	78	420442	48.919	ug/l	99
35) Methacrylonitrile	4.922	41	89431	49.098	ug/l	97
36) 1,2-Dichloroethane	6.092	62	160186	48.572	ug/l	100
37) Trichloroethene	7.129	130	111032	49.085	ug/l	96
38) Methylcyclohexane	7.385	83	145761	44.935	ug/l	96
39) 1,2-Dichloropropane	7.434	63	113352	48.654	ug/l	96
40) Dibromomethane	7.586	93	82390	48.824	ug/l	99
41) Bromodichloromethane	7.824	83	149924	48.953	ug/l	100
42) Vinyl Acetate	3.721	43	1331222	251.035	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	169653	49.644	ug/l	99
44) Isopropyl Acetate	6.342	43	270586	49.653	ug/l	99
45) 1,4-Dioxane	7.671	88	60650	982.005	ug/l #	1
46) Methyl methacrylate	7.696	41	130080	49.939	ug/l	93
47) n-amyl Acetate	10.841	43	229858	49.725	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	167855	49.970	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	182390	50.265	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	111422	48.640	ug/l	97
51) Ethyl methacrylate	9.116	69	182829	50.836	ug/l	98
52) 1,3-Dichloropropane	9.311	76	189847	49.108	ug/l	98
53) Dibromochloromethane	9.525	129	115532	49.966	ug/l	99
54) 1,2-Dibromoethane	9.610	107	120931	50.253	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	467329	241.611	ug/l	100
56) Bromoform	10.799	173	80982	50.341	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	859570	246.654	ug/l	99
59) 2-Hexanone	9.433	43	656429	247.596	ug/l	100
61) Tetrachloroethene	9.275	164	96300	47.708	ug/l	96
62) Toluene	8.720	91	458935	48.535	ug/l	99
64) Chlorobenzene	10.079	112	290487	49.346	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	106336	50.016	ug/l	99
66) Ethyl Benzene	10.195	91	501179	48.769	ug/l	97
67) m/p-Xylenes	10.305	106	387904	96.823	ug/l	100
68) o-Xylene	10.640	106	193686	48.712	ug/l	97
69) Styrene	10.659	104	317151	49.196	ug/l	99
70) Isopropylbenzene	10.963	105	478211	48.289	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	175647	48.595	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	166315m	49.884	ug/l	
73) Bromobenzene	11.201	156	120474	49.214	ug/l	98
74) n-propylbenzene	11.305	91	559753	48.023	ug/l	99
75) 2-Chlorotoluene	11.366	91	340788	48.079	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	409014	48.064	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	54873	49.890	ug/l	90
78) 4-Chlorotoluene	11.457	91	387460	48.010	ug/l	99
79) tert-butylbenzene	11.713	119	382067	47.303	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	408370	48.431	ug/l	99
81) sec-Butylbenzene	11.890	105	477568	46.975	ug/l	99
82) p-Isopropyltoluene	12.012	119	402753	47.617	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	218596	48.007	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	219553	48.388	ug/l	99
85) n-Butylbenzene	12.335	91	359400	46.679	ug/l	99
86) Hexachloroethane	12.536	117	67909	48.493	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	220115	48.194	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	39991	49.205	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	140104	48.645	ug/l	99
90) Hexachlorobutadiene	13.725	225	47995	45.878	ug/l	97
91) Naphthalene	13.774	128	500287	49.504	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	138007	47.471	ug/l	99

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

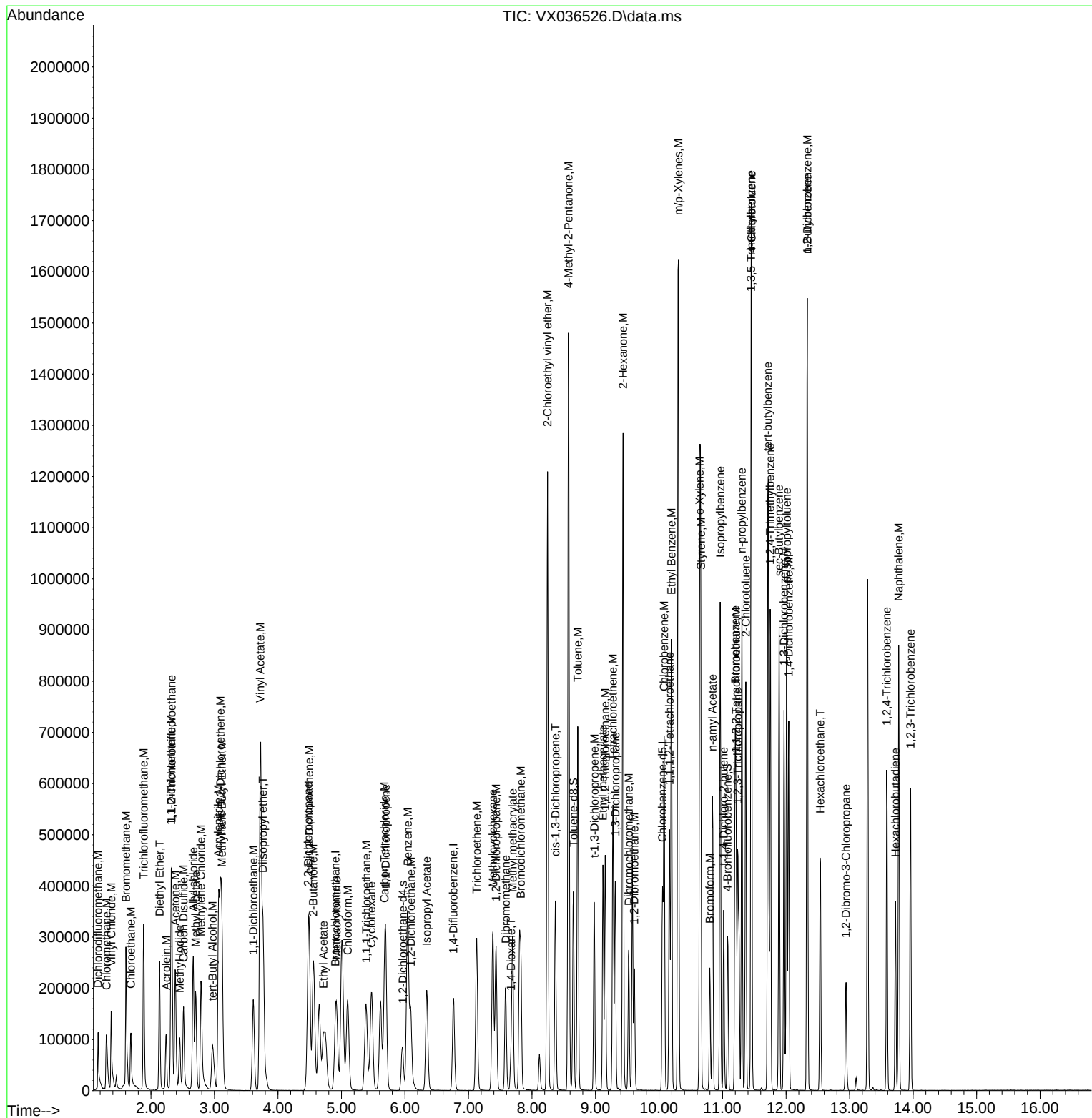
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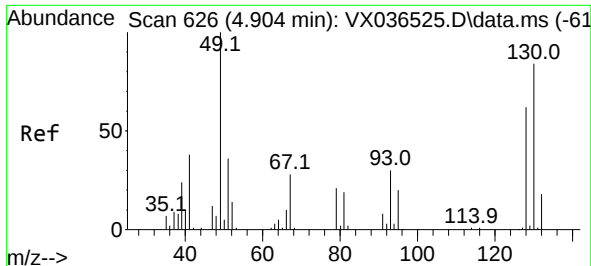
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Manual Integrations
APPROVED

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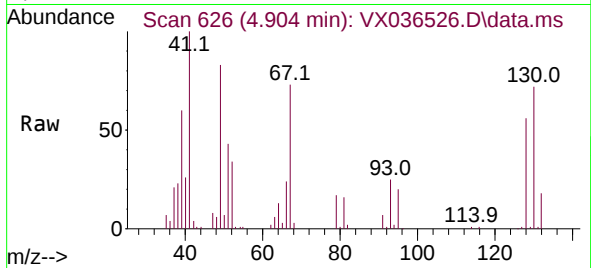
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 14 02:24:12 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

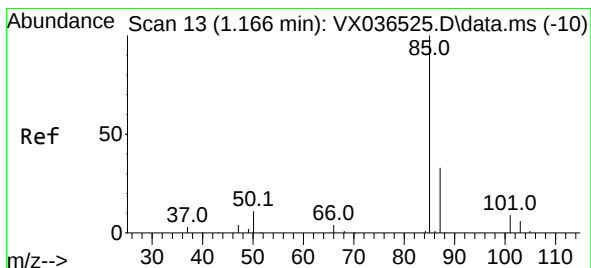
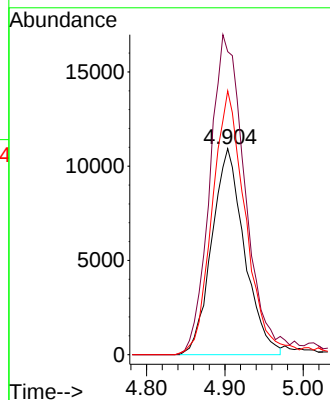
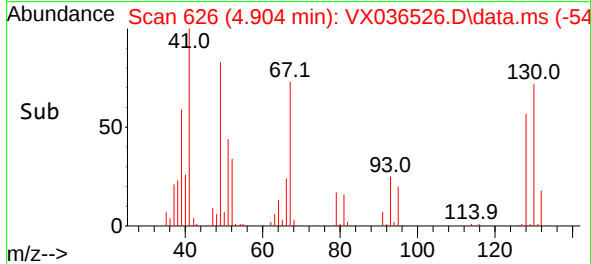
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



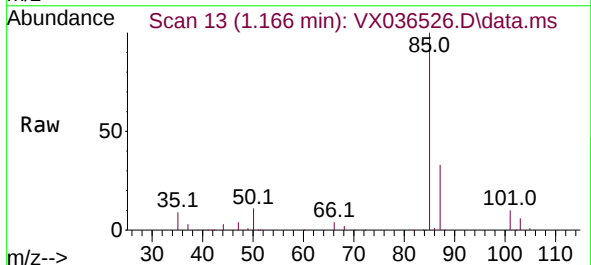
Tgt Ion:128 Resp: 3168
Ion Ratio Lower Upper
128 100
49 164.5 0.0 406.3
130 130.7 0.0 328.0

Manual Integrations
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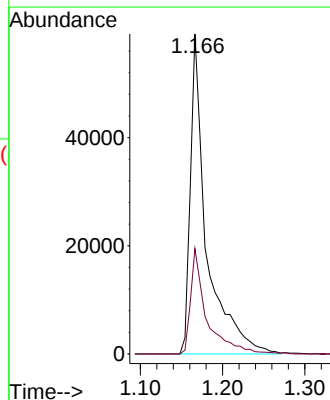
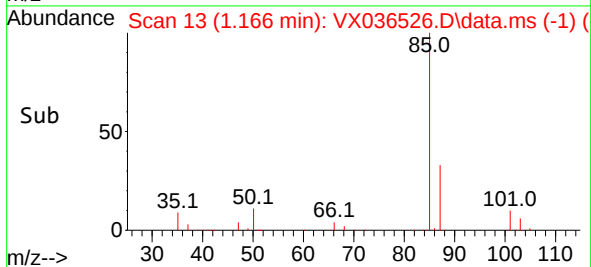
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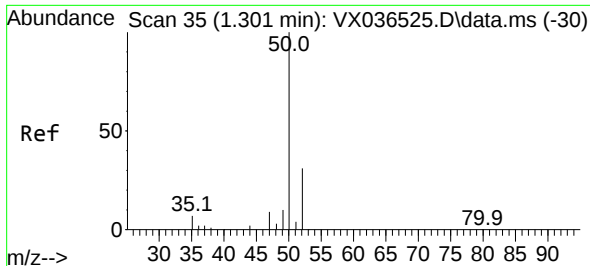


#2
Dichlorodifluoromethane
Concen: 45.689 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



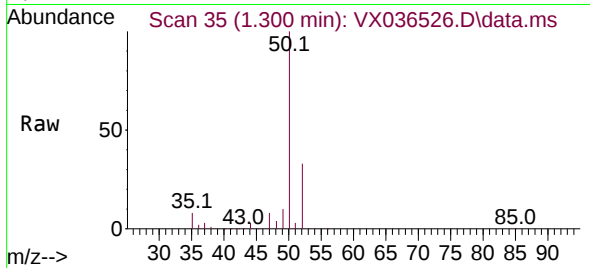
Tgt Ion: 85 Resp: 80876
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.4





#3
Chloromethane
Concen: 48.989 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

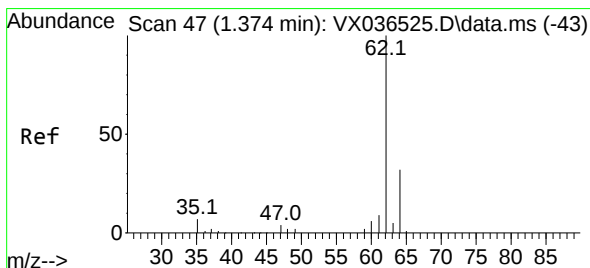
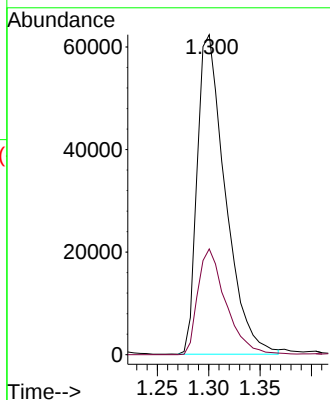
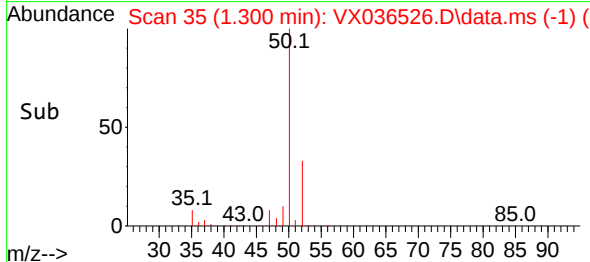
Instrument :
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Tgt Ion: 50 Resp: 118640
Ion Ratio Lower Upper
50 100
52 33.1 24.5 36.7

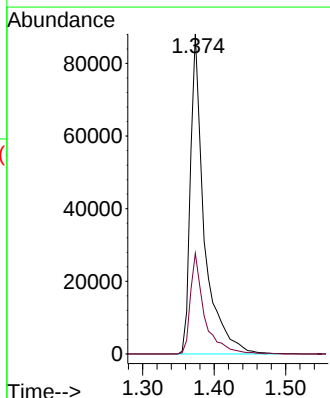
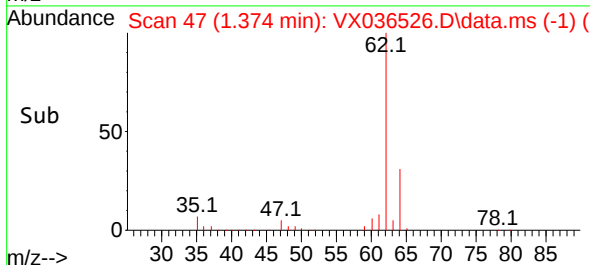
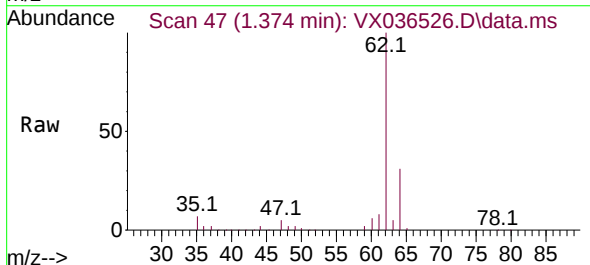
Manual Integrations
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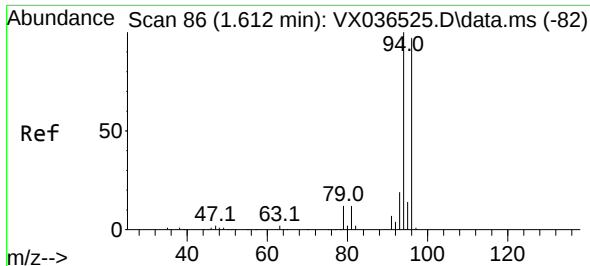
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 47.549 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 62 Resp: 118743
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9





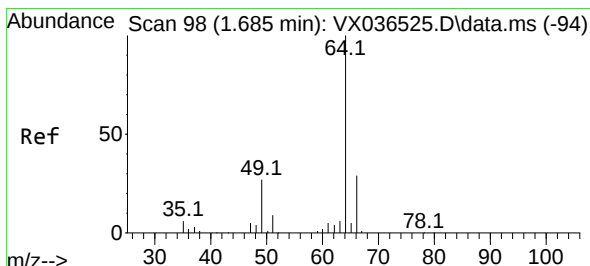
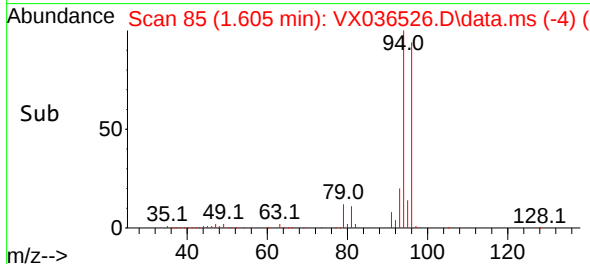
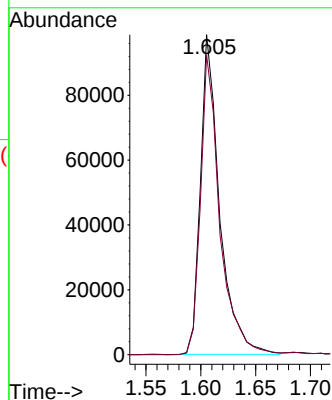
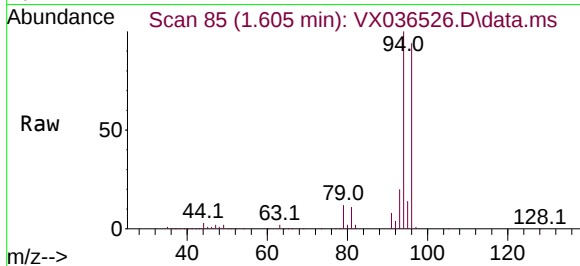
#5
Bromomethane
Concen: 47.024 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 12026
Ion Ratio Lower Upper
94 100
96 93.7 77.4 116.2

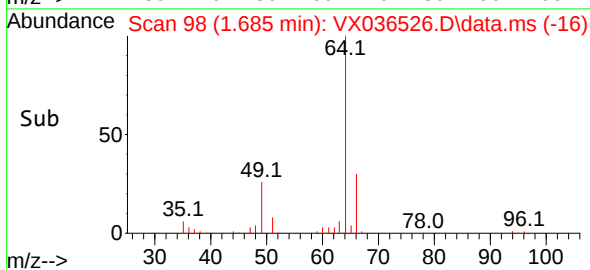
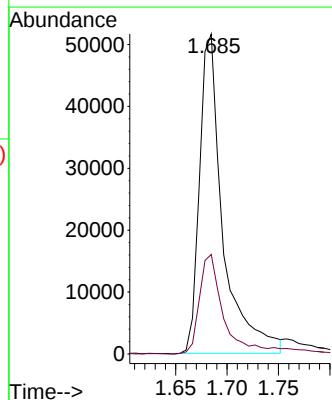
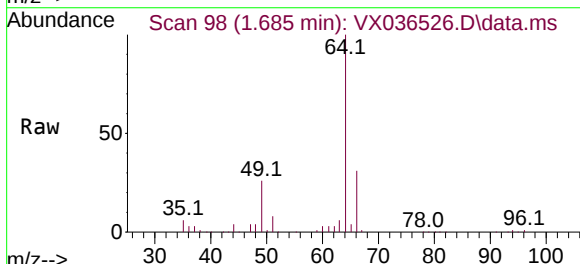
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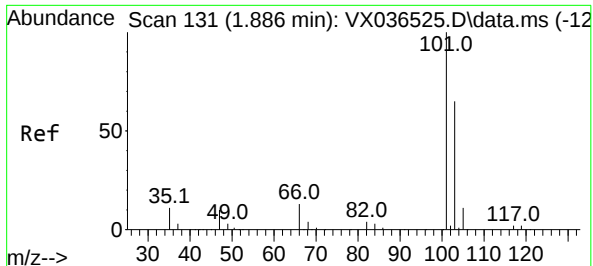
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 48.145 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX036526.D
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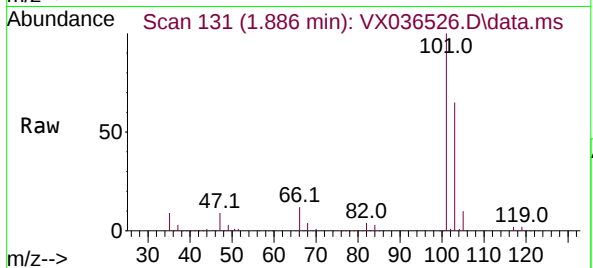
Tgt Ion: 64 Resp: 81836
Ion Ratio Lower Upper
64 100
66 31.0 23.1 34.7





#7
Trichlorofluoromethane
Concen: 46.713 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036526.D
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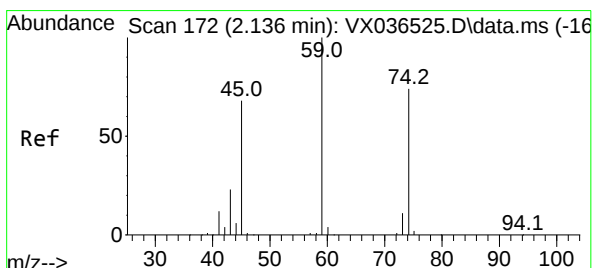
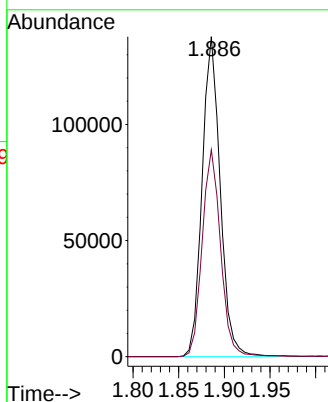
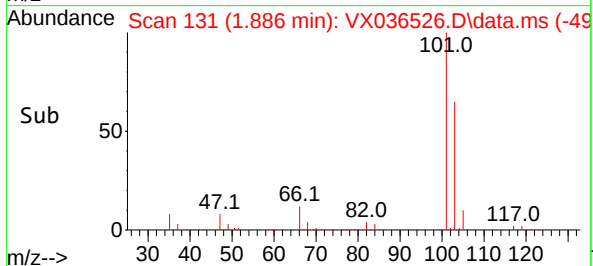
Instrument :
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ClientSampleId :
VSTDICC050



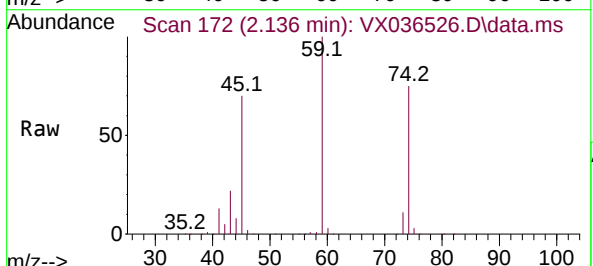
Tgt Ion:101 Resp: 189254
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

Manual Integrations
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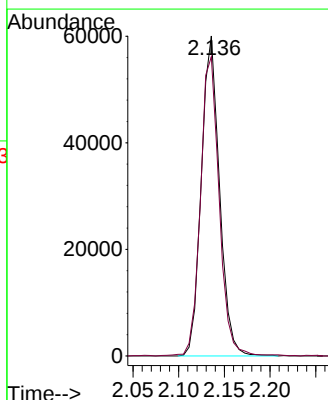
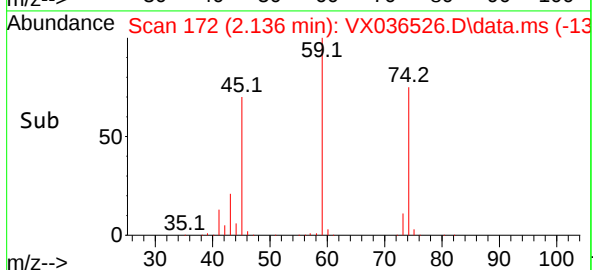
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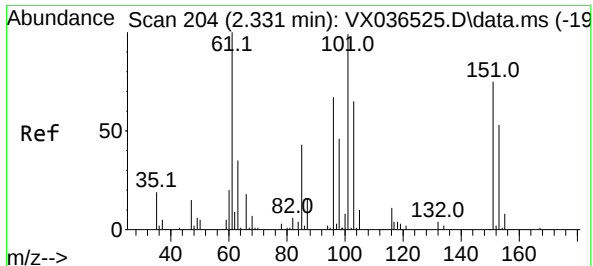


#8
Diethyl Ether
Concen: 49.239 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 82888
Ion Ratio Lower Upper
74 100
45 95.7 19.9 178.9





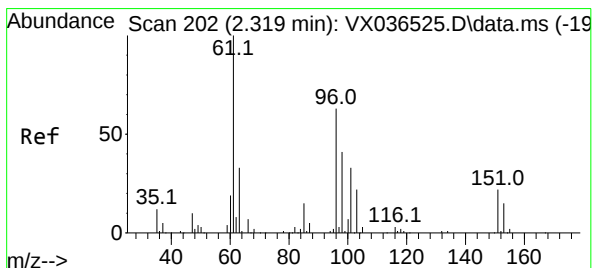
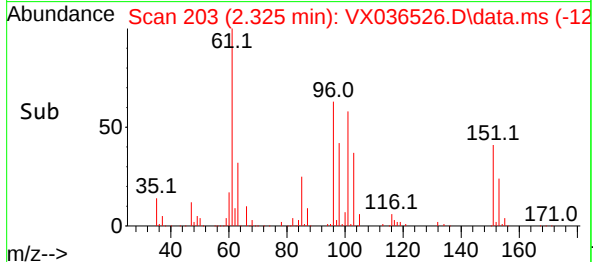
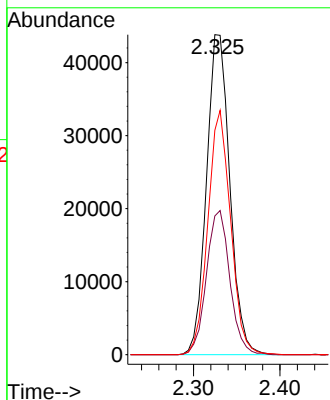
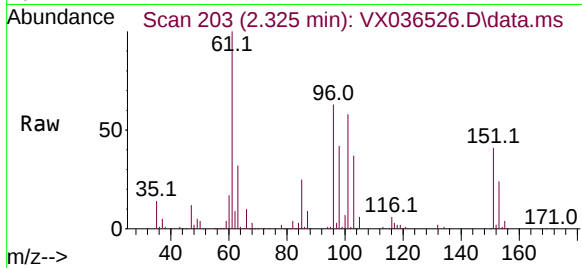
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1,1,2-Trichlorotrifluoroethane
Concen: 44.829 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036526.D
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MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 8223
Ion Ratio Lower Upper
101 100
85 45.1 0.0 91.0
151 74.3 0.0 155.4

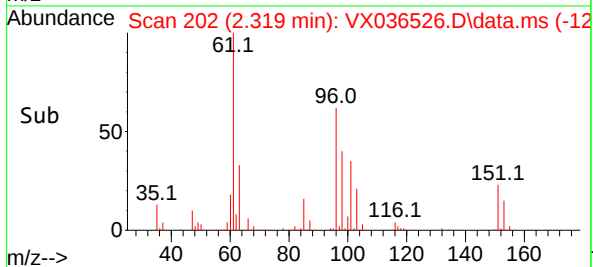
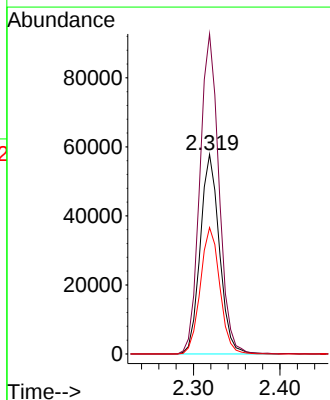
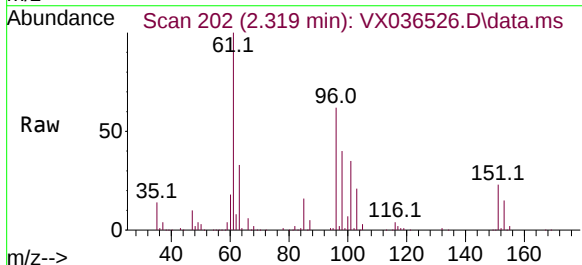
Manual Integrations
APPROVED

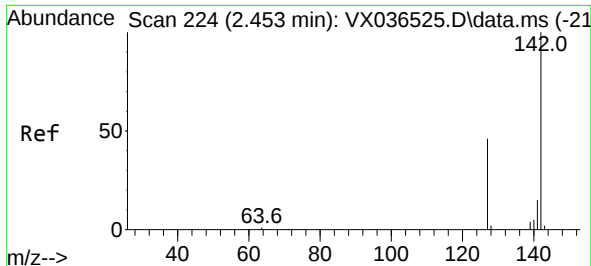
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 47.911 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 96 Resp: 88825
Ion Ratio Lower Upper
96 100
61 160.3 127.2 190.8
98 63.4 52.7 79.1





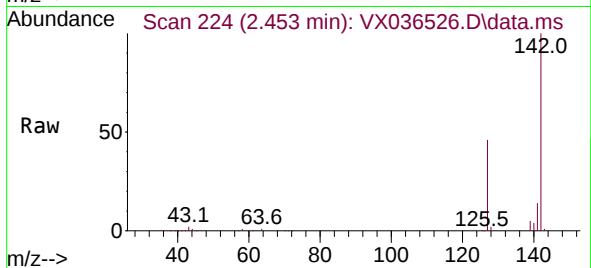
#11
Methyl Iodide
Concen: 53.141 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



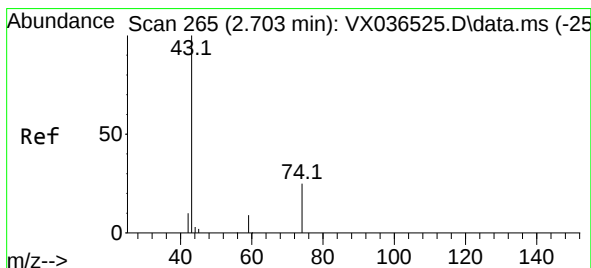
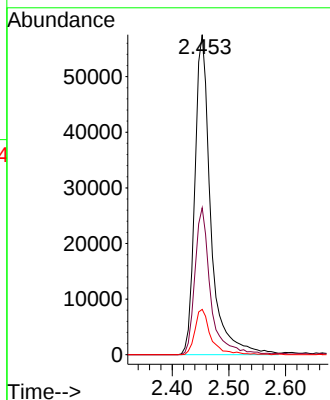
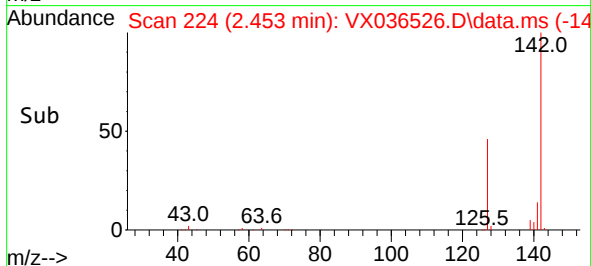
Tgt Ion:142 Resp: 112270
Ion Ratio Lower Upper
142 100
127 45.8 22.9 68.8
141 14.1 7.5 22.6

Manual Integrations

APPROVED

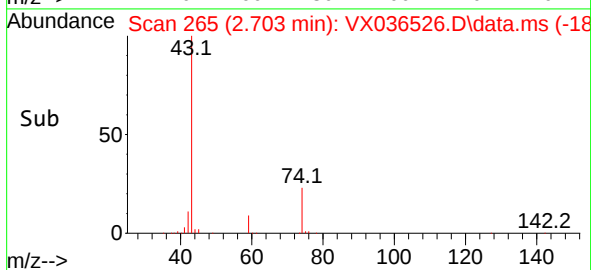
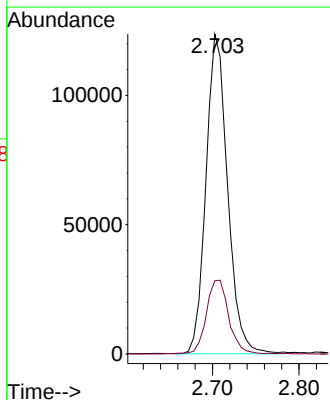
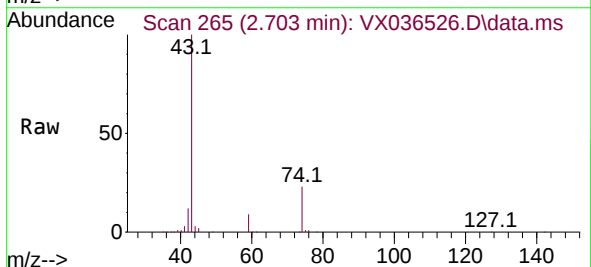
Reviewed By :John Carlone 07/14/2023

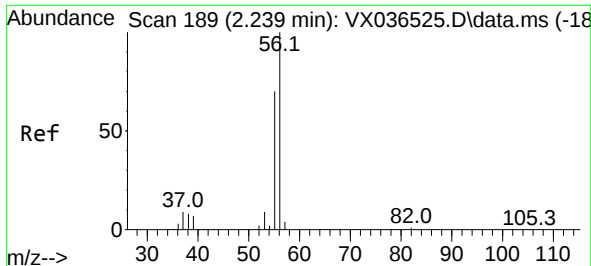
Supervised By :Semsettin Yesilyurt 07/14/2023



#12
Methyl Acetate
Concen: 49.165 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

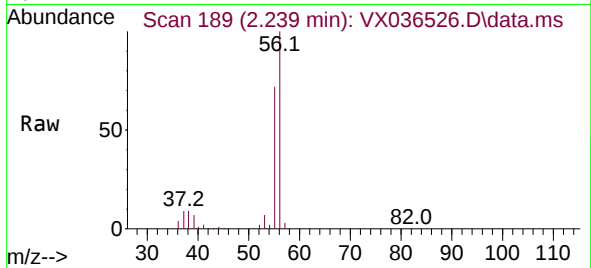
Tgt Ion: 43 Resp: 214256
Ion Ratio Lower Upper
43 100
74 22.8 20.3 30.5





#13
Acrolein
Concen: 229.568 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

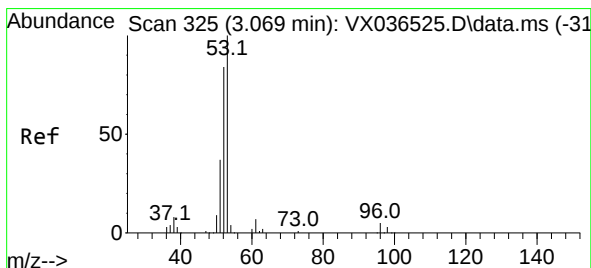
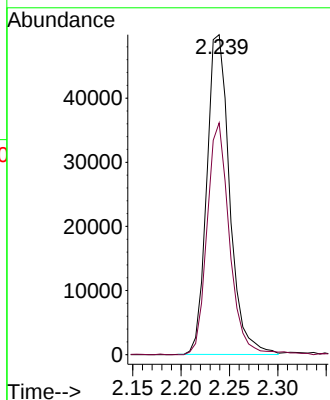
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 82072
Ion Ratio Lower Upper
56 100
55 71.2 59.7 89.5

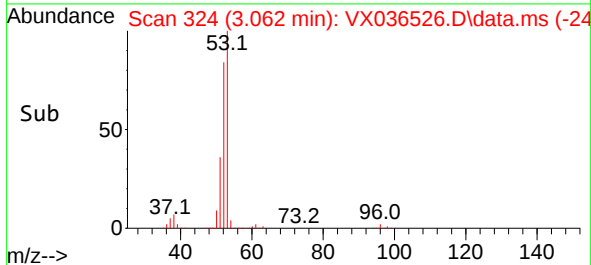
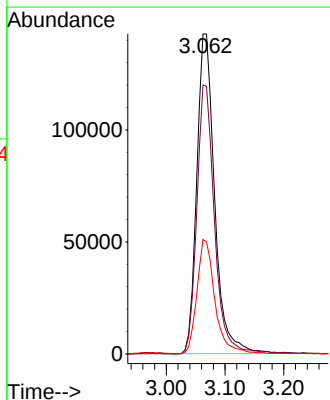
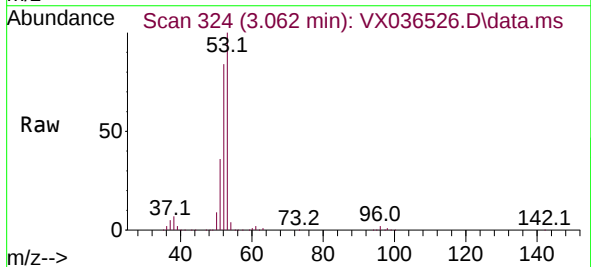
Manual Integrations
APPROVED

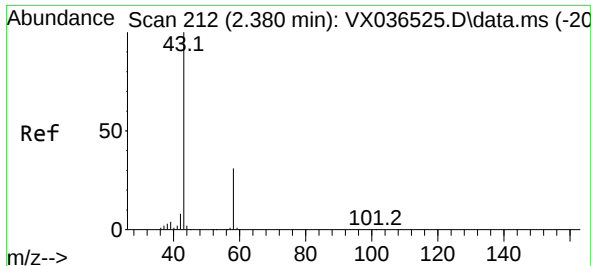
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Acrylonitrile
Concen: 247.454 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 53 Resp: 302277
Ion Ratio Lower Upper
53 100
52 82.9 40.0 119.9
51 35.9 18.2 54.6





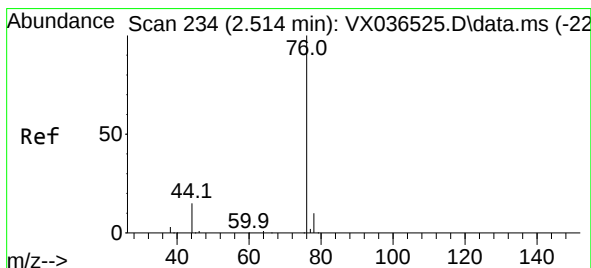
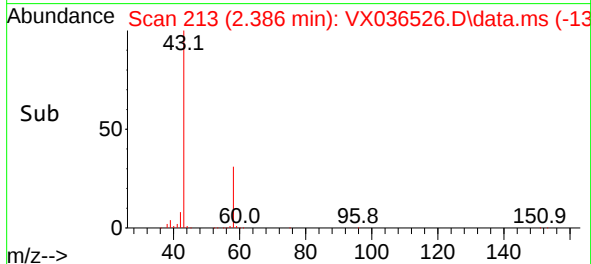
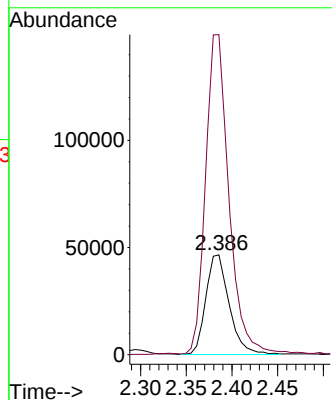
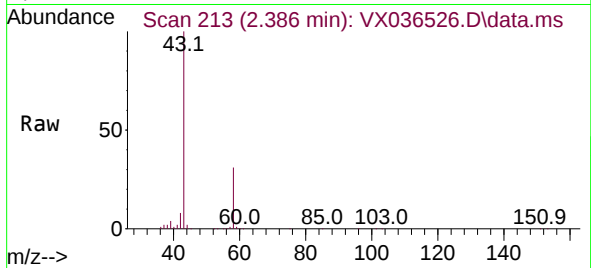
#15
Acetone
Concen: 239.202 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 58 Resp: 82725
Ion Ratio Lower Upper
58 100
43 320.2 261.0 391.4

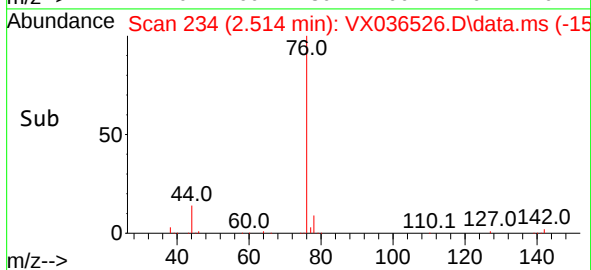
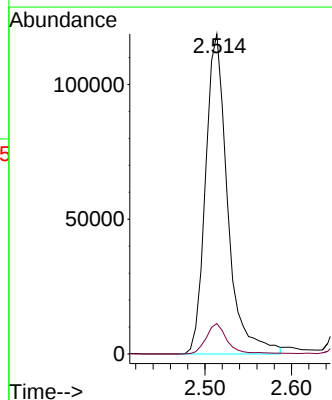
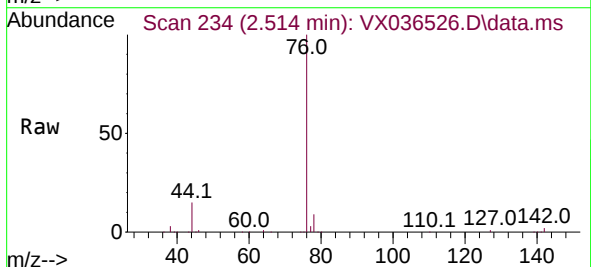
Manual Integrations
APPROVED

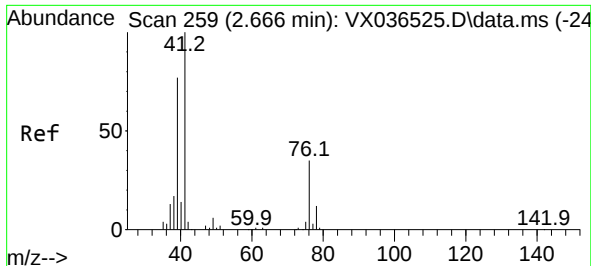
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#16
Carbon Disulfide
Concen: 46.775 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 76 Resp: 210398
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17

Allyl chloride

Concen: 49.096 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 16147

Ion Ratio Lower Upper

41 100

39 74.8 38.5 115.3

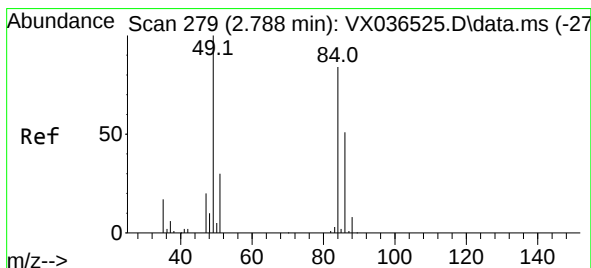
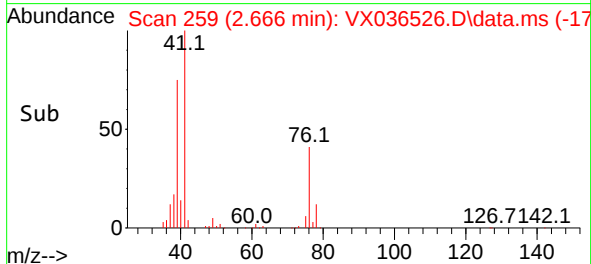
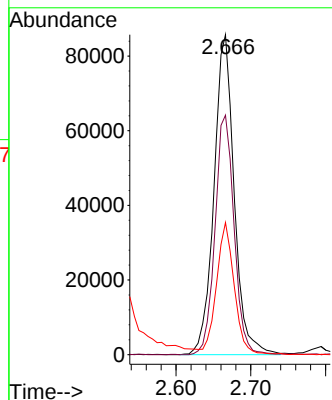
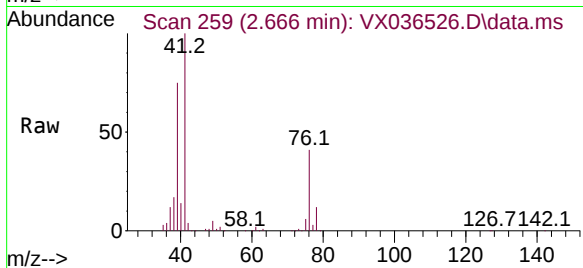
76 40.9 18.6 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#18

Methylene Chloride

Concen: 48.471 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Tgt Ion: 84 Resp: 108208

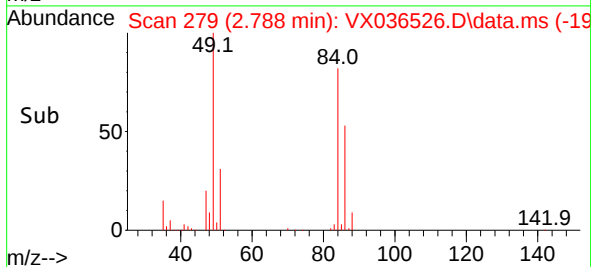
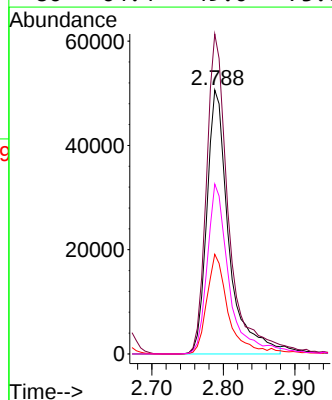
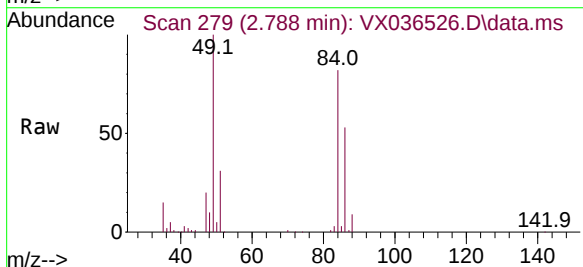
Ion Ratio Lower Upper

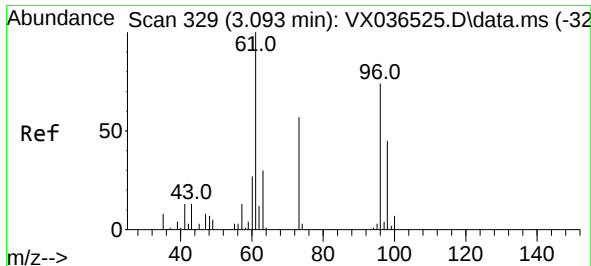
84 100

49 121.2 95.4 143.0

51 37.8 28.3 42.5

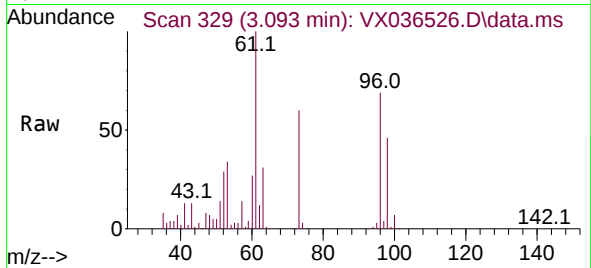
86 64.4 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 48.372 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

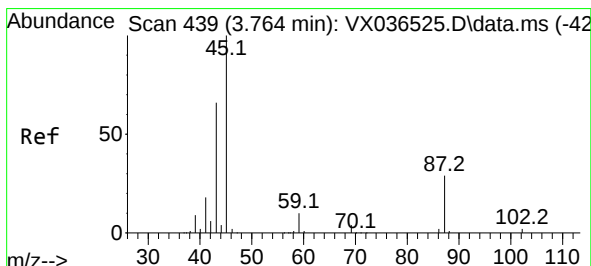
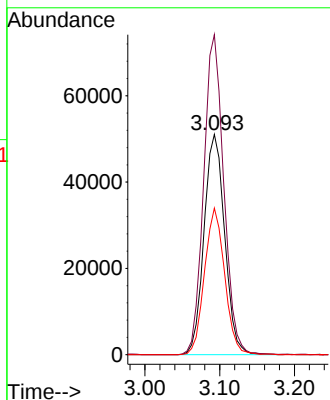
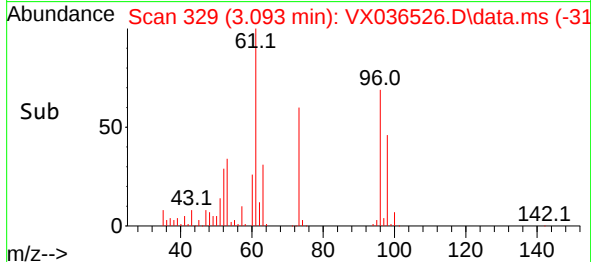
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 98020
Ion Ratio Lower Upper
96 100
61 145.3 108.7 163.1
98 66.5 49.1 73.7

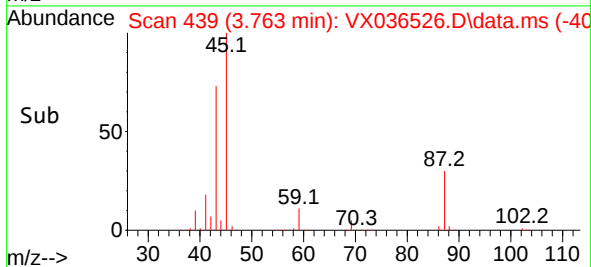
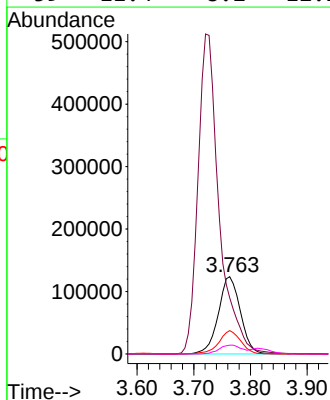
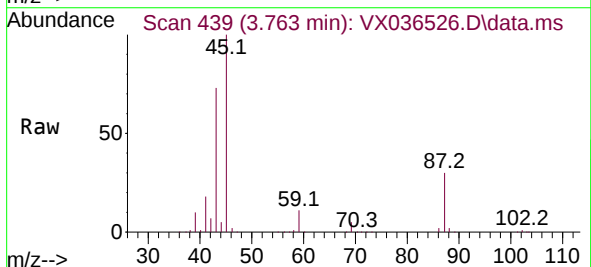
Manual Integrations
APPROVED

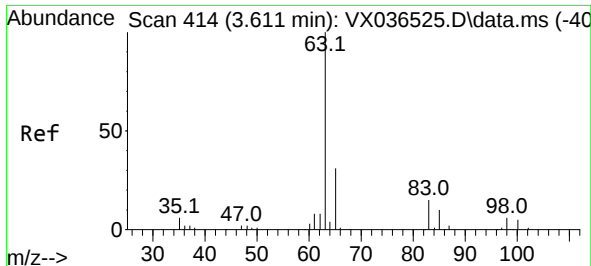
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#20
Diisopropyl ether
Concen: 49.756 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 45 Resp: 333524
Ion Ratio Lower Upper
45 100
43 72.4 55.8 83.6
87 30.2 23.0 34.4
59 11.4 8.2 12.2





#21

1,1-Dichloroethane

Concen: 48.925 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 191199

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

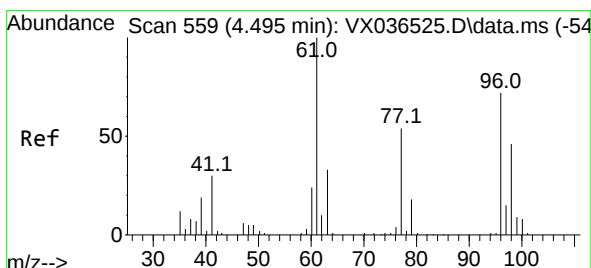
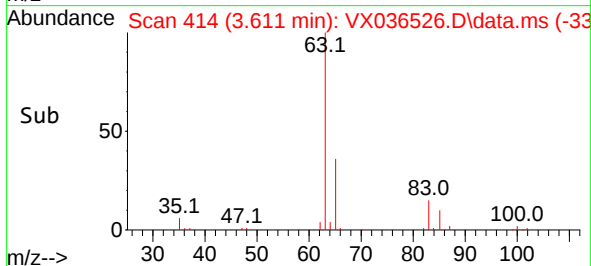
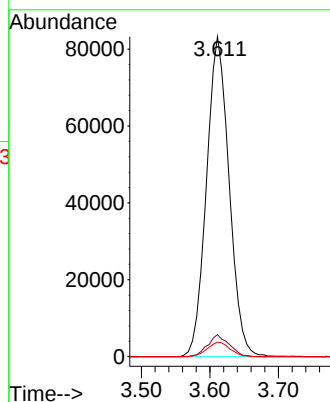
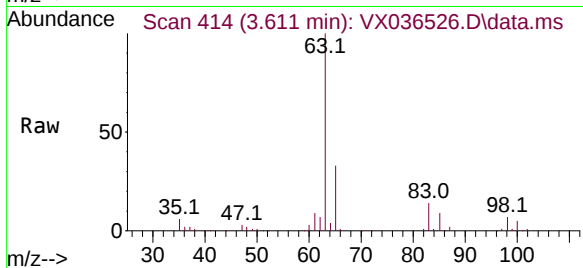
100 4.6 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#22

cis-1,2-Dichloroethene

Concen: 48.533 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

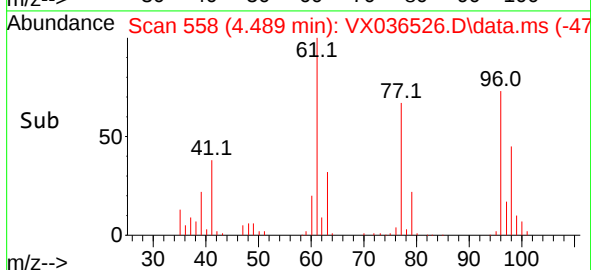
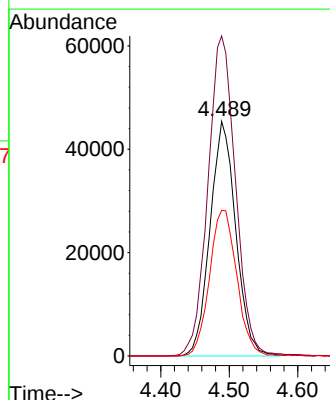
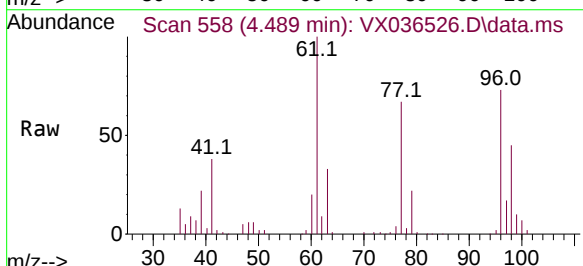
Tgt Ion: 96 Resp: 118369

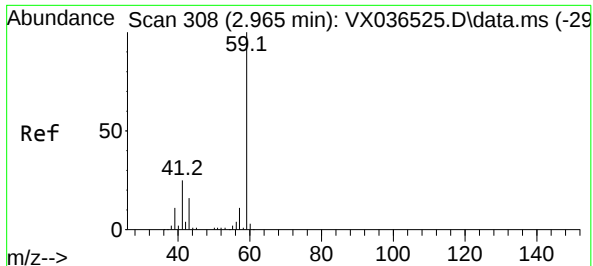
Ion Ratio Lower Upper

96 100

61 146.1 114.0 171.0

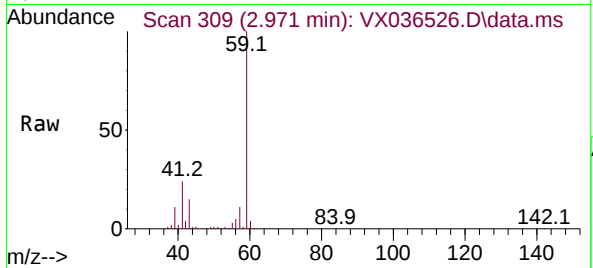
98 65.9 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 238.359 ug/l m
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

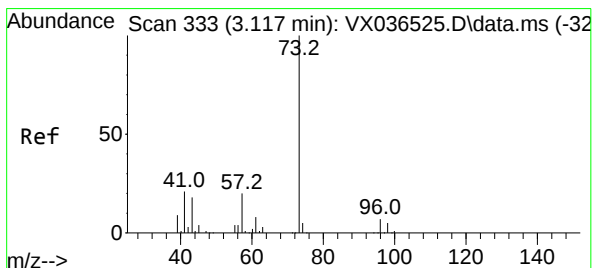
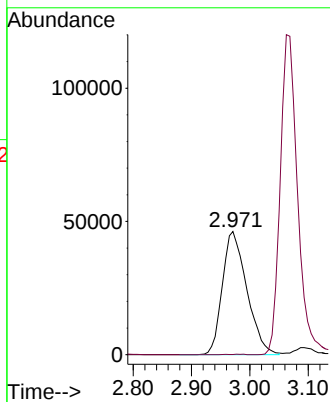
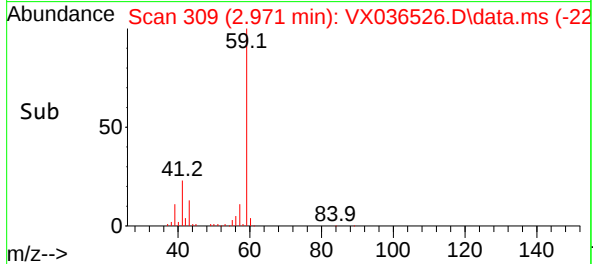
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 134630
Ion Ratio Lower Upper
59 100
52 0.2 142.6 213.8

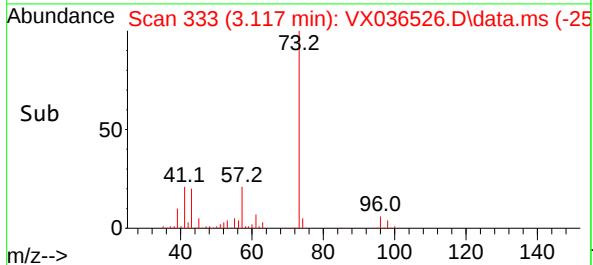
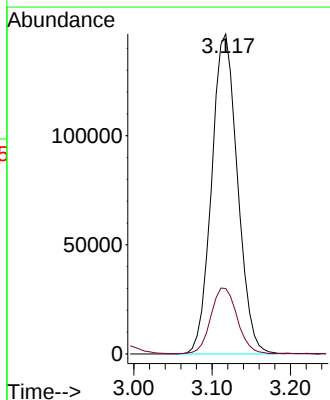
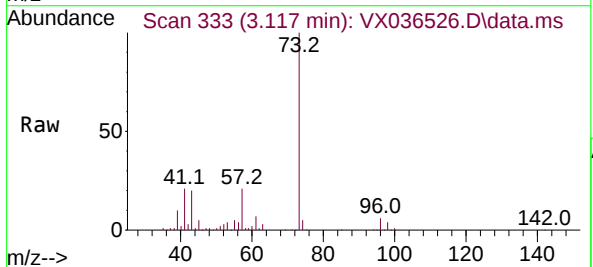
Manual Integrations
APPROVED

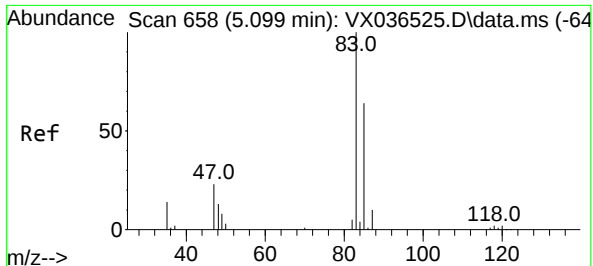
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 49.999 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 73 Resp: 337104
Ion Ratio Lower Upper
73 100
43 21.1 16.8 25.2





#25

Chloroform

Concen: 49.169 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 198659

Ion Ratio Lower Upper

83 100

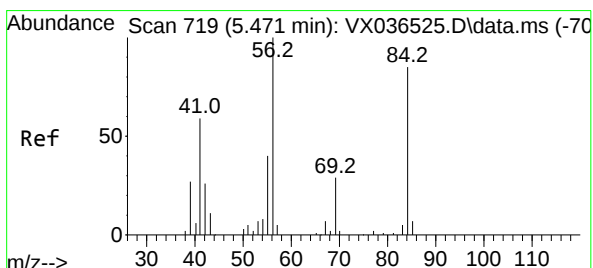
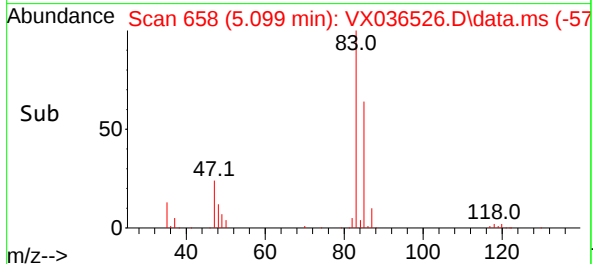
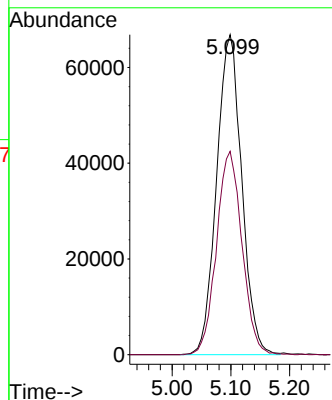
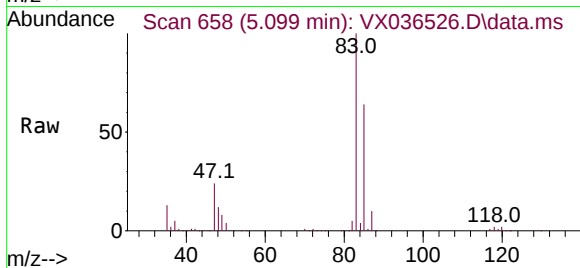
85 63.5 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#26

Cyclohexane

Concen: 44.560 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

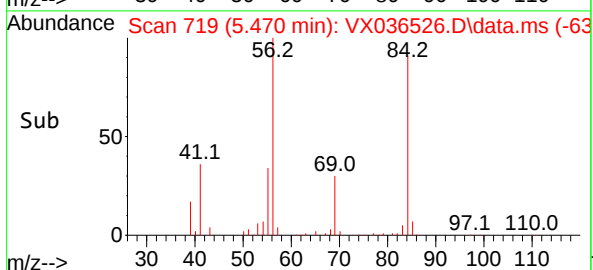
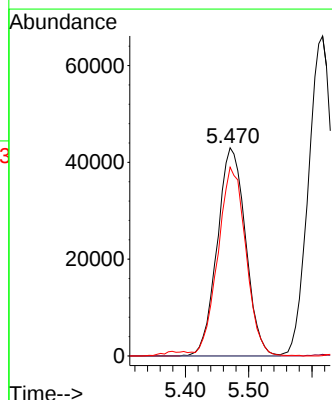
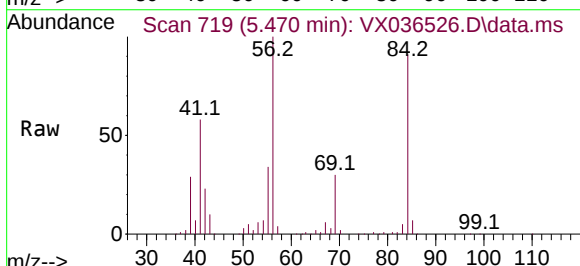
Tgt Ion: 56 Resp: 133598

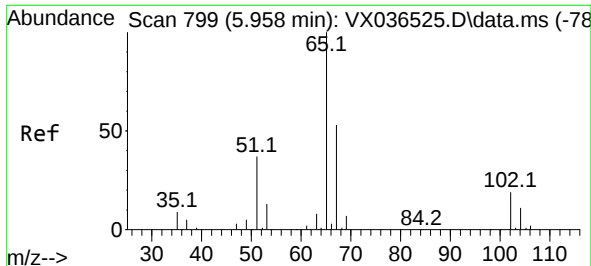
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.6 71.4 107.2





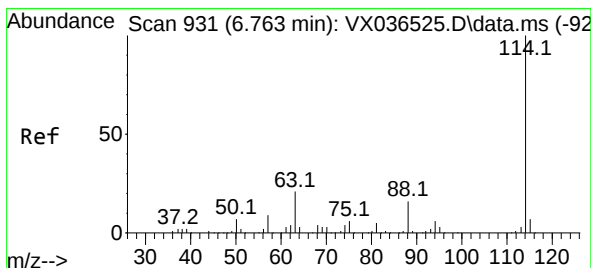
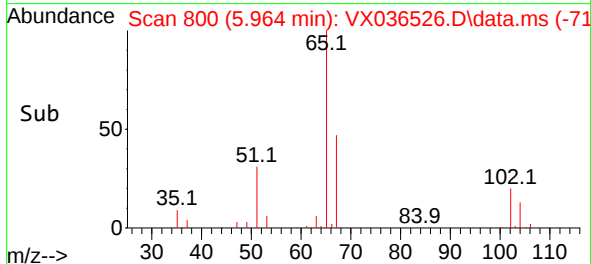
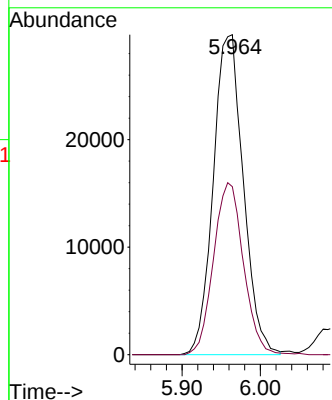
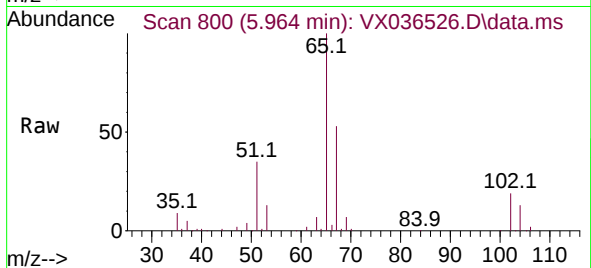
#27
1,2-Dichloroethane-d4
Concen: 30.182 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 7936
Ion Ratio Lower Upper
65 100
67 53.4 42.1 63.1

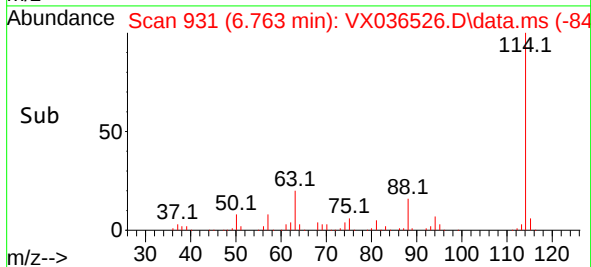
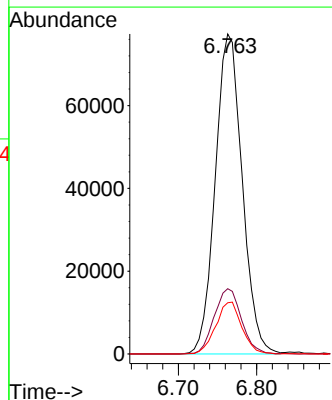
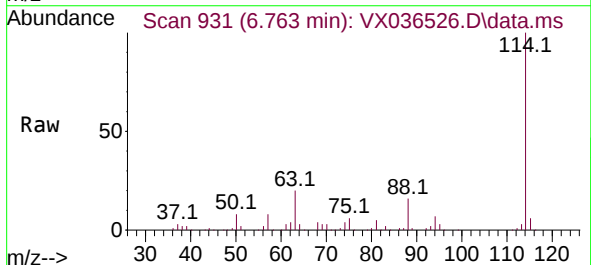
Manual Integrations
APPROVED

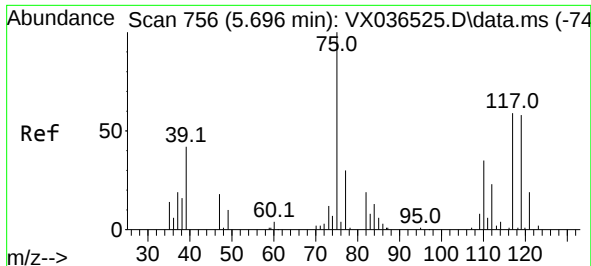
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion:114 Resp: 184905
Ion Ratio Lower Upper
114 100
63 20.6 16.6 24.8
88 15.7 12.9 19.3





#29

1,1-Dichloropropene

Concen: 47.341 ug/l

RT: 5.696 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 13200

Ion Ratio Lower Upper

75 100

110 36.3 0.0 70.4

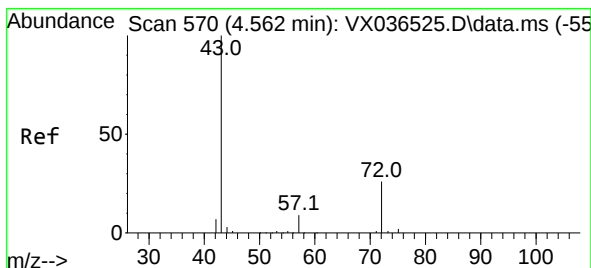
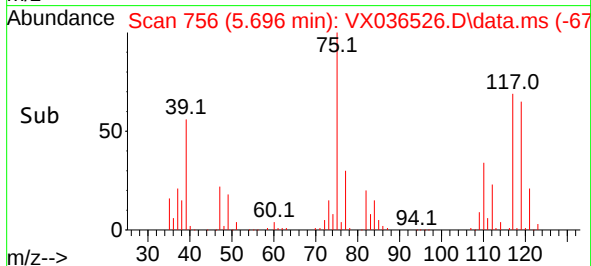
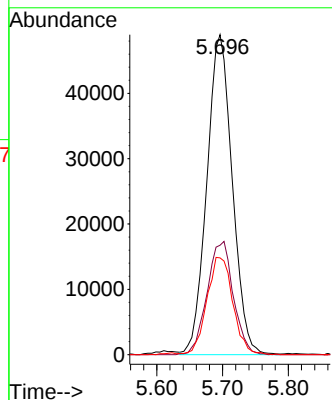
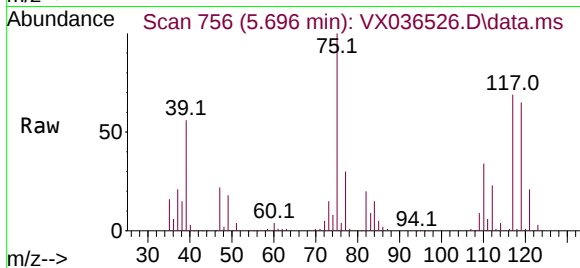
77 31.1 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

2-Butanone

Concen: 243.194 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

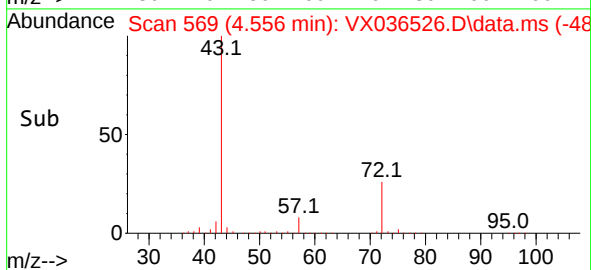
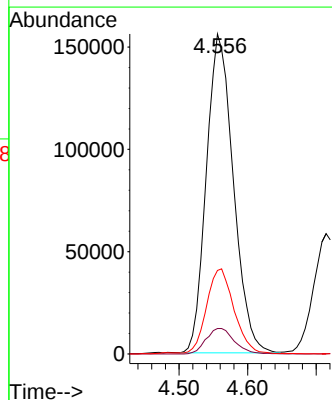
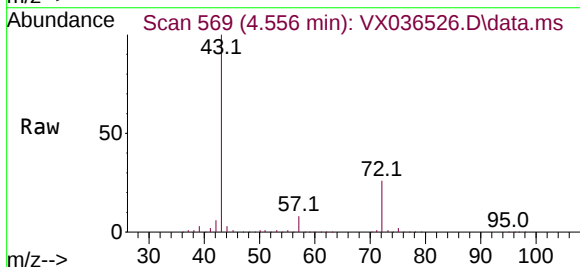
Tgt Ion: 43 Resp: 426963

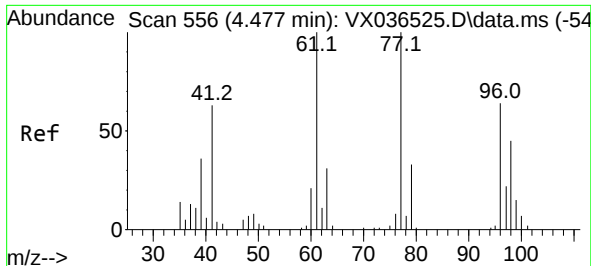
Ion Ratio Lower Upper

43 100

57 8.3 6.4 9.6

72 26.8 21.6 32.4





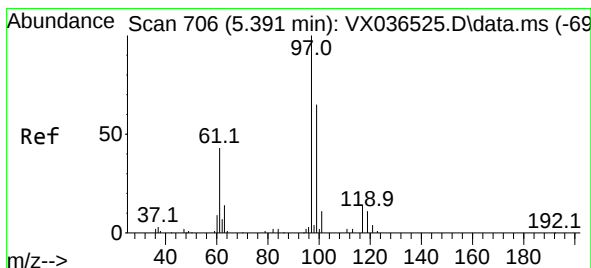
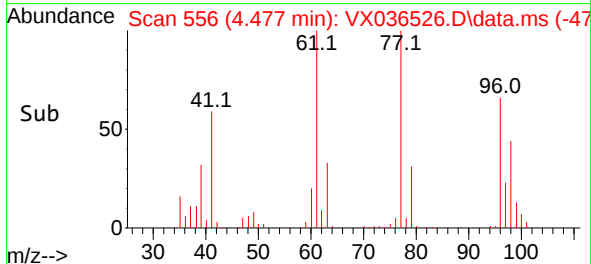
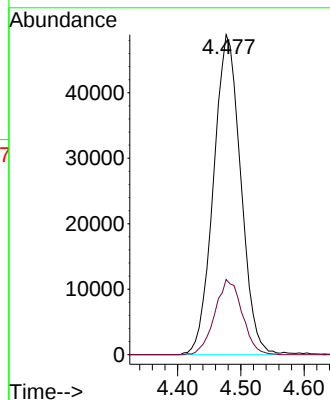
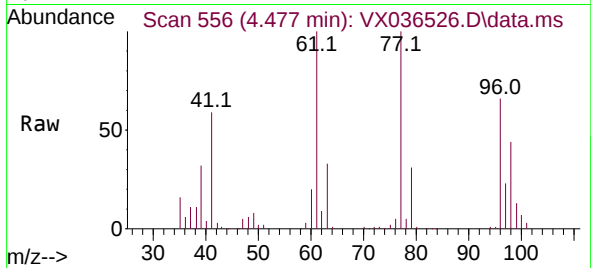
#31
2,2-Dichloropropane
Concen: 47.807 ug/l
RT: 4.477 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 14618
Ion Ratio Lower Upper
77 100
97 23.5 18.6 27.8

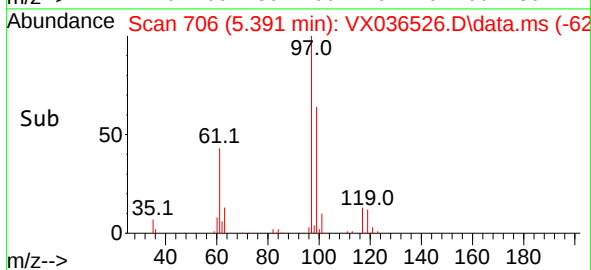
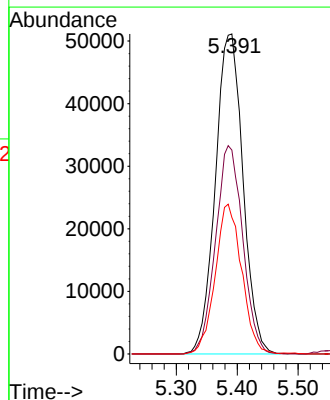
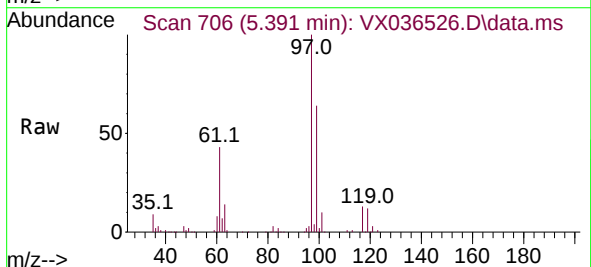
Manual Integrations
APPROVED

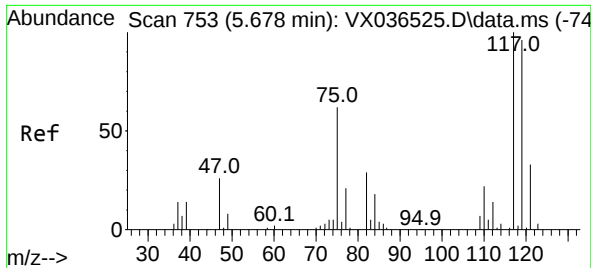
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 48.658 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

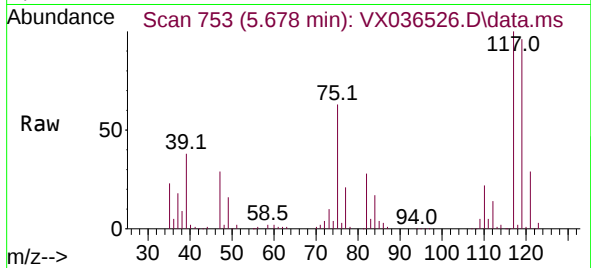
Tgt Ion: 97 Resp: 161216
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 44.8 35.8 53.8





#33
Carbon Tetrachloride
Concen: 47.588 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

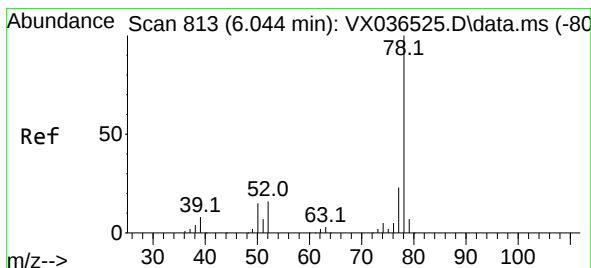
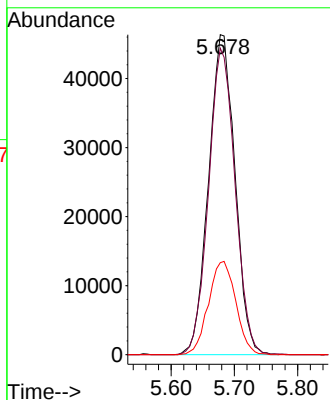
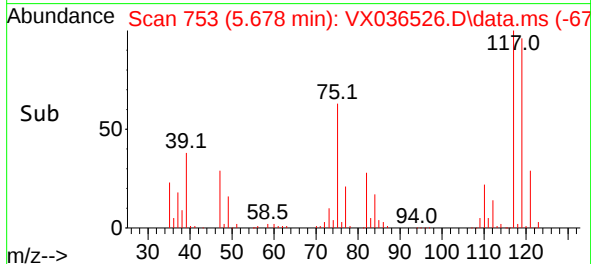
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



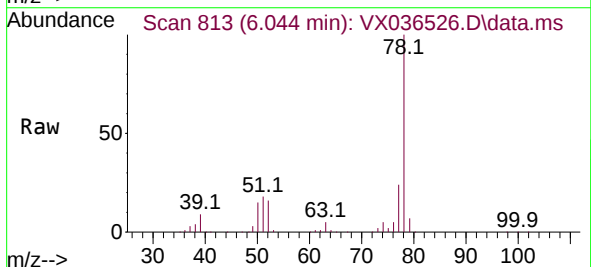
Tgt Ion:117 Resp: 13451
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0
121 28.8 26.5 39.7

Manual Integrations
APPROVED

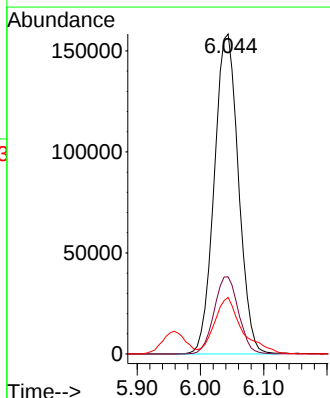
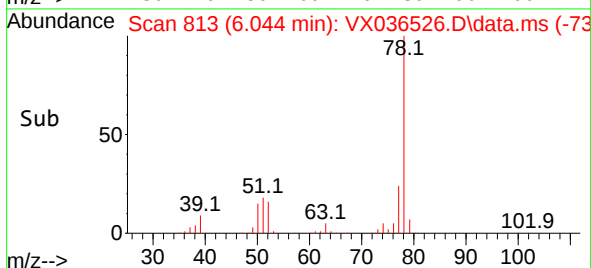
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

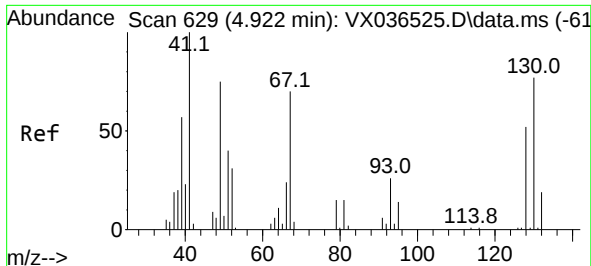


#34
Benzene
Concen: 48.919 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



Tgt Ion: 78 Resp: 420442
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1
51 17.1 14.2 21.4





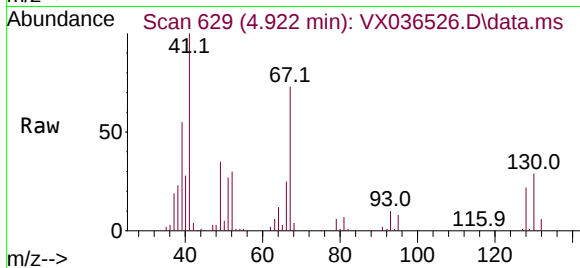
#35
Methacrylonitrile
Concen: 49.098 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



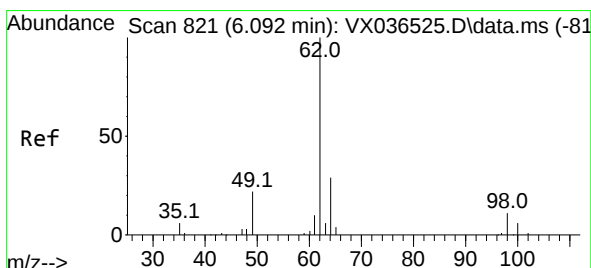
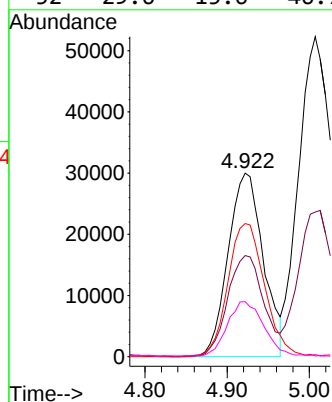
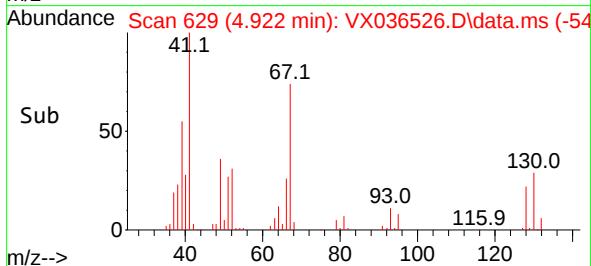
Tgt Ion: 41 Resp: 8943
Ion Ratio Lower Upper
41 100
39 55.1 28.2 84.7
67 72.5 35.0 105.1
52 29.6 15.6 46.7

Manual Integrations

APPROVED

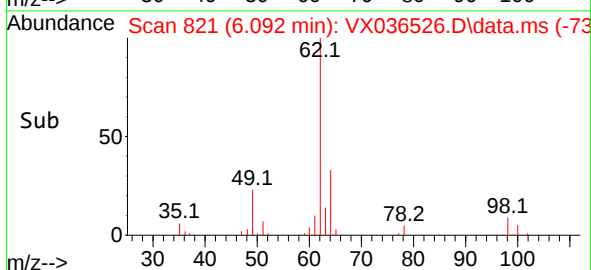
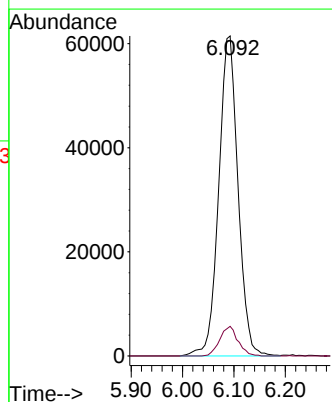
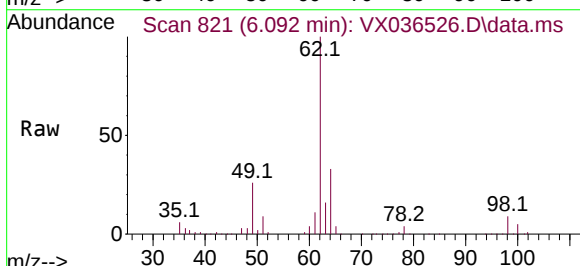
Reviewed By :John Carlone 07/14/2023

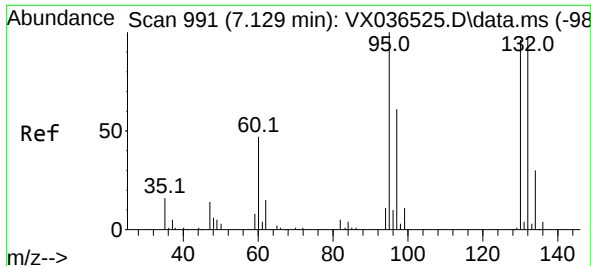
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,2-Dichloroethane
Concen: 48.572 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

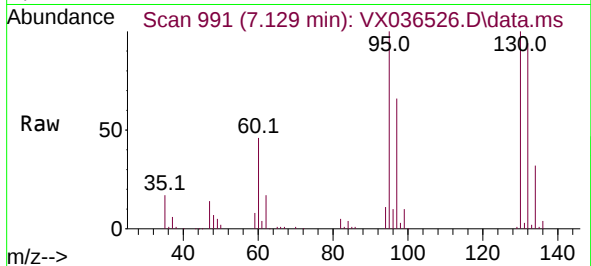
Tgt Ion: 62 Resp: 160186
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.6





#37
Trichloroethene
Concen: 49.085 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

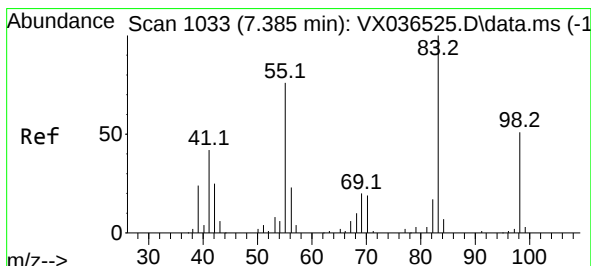
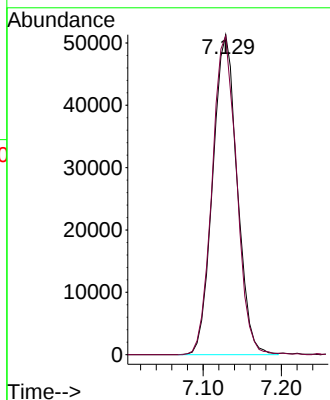
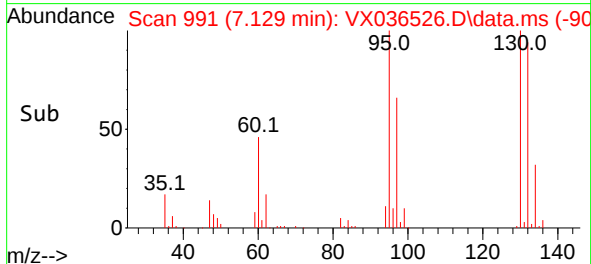
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



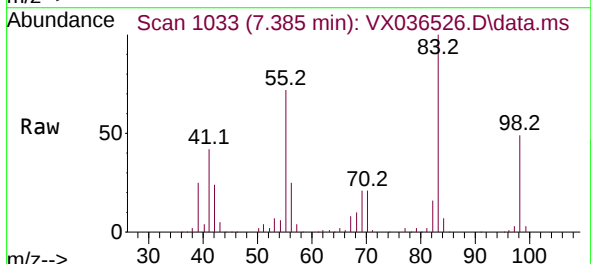
Tgt Ion:130 Resp: 111032
Ion Ratio Lower Upper
130 100
95 99.6 83.2 124.8

Manual Integrations
APPROVED

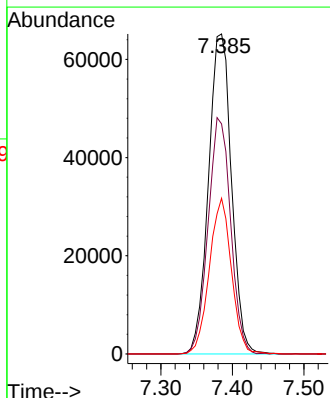
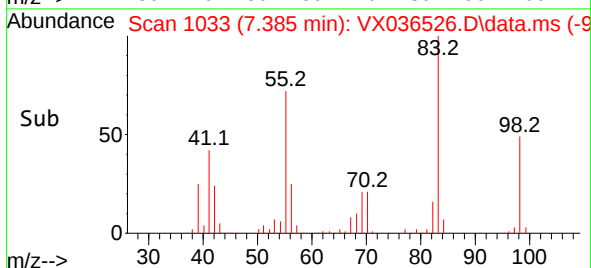
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

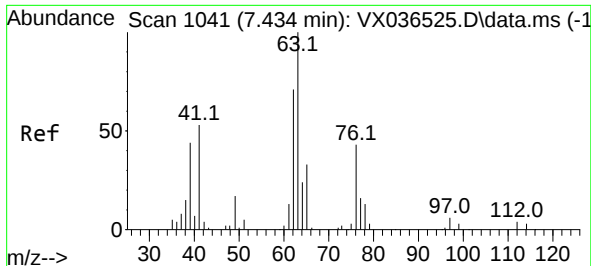


#38
Methylcyclohexane
Concen: 44.935 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



Tgt Ion: 83 Resp: 145761
Ion Ratio Lower Upper
83 100
55 72.3 38.1 114.5
98 46.6 24.4 73.4





#39

1,2-Dichloropropane

Concen: 48.654 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 113352

Ion Ratio Lower Upper

63 100

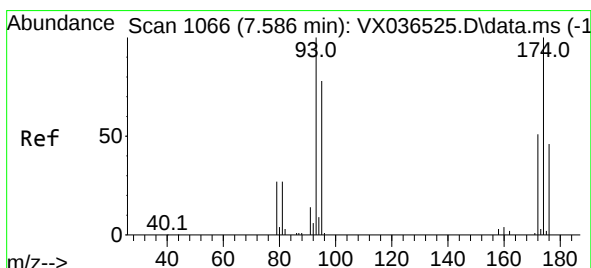
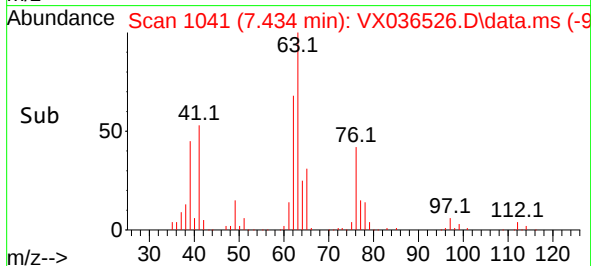
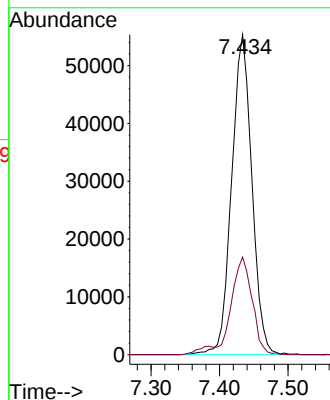
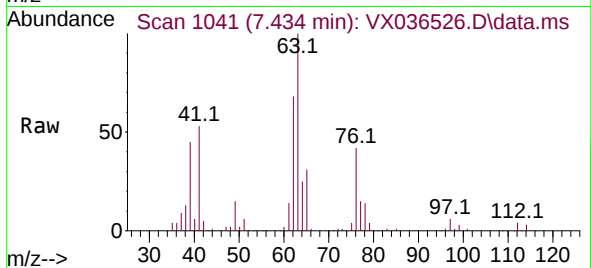
65 30.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 48.824 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

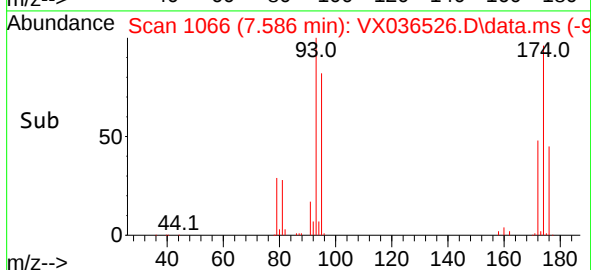
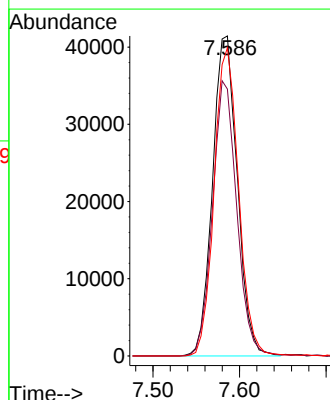
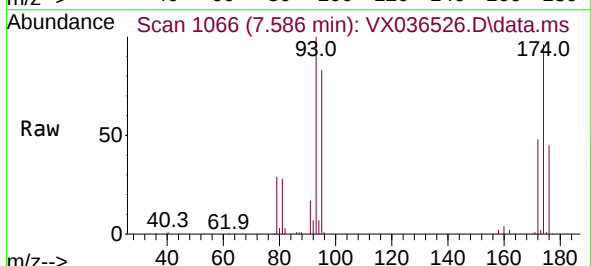
Tgt Ion: 93 Resp: 82390

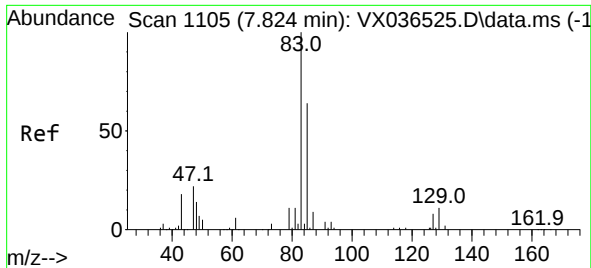
Ion Ratio Lower Upper

93 100

95 84.2 0.0 166.8

174 95.0 0.0 191.6





#41
Bromodichloromethane
Concen: 48.953 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

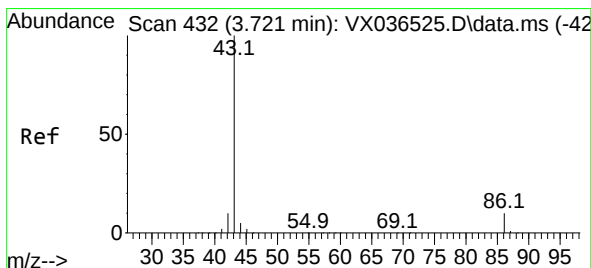
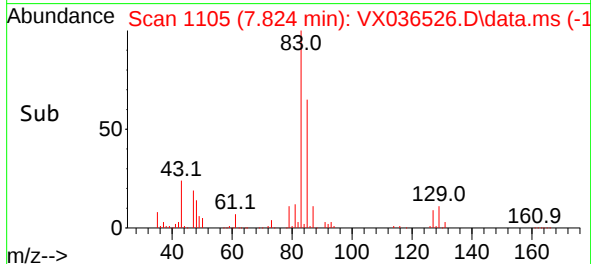
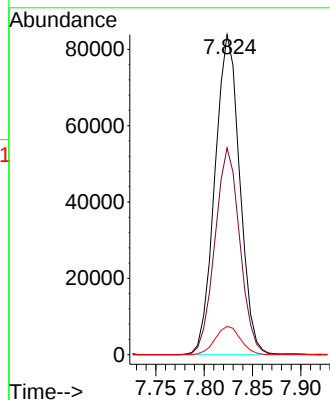
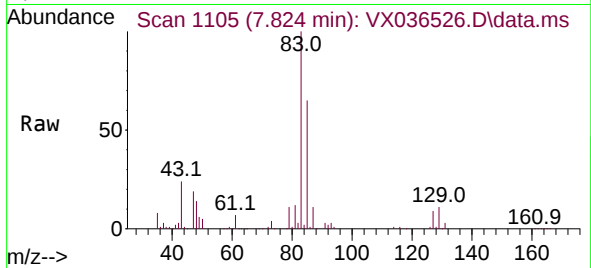
Tgt Ion: 83 Resp: 149924
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3
127 8.8 6.4 9.6

Manual Integrations

APPROVED

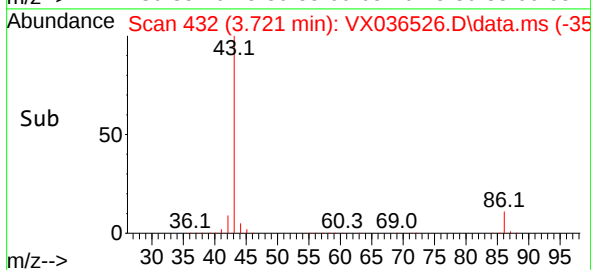
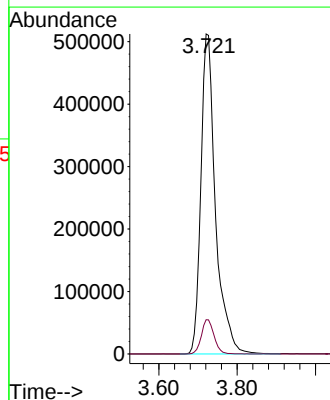
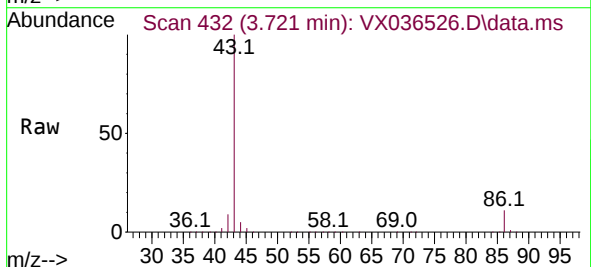
Reviewed By :John Carlone 07/14/2023

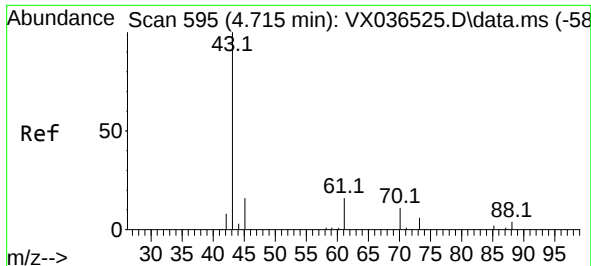
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 251.035 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

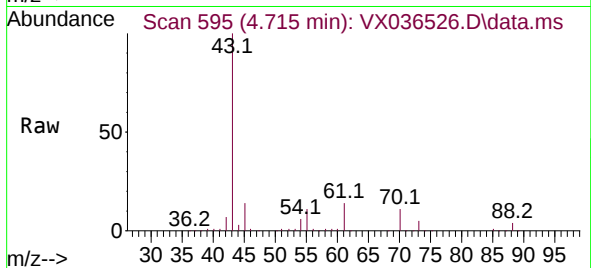
Tgt Ion: 43 Resp: 1331222
Ion Ratio Lower Upper
43 100
86 9.3 7.4 11.0





#43
Ethyl Acetate
Concen: 49.644 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

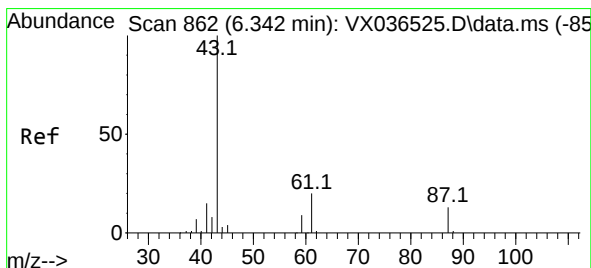
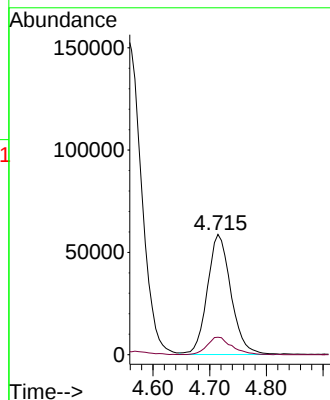
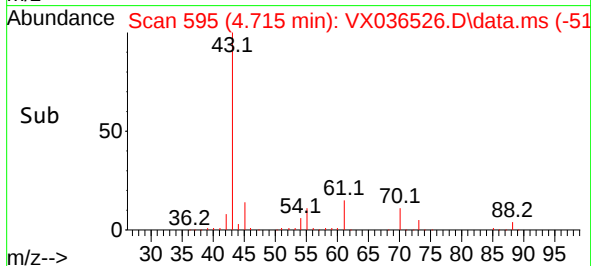
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 16965
Ion Ratio Lower Upper
43 100
45 15.2 12.6 18.8

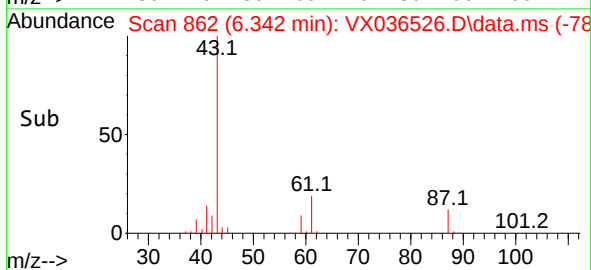
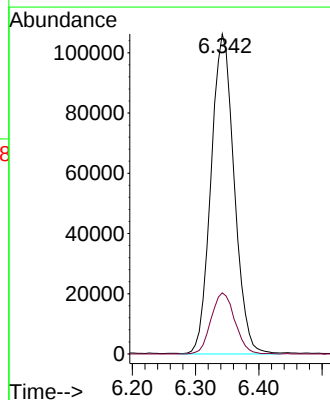
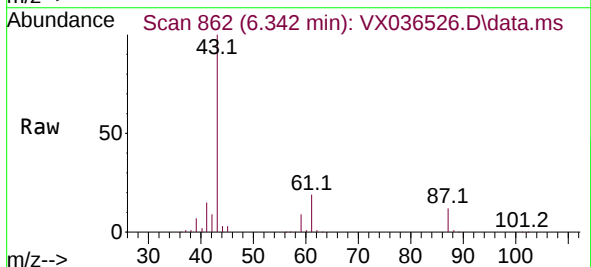
Manual Integrations
APPROVED

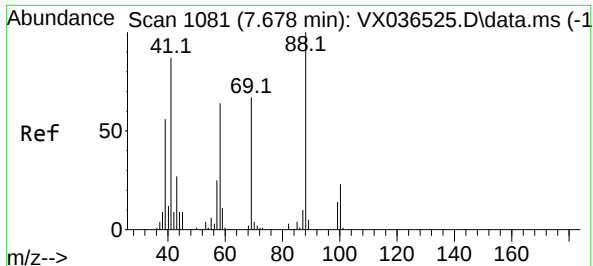
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Isopropyl Acetate
Concen: 49.653 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

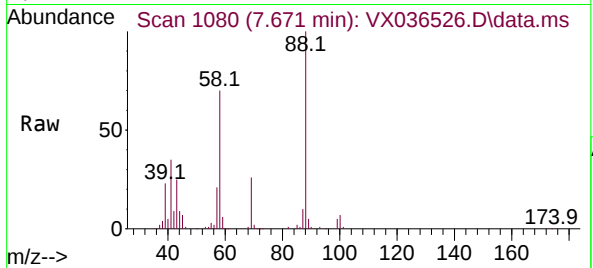
Tgt Ion: 43 Resp: 270586
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0





#45
1,4-Dioxane
Concen: 982.005 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

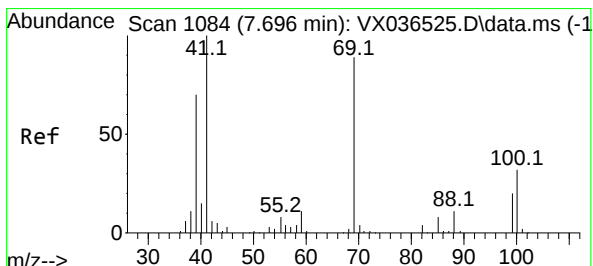
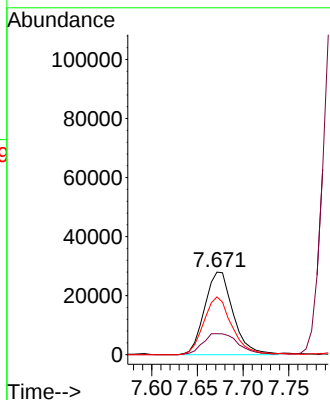
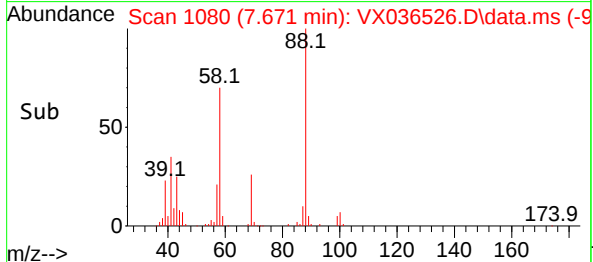
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 88 Resp: 60650
Ion Ratio Lower Upper
88 100
43 31.6 297.5 446.3
58 68.5 1.0 1.4

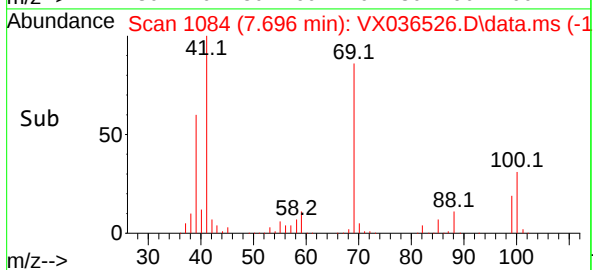
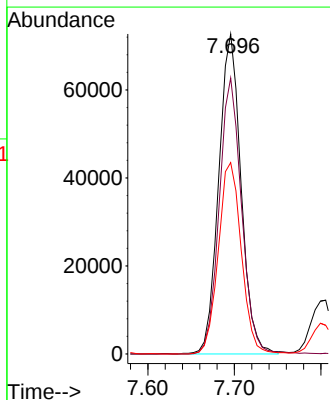
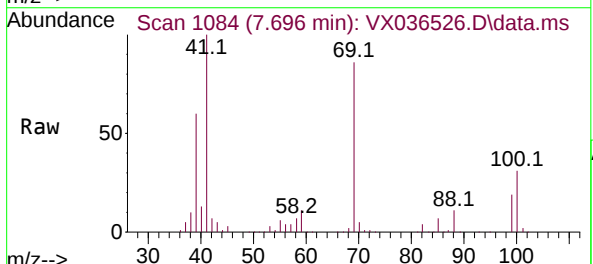
Manual Integrations
APPROVED

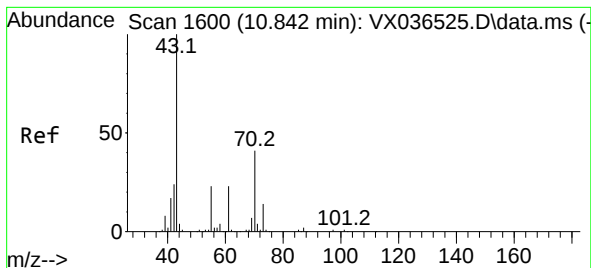
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#46
Methyl methacrylate
Concen: 49.939 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 41 Resp: 130080
Ion Ratio Lower Upper
41 100
69 86.2 44.4 133.1
39 59.8 34.9 104.7





#47

n-amy1 Acetate

Concen: 49.725 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 229858

Ion Ratio Lower Upper

43 100

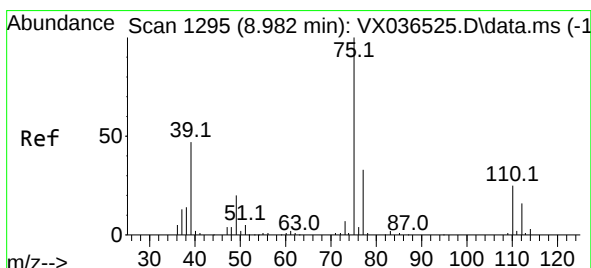
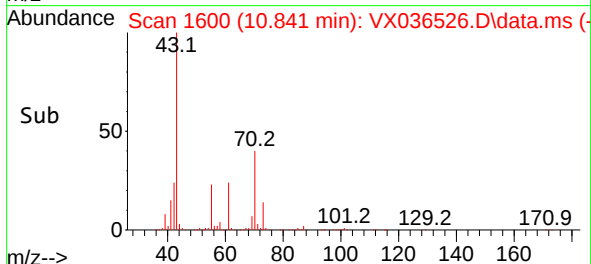
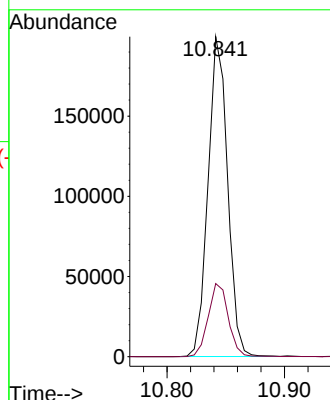
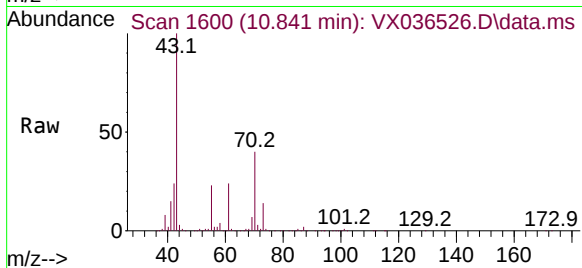
55 23.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#48

t-1,3-Dichloropropene

Concen: 49.970 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX036526.D

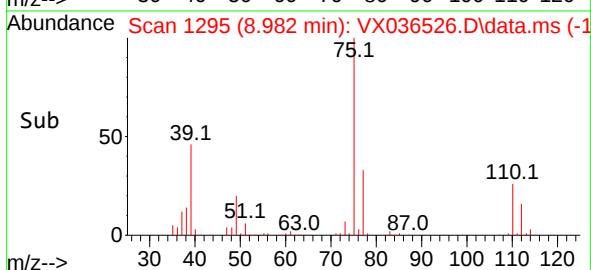
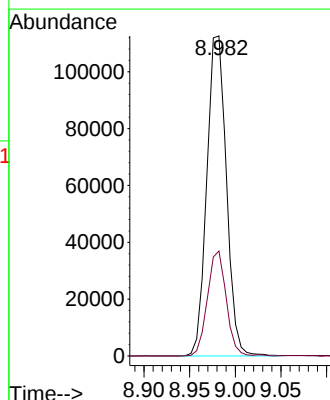
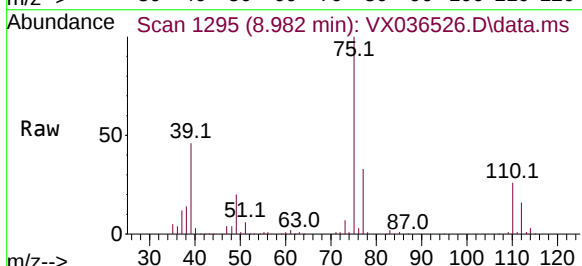
Acq: 13 Jul 2023 14:56

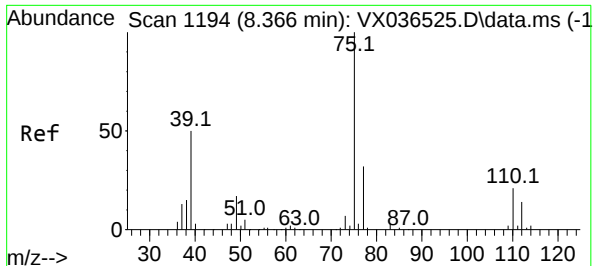
Tgt Ion: 75 Resp: 167855

Ion Ratio Lower Upper

75 100

77 32.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 50.265 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 182390

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

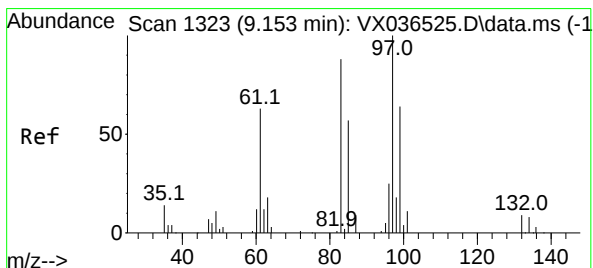
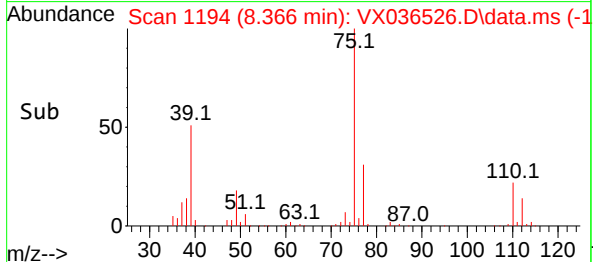
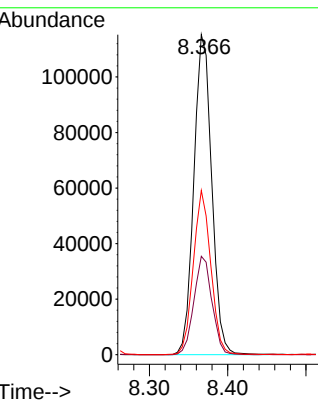
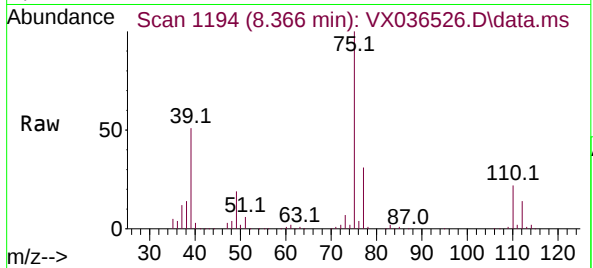
39 51.2 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 48.640 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Tgt Ion: 97 Resp: 111422

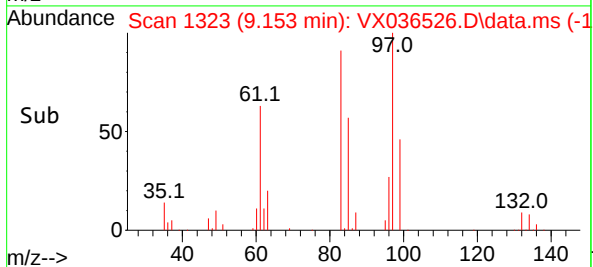
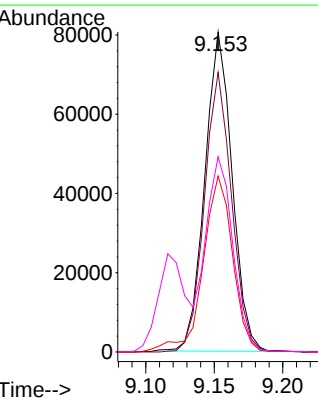
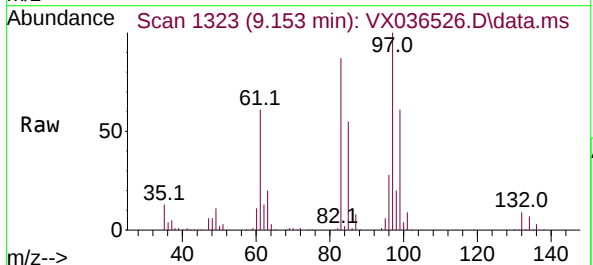
Ion Ratio Lower Upper

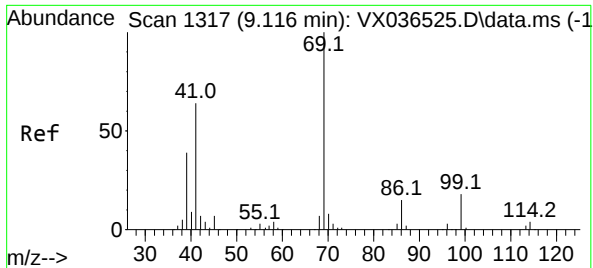
97 100

83 87.4 70.0 105.0

85 54.9 46.1 69.1

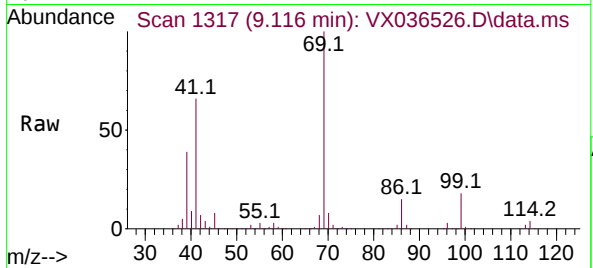
99 60.8 52.5 78.7





#51
Ethyl methacrylate
Concen: 50.836 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

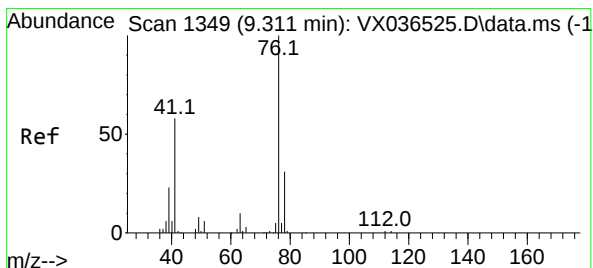
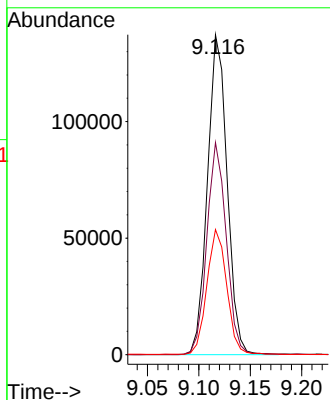
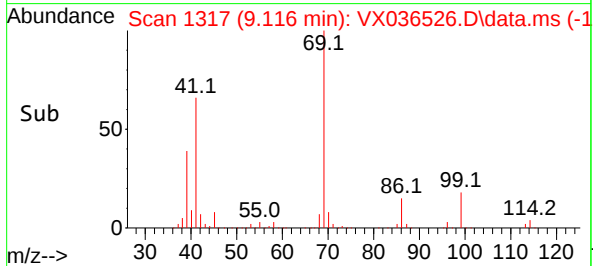
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 182829
Ion Ratio Lower Upper
69 100
41 66.2 32.0 96.0
39 39.0 19.4 58.4

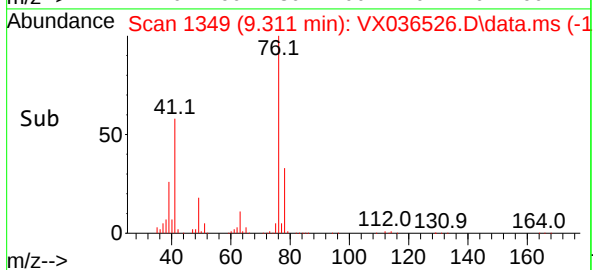
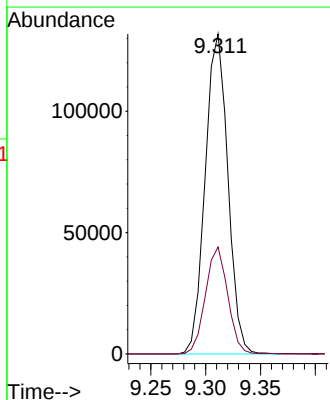
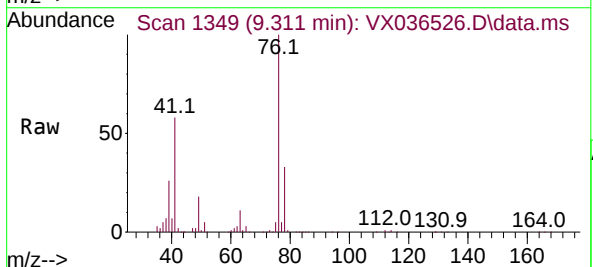
Manual Integrations
APPROVED

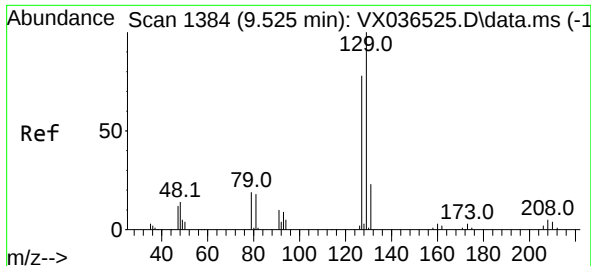
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 49.108 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 76 Resp: 189847
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.6





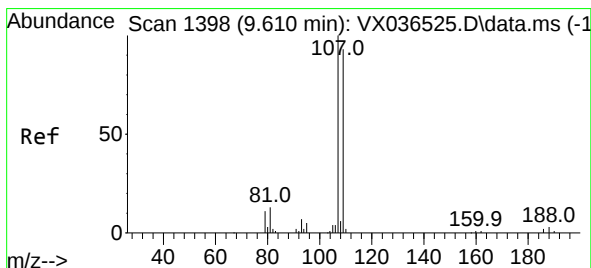
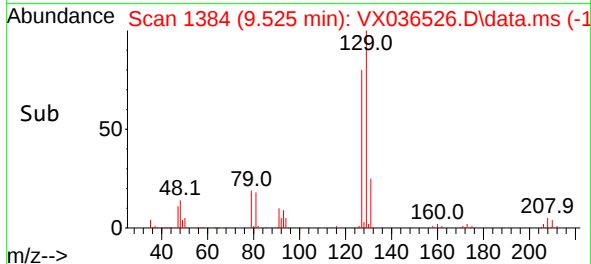
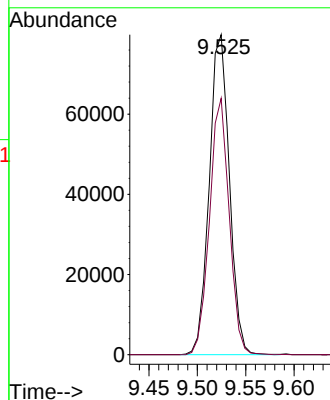
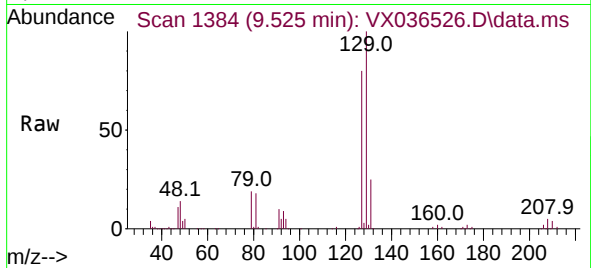
#53
Dibromochloromethane
Concen: 49.966 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 115532
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

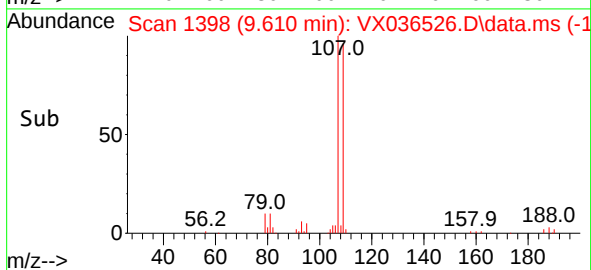
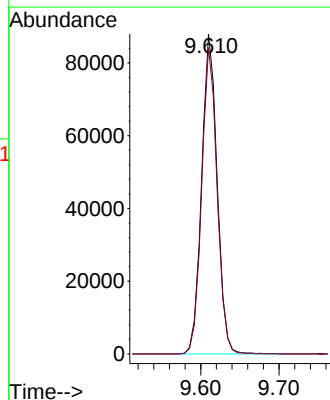
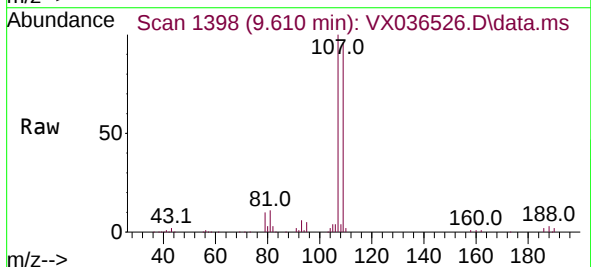
Manual Integrations
APPROVED

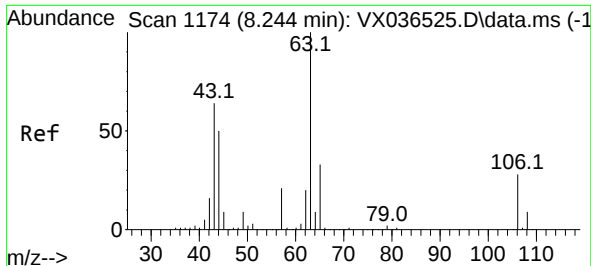
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
1,2-Dibromoethane
Concen: 50.253 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion:107 Resp: 120931
Ion Ratio Lower Upper
107 100
109 94.8 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 241.611 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 467329

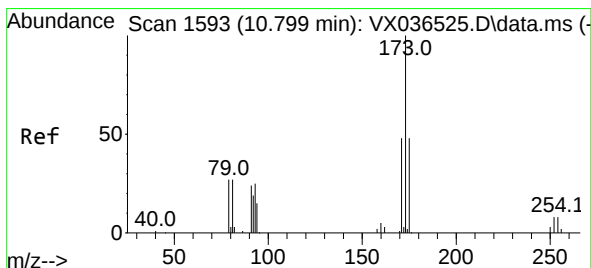
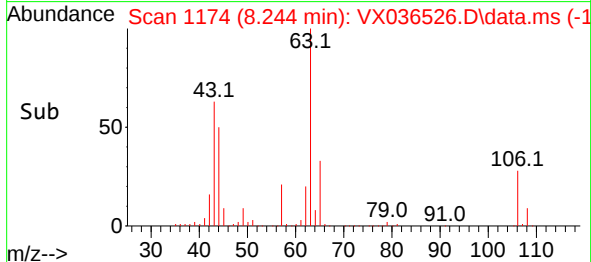
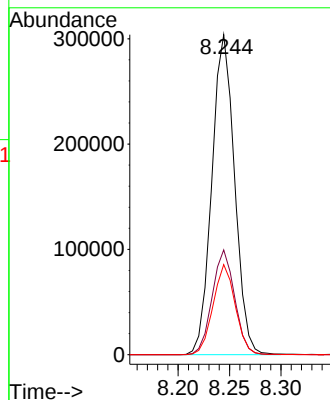
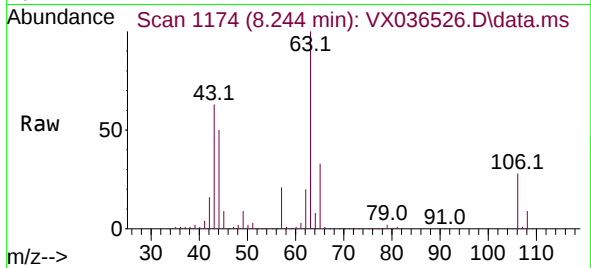
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.9	38.9
106	27.5	21.8	32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#56

Bromoform

Concen: 50.341 ug/l

RT: 10.799 min Scan# 1593

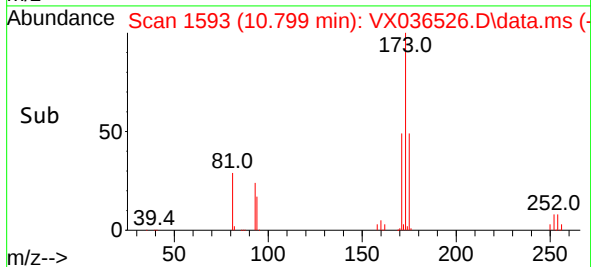
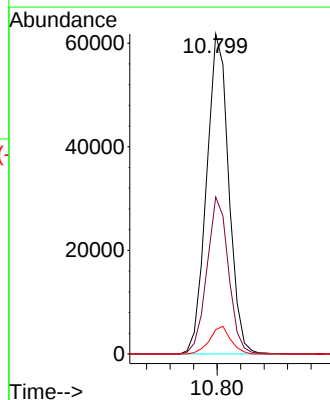
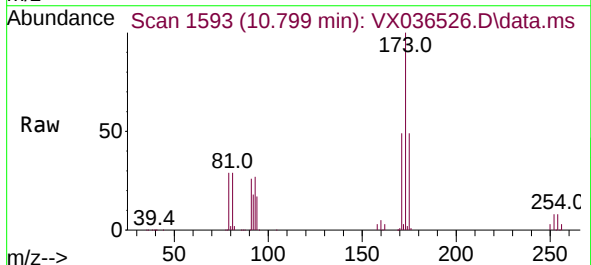
Delta R.T. -0.000 min

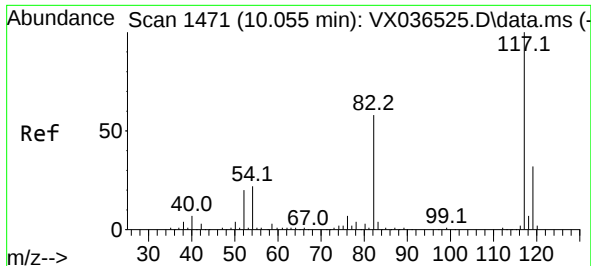
Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Tgt Ion:173 Resp: 80982

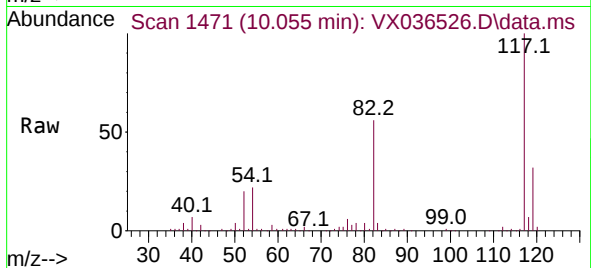
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.1	57.1
254	8.2	6.7	10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

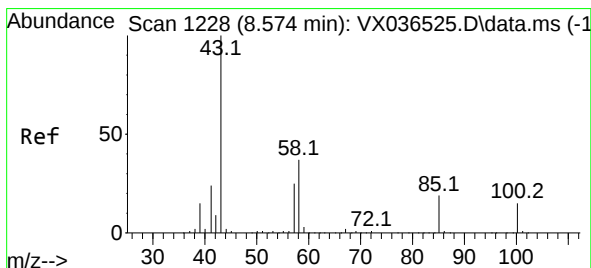
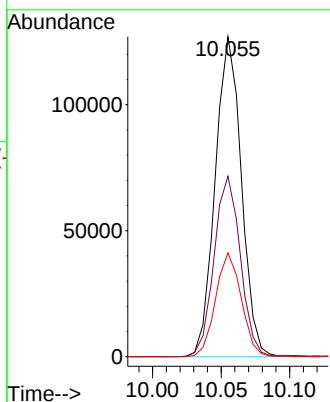
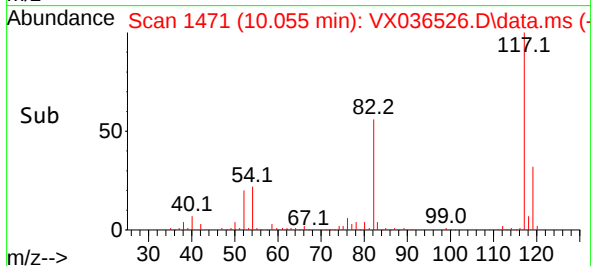
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 168528
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 31.9 25.6 38.4

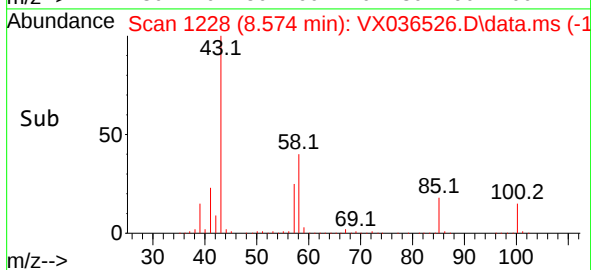
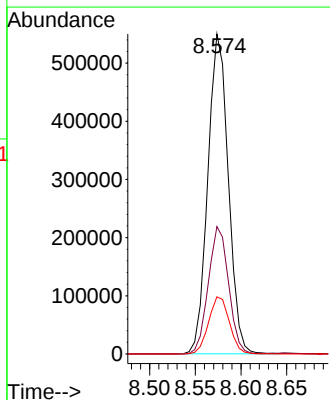
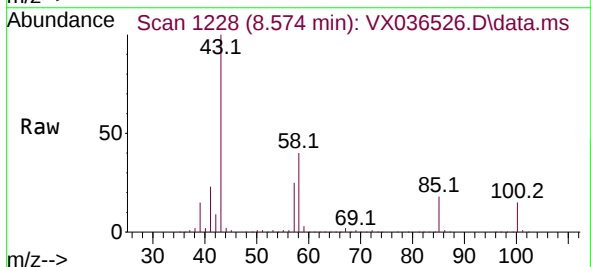
Manual Integrations
APPROVED

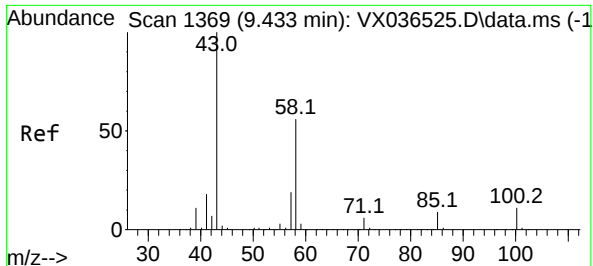
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#58
4-Methyl-2-Pentanone
Concen: 246.654 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

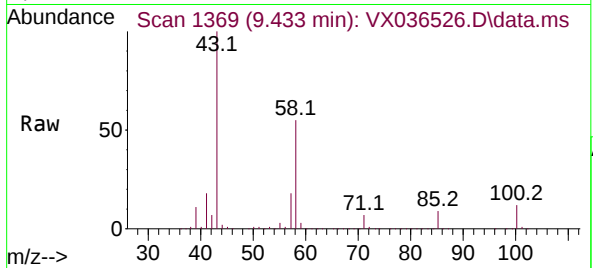
Tgt Ion: 43 Resp: 859570
Ion Ratio Lower Upper
43 100
58 39.4 30.9 46.3
85 18.2 14.4 21.6





#59
2-Hexanone
Concen: 247.596 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

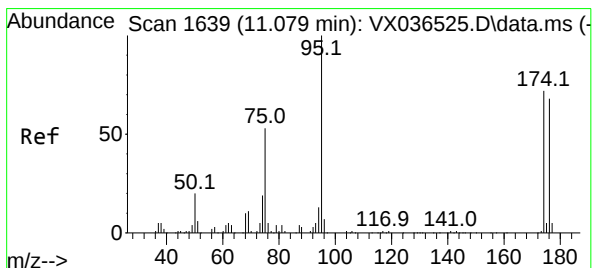
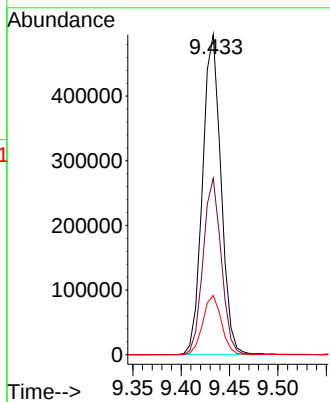
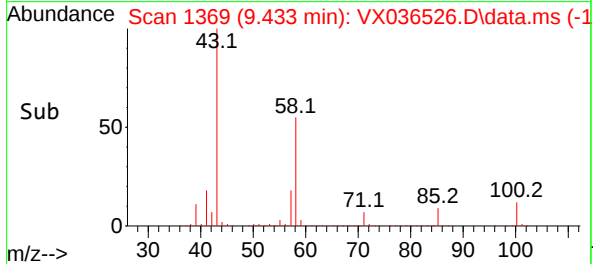
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 656429
Ion Ratio Lower Upper
43 100
58 54.4 43.4 65.2
57 18.8 15.1 22.7

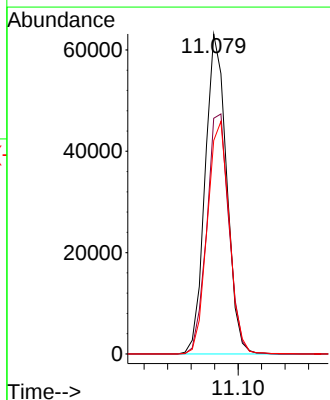
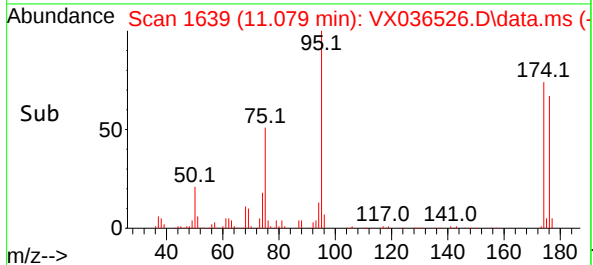
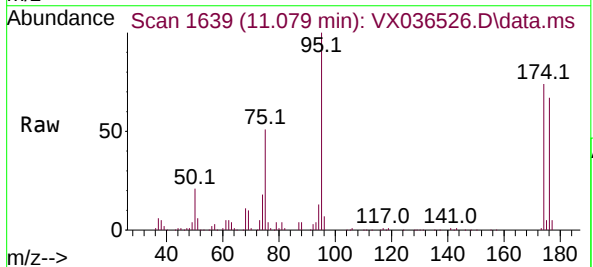
Manual Integrations
APPROVED

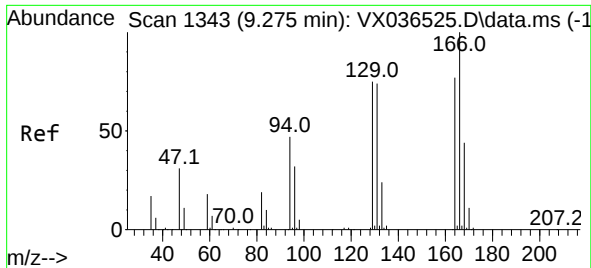
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#60
4-Bromofluorobenzene
Concen: 29.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

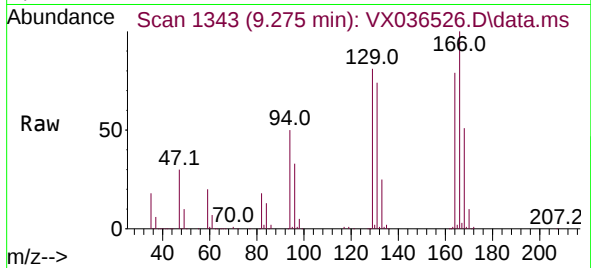
Tgt Ion: 95 Resp: 80168
Ion Ratio Lower Upper
95 100
174 77.5 60.5 90.7
176 74.3 58.2 87.4





#61
Tetrachloroethene
Concen: 47.708 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

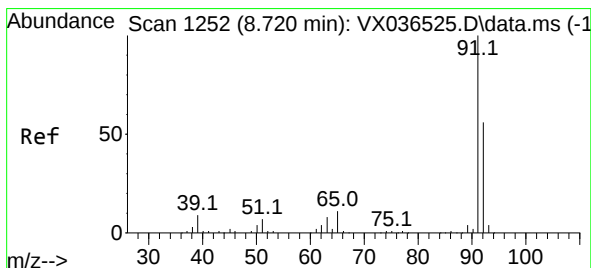
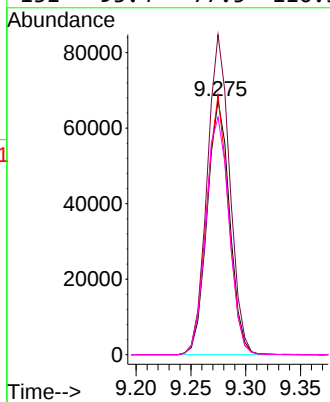
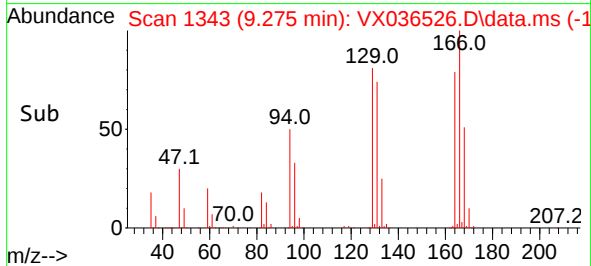
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 96300
Ion Ratio Lower Upper
164 100
166 125.9 104.5 156.7
129 102.0 78.0 117.0
131 93.4 77.5 116.3

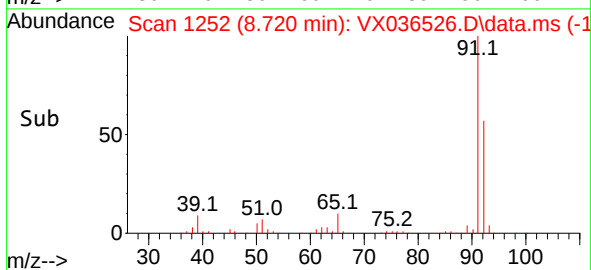
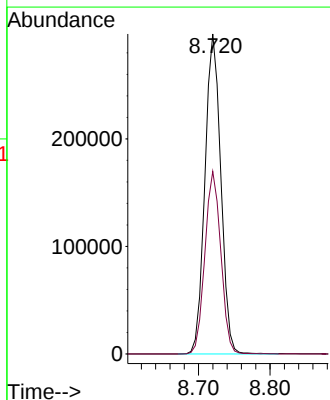
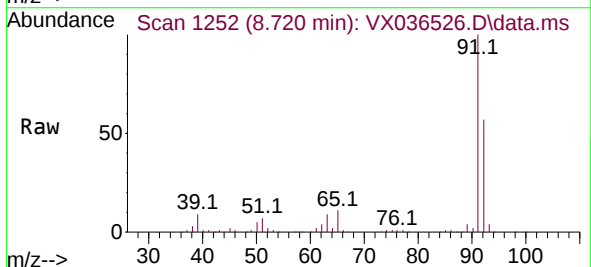
Manual Integrations
APPROVED

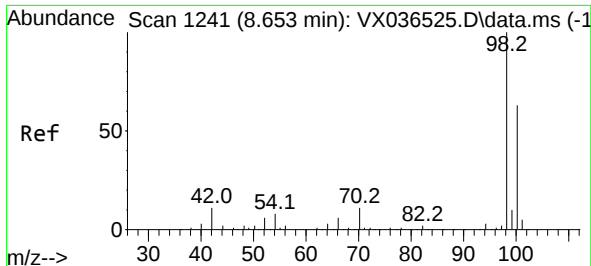
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#62
Toluene
Concen: 48.535 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

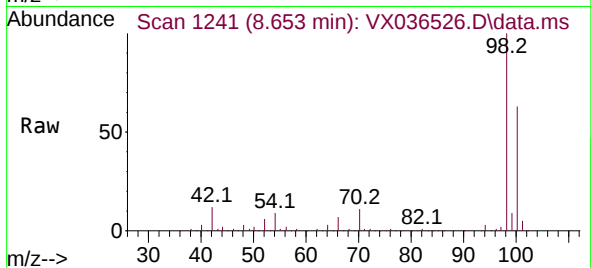
Tgt Ion: 91 Resp: 458935
Ion Ratio Lower Upper
91 100
92 57.1 44.9 67.3





#63
Toluene-d8
Concen: 29.988 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

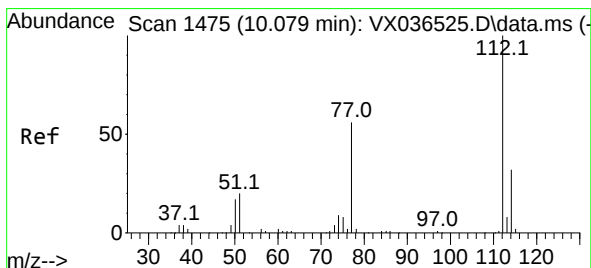
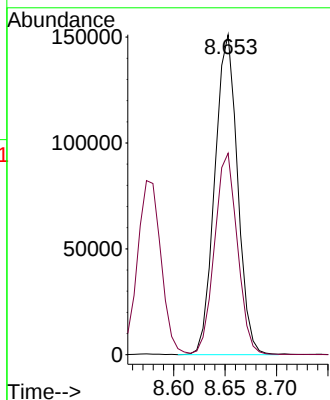
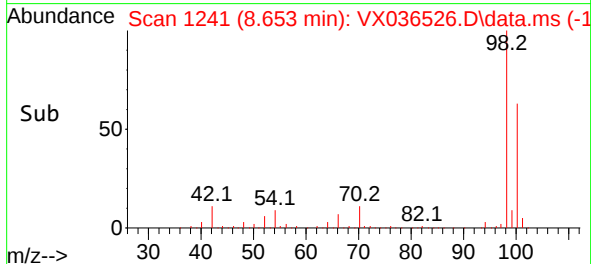
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



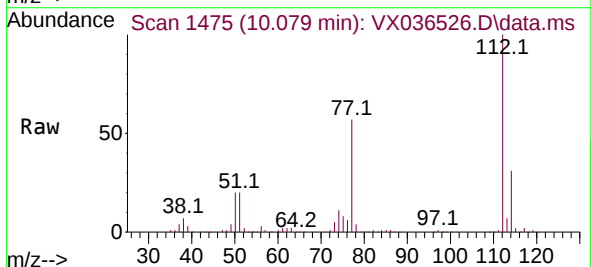
Tgt Ion: 98 Resp: 23255
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

Manual Integrations
APPROVED

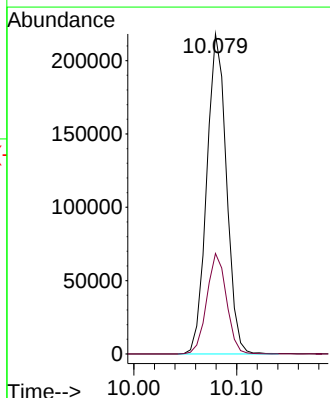
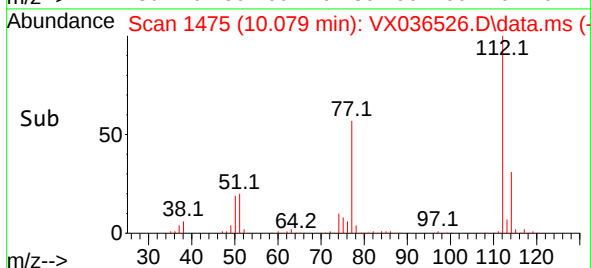
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

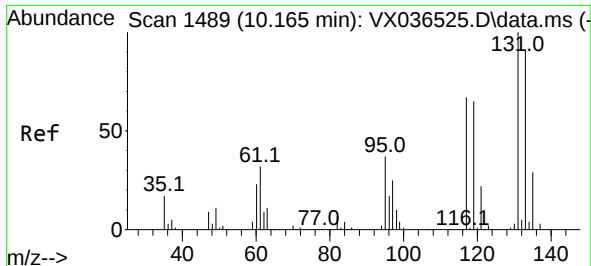


#64
Chlorobenzene
Concen: 49.346 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



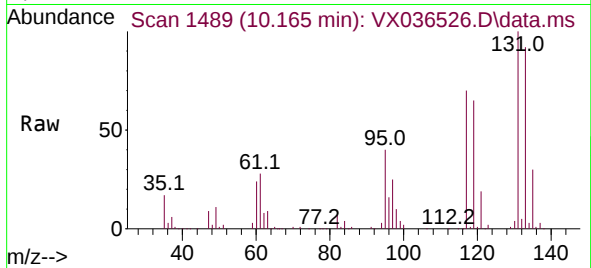
Tgt Ion:112 Resp: 290487
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 50.016 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

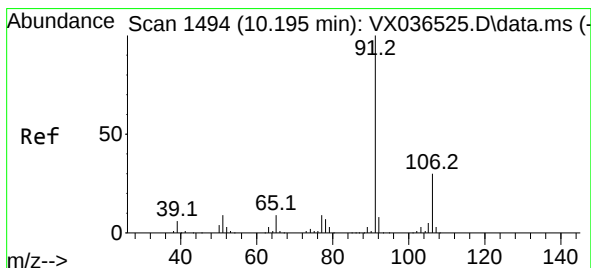
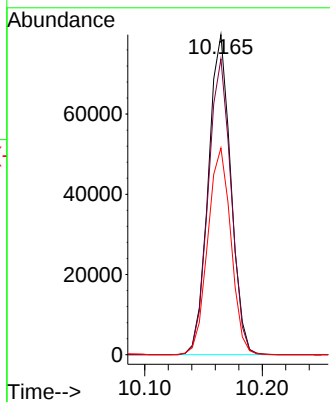
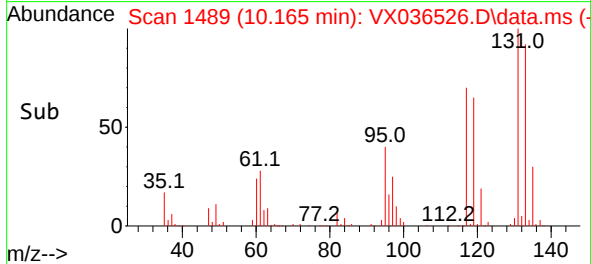
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



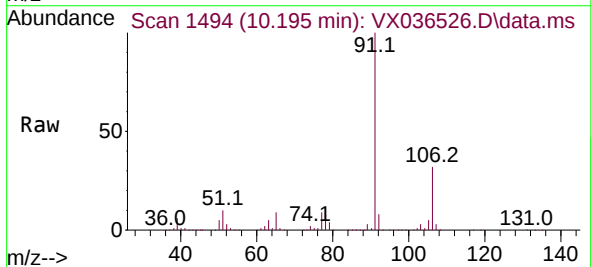
Tgt Ion:131 Resp: 106330
Ion Ratio Lower Upper
131 100
133 93.7 0.0 192.0
119 66.4 0.0 132.8

Manual Integrations
APPROVED

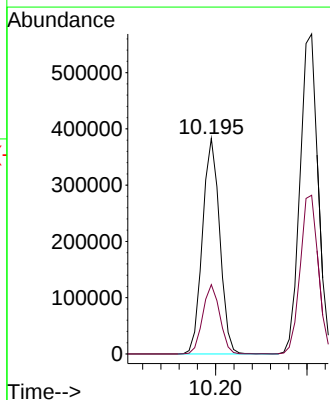
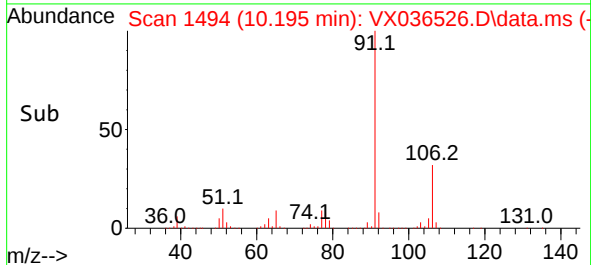
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

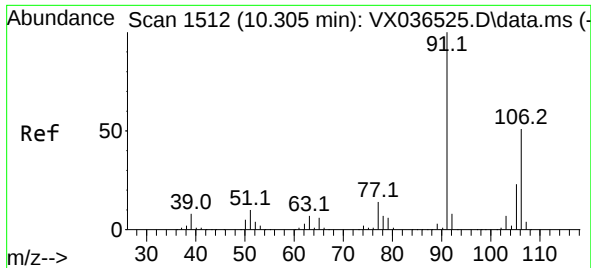


#66
Ethyl Benzene
Concen: 48.769 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



Tgt Ion: 91 Resp: 501179
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4





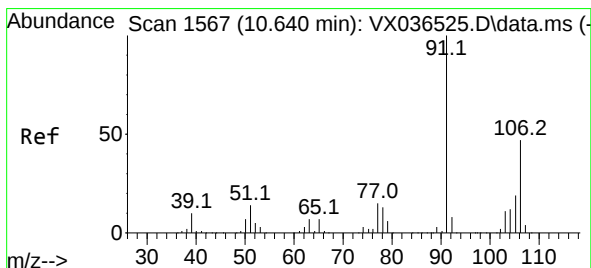
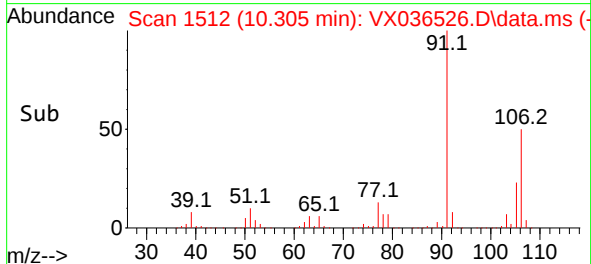
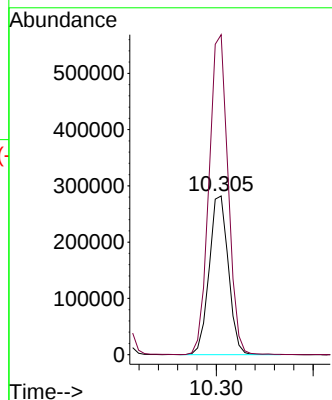
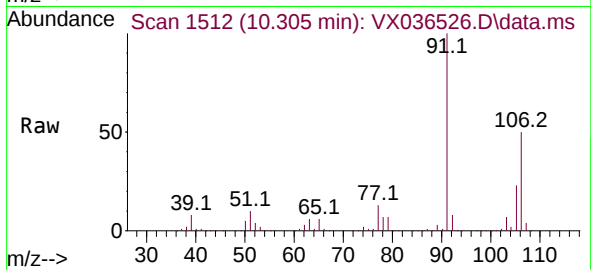
#67
m/p-Xylenes
Concen: 96.823 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 387904
Ion Ratio Lower Upper
106 100
91 201.3 160.5 240.7

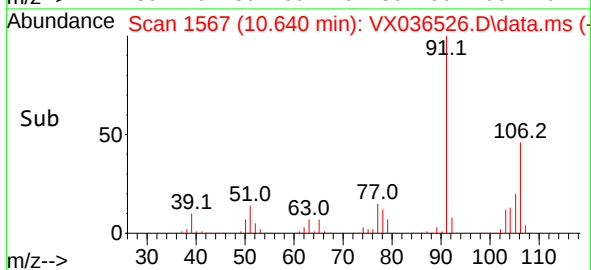
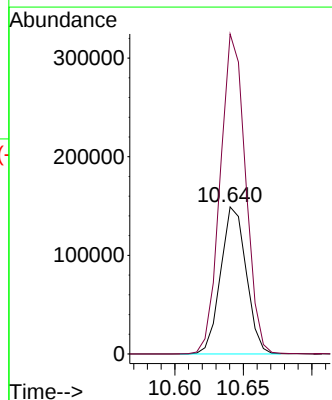
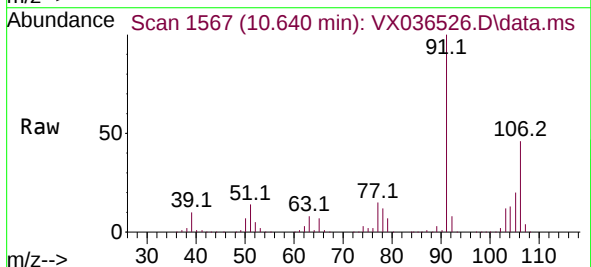
Manual Integrations
APPROVED

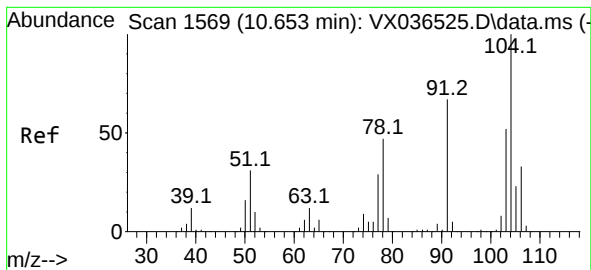
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#68
o-Xylene
Concen: 48.712 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion:106 Resp: 193686
Ion Ratio Lower Upper
106 100
91 214.6 105.4 316.1





#69

Styrene

Concen: 49.196 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

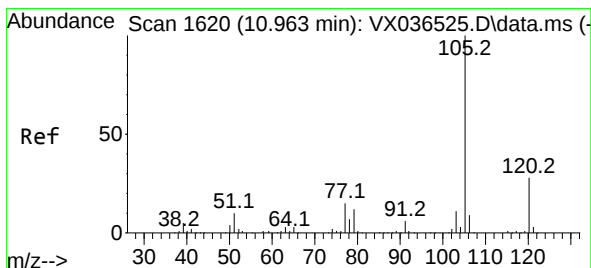
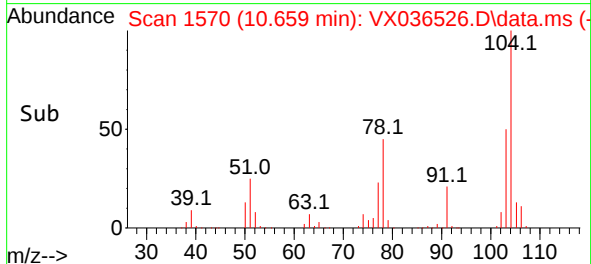
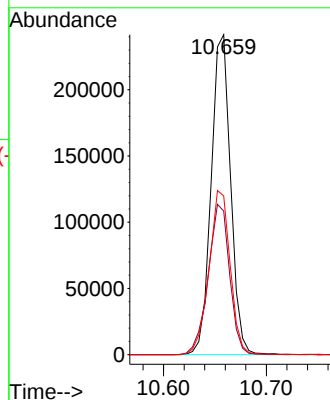
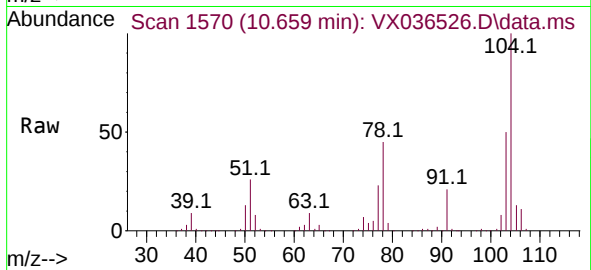
Tgt Ion:104 Resp: 31715
 Ion Ratio Lower Upper
 104 100
 78 51.9 41.0 61.4
 103 55.7 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#70

Isopropylbenzene

Concen: 48.289 ug/l

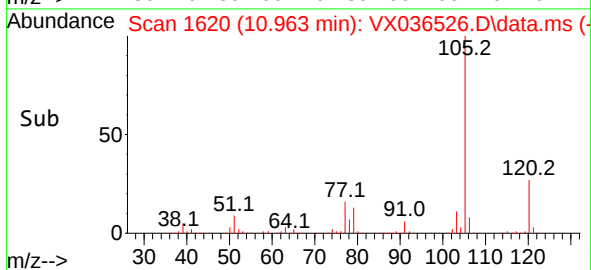
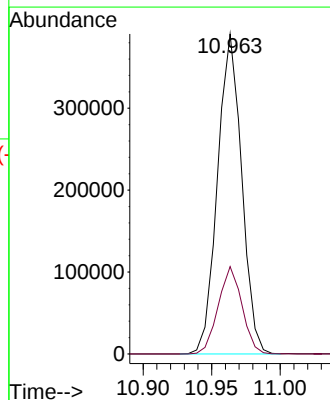
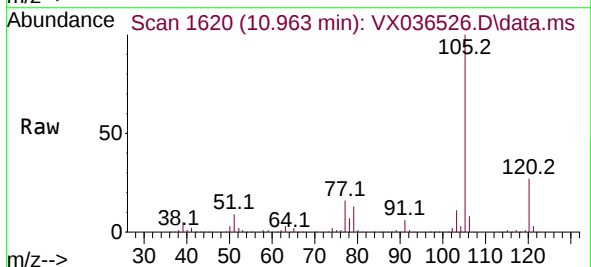
RT: 10.963 min Scan# 1620

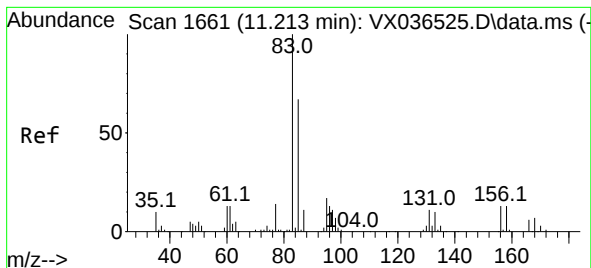
Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Tgt Ion:105 Resp: 478211
 Ion Ratio Lower Upper
 105 100
 120 26.8 19.5 36.3





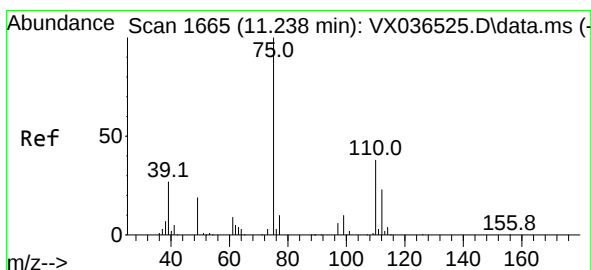
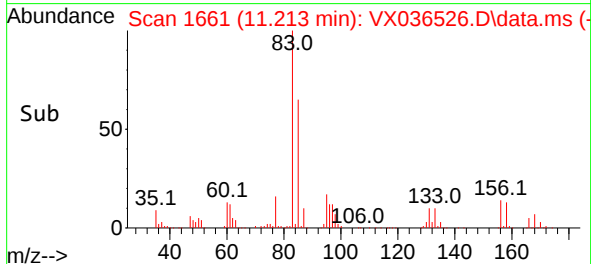
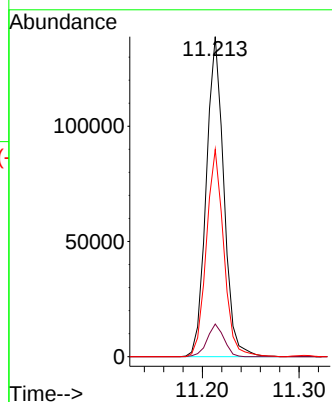
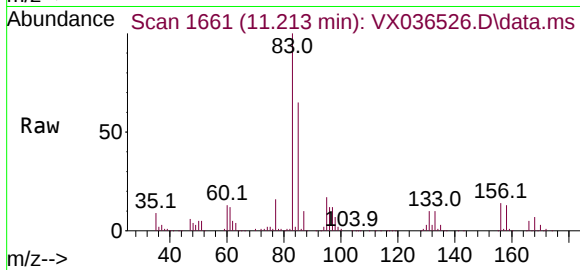
#71
1,1,2,2-Tetrachloroethane
Concen: 48.595 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 17564
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 64.3 32.4 97.0

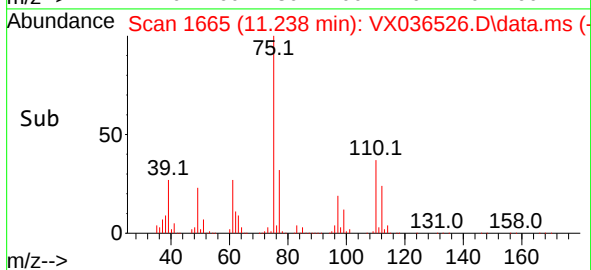
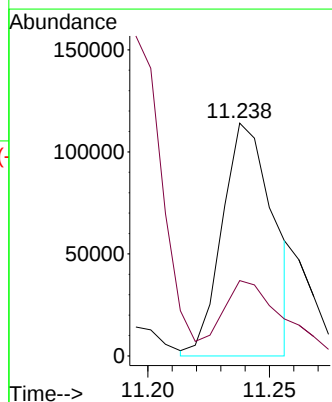
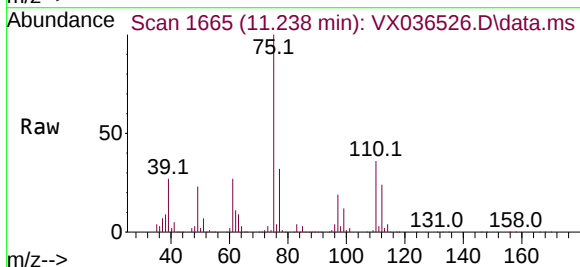
Manual Integrations
APPROVED

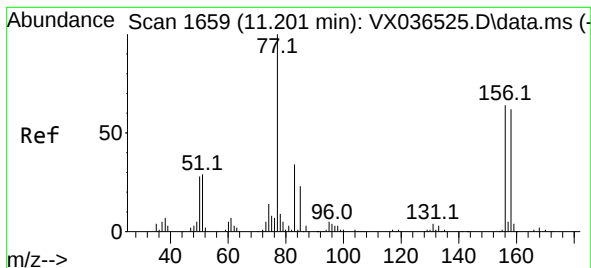
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#72
1,2,3-Trichloropropane
Concen: 49.884 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion: 75 Resp: 166315
Ion Ratio Lower Upper
75 100
77 39.0 0.0 77.2





#73

Bromobenzene

Concen: 49.214 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

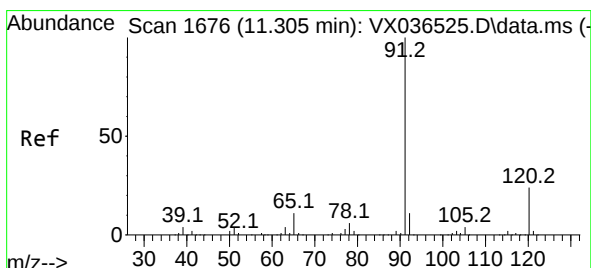
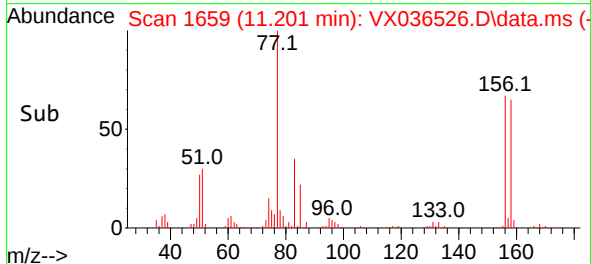
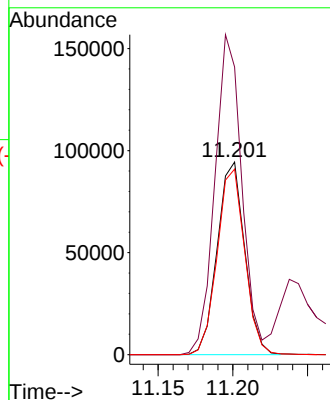
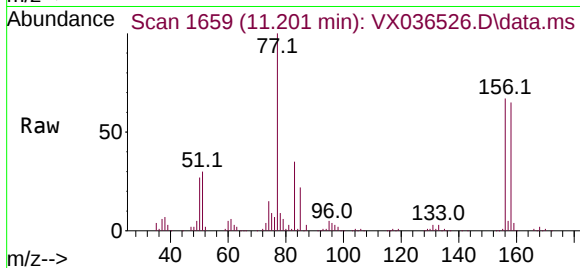
Tgt Ion:156 Resp: 120474
 Ion Ratio Lower Upper
 156 100
 77 162.7 0.0 333.0
 158 96.8 0.0 196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#74

n-propylbenzene

Concen: 48.023 ug/l

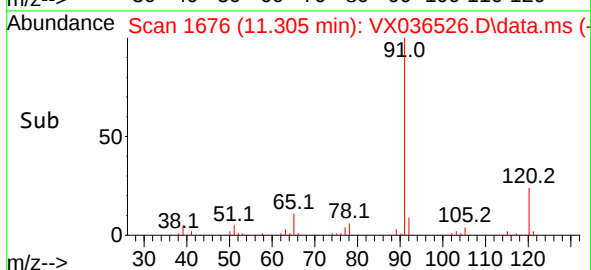
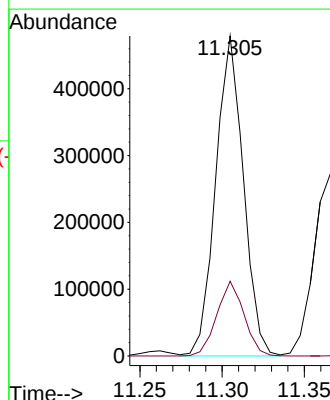
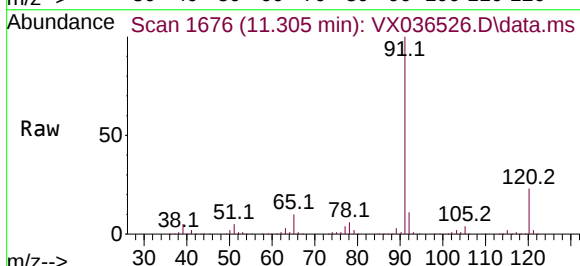
RT: 11.305 min Scan# 1676

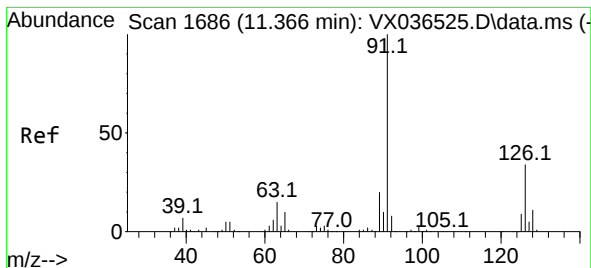
Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Tgt Ion: 91 Resp: 559753
 Ion Ratio Lower Upper
 91 100
 120 22.9 0.0 46.6





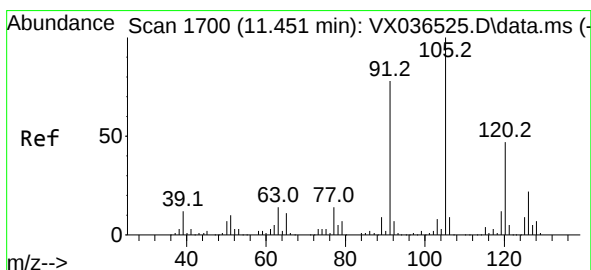
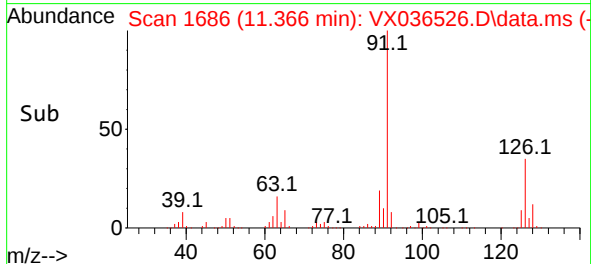
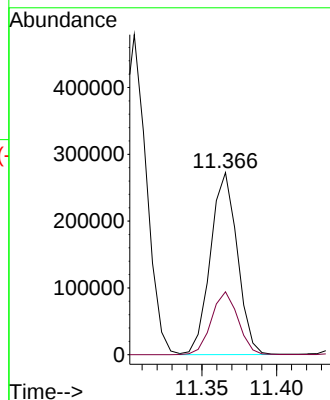
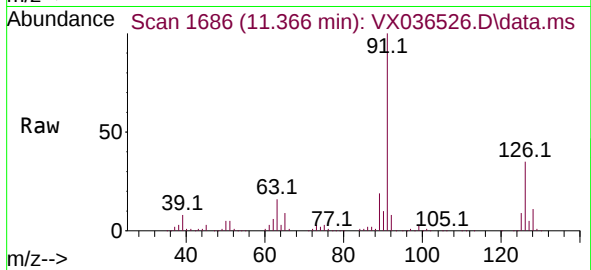
#75
2-Chlorotoluene
Concen: 48.079 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 340788
Ion Ratio Lower Upper
91 100
126 34.2 0.0 66.2

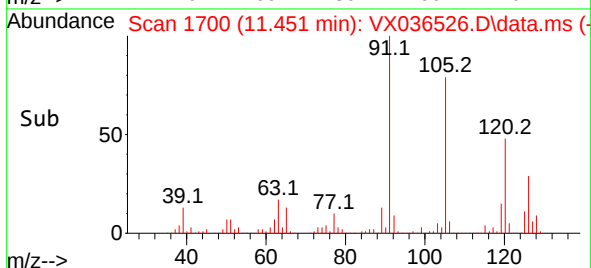
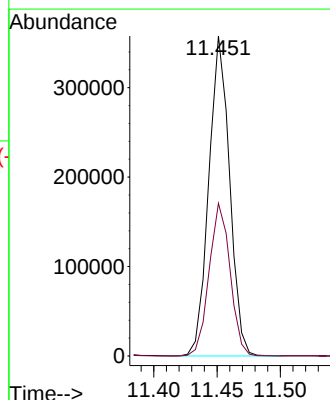
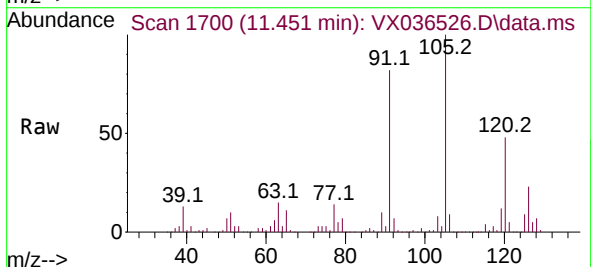
Manual Integrations
APPROVED

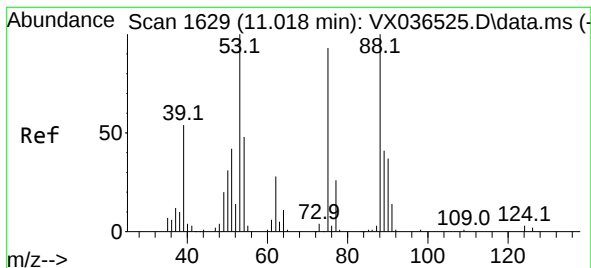
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 48.064 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

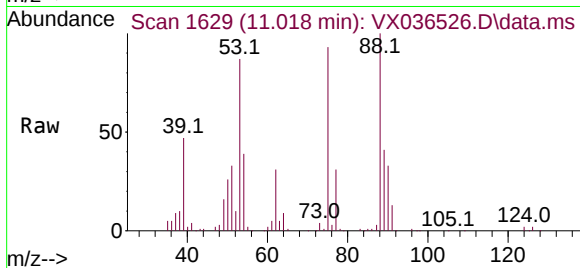
Tgt Ion:105 Resp: 409014
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 49.890 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

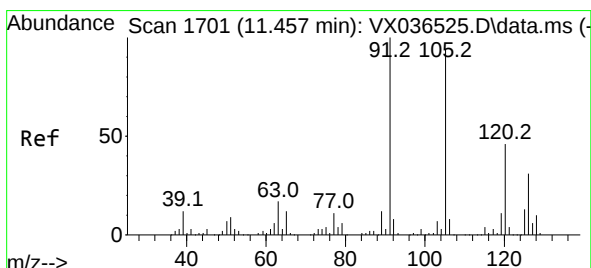
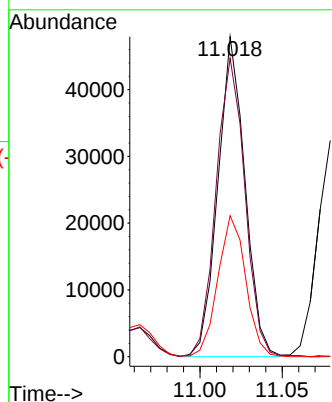
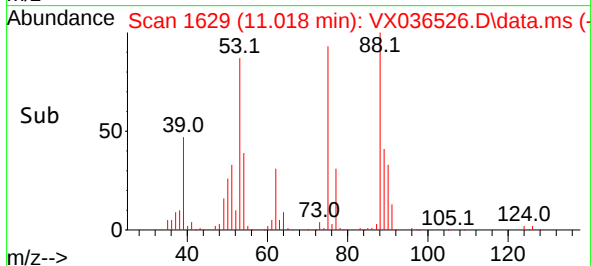
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



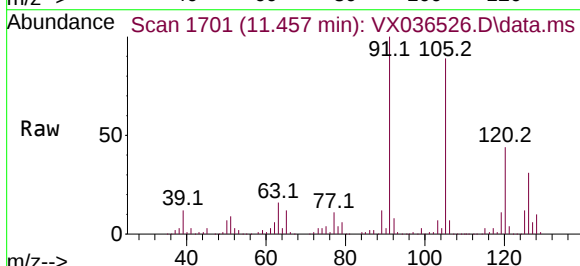
Tgt Ion: 75 Resp: 5487
Ion Ratio Lower Upper
75 100
53 93.1 53.9 161.7
89 43.9 22.1 66.1

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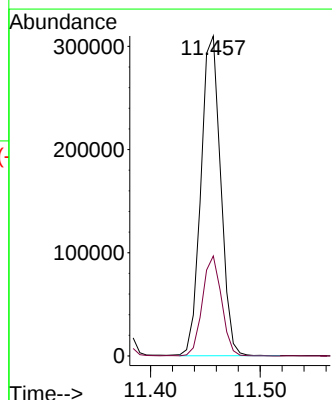
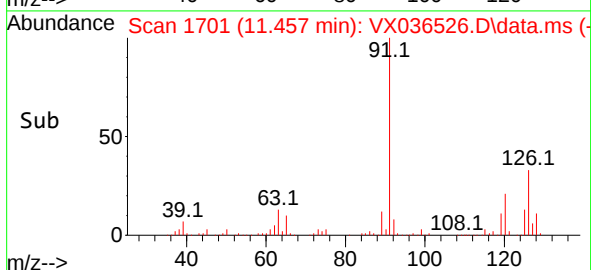
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

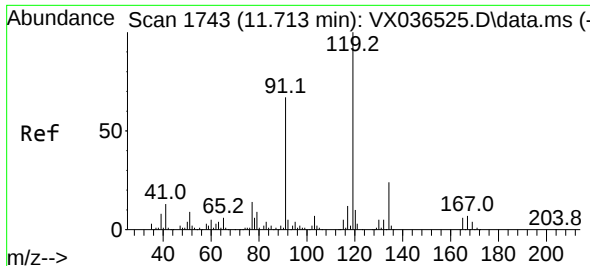


#78
4-Chlorotoluene
Concen: 48.010 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



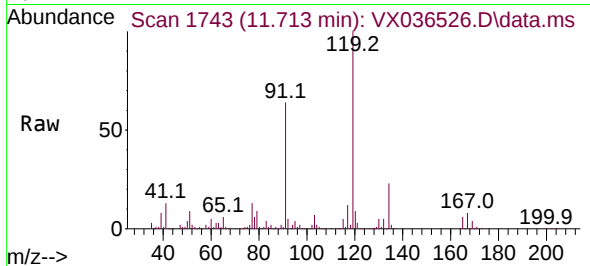
Tgt Ion: 91 Resp: 387460
Ion Ratio Lower Upper
91 100
126 30.3 0.0 59.4





#79
tert-butylbenzene
Concen: 47.303 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

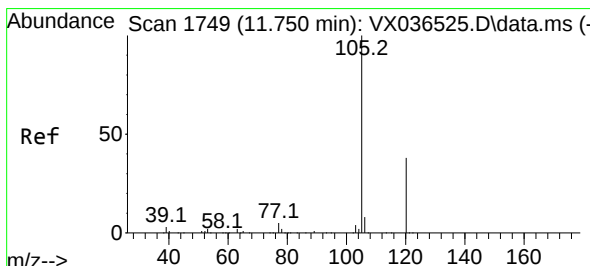
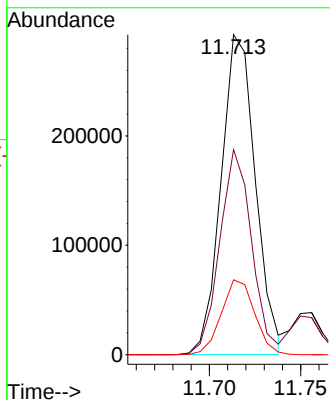
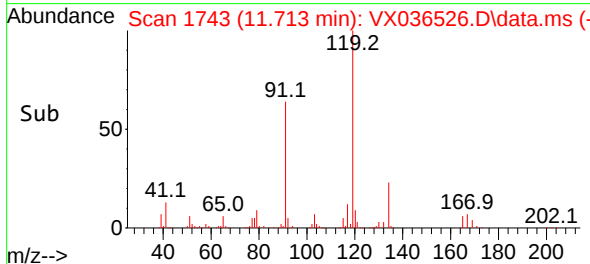
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:119 Resp: 38206
Ion Ratio Lower Upper
119 100
91 59.8 0.0 124.4
134 22.8 0.0 47.2

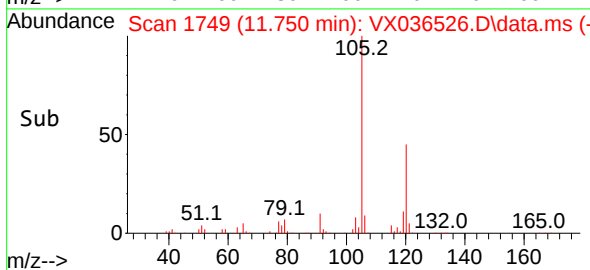
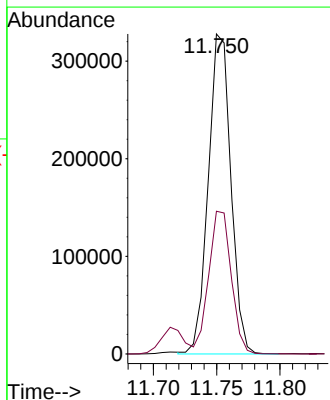
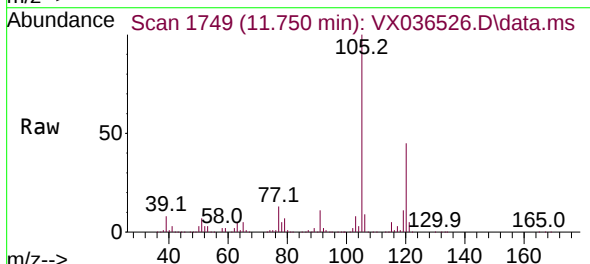
Manual Integrations
APPROVED

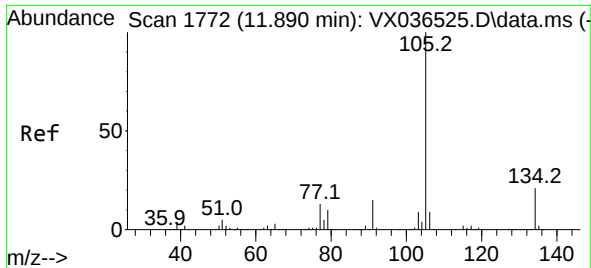
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#80
1,2,4-Trimethylbenzene
Concen: 48.431 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

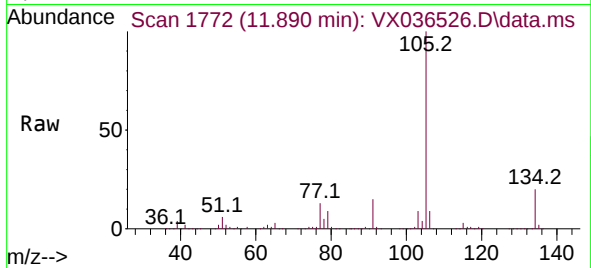
Tgt Ion:105 Resp: 408370
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 46.975 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036526.D
 Acq: 13 Jul 2023 14:56

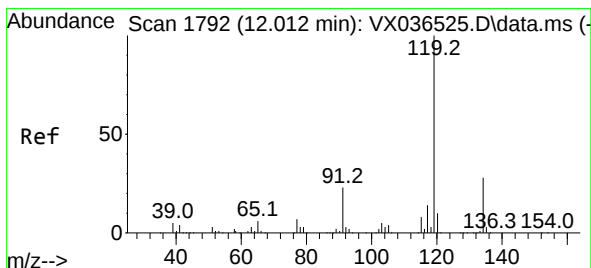
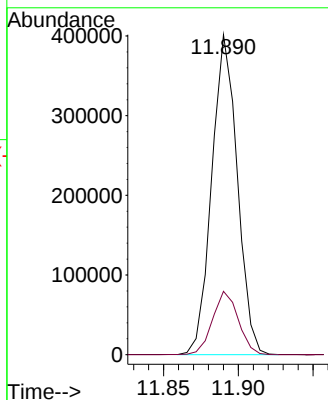
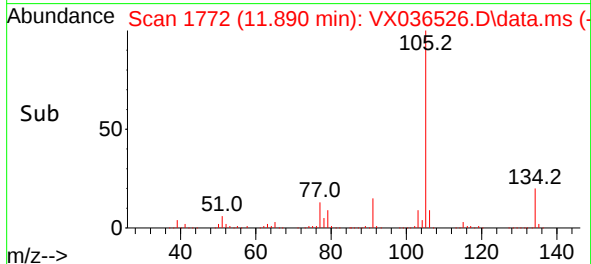
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



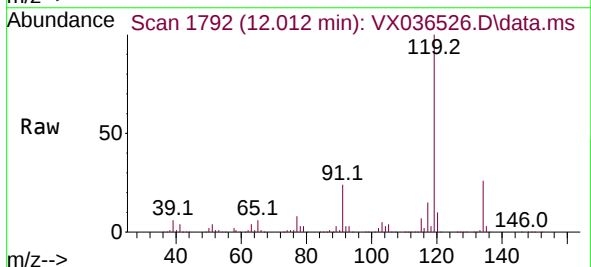
Tgt Ion:105 Resp: 47756
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 41.2

Manual Integrations
 APPROVED

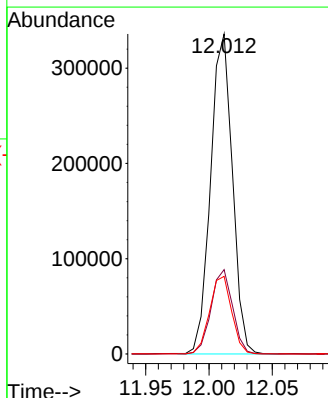
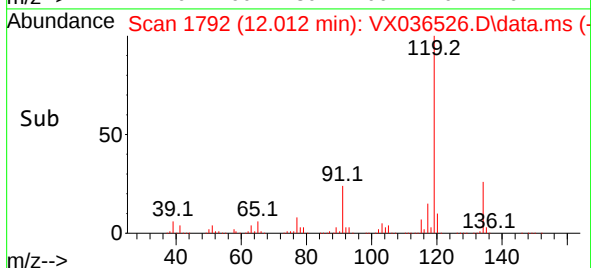
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

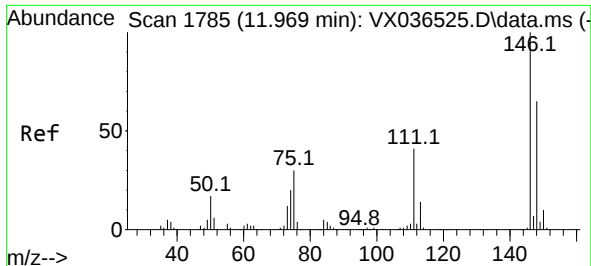


#82
 p-Isopropyltoluene
 Concen: 47.617 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX036526.D
 Acq: 13 Jul 2023 14:56



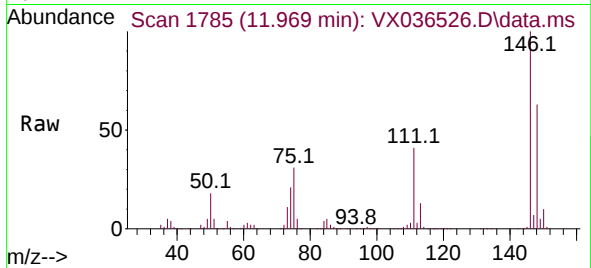
Tgt Ion:119 Resp: 402753
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.2
 91 24.5 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 48.007 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

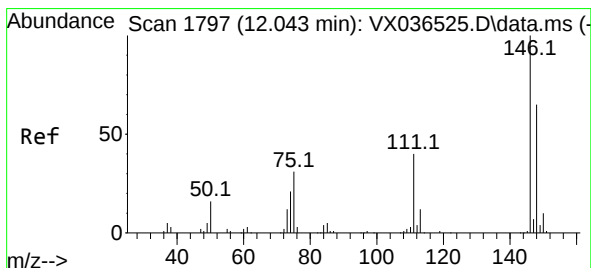
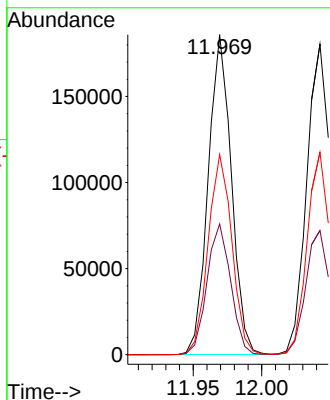
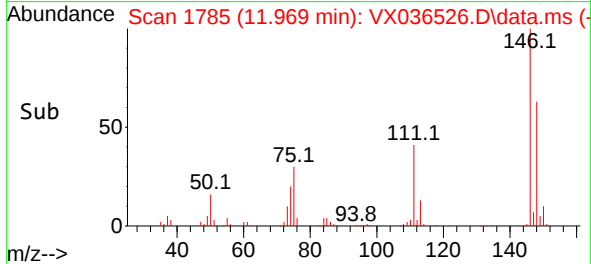
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



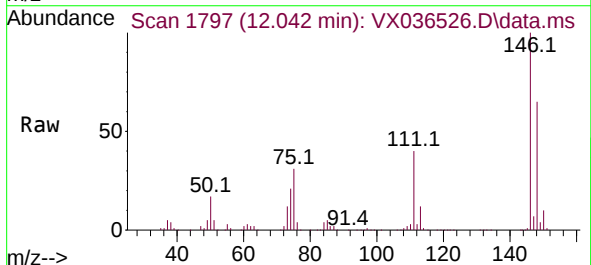
Tgt Ion:146 Resp: 218590
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.2
148 64.1 31.6 94.8

Manual Integrations
APPROVED

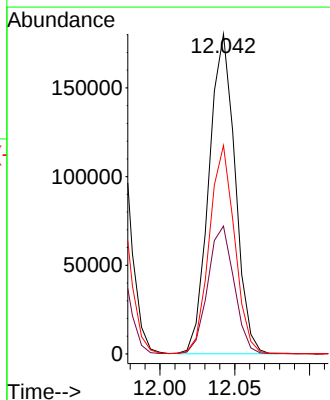
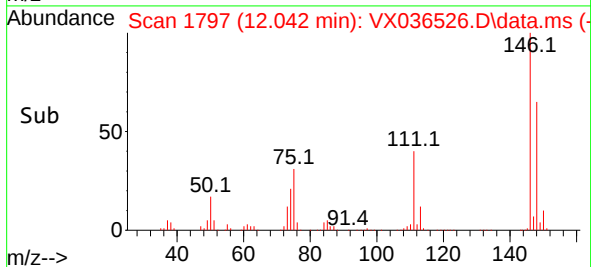
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

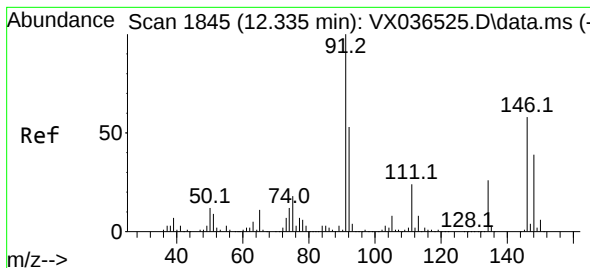


#84
1,4-Dichlorobenzene
Concen: 48.388 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



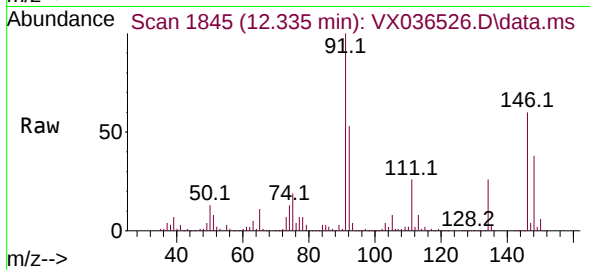
Tgt Ion:146 Resp: 219553
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.6
148 63.1 32.1 96.3





#85
n-Butylbenzene
Concen: 46.679 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

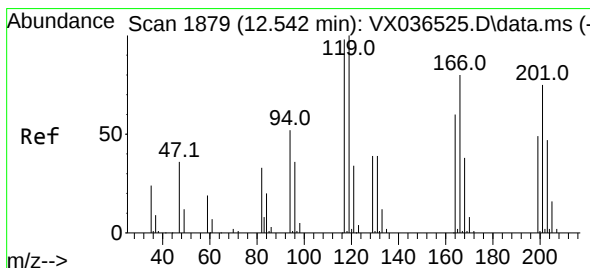
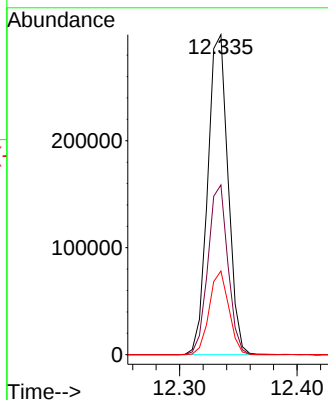
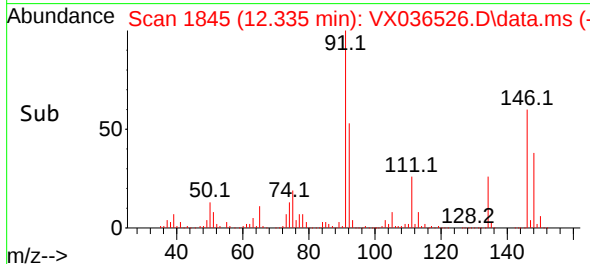
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 359400
Ion Ratio Lower Upper
91 100
92 52.2 0.0 105.2
134 25.2 0.0 51.4

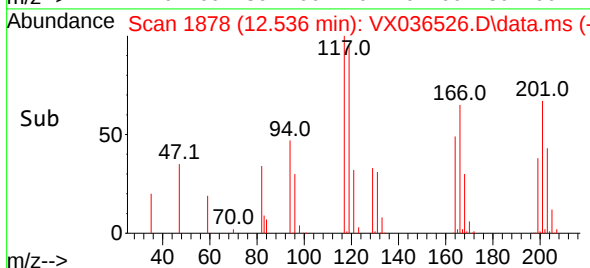
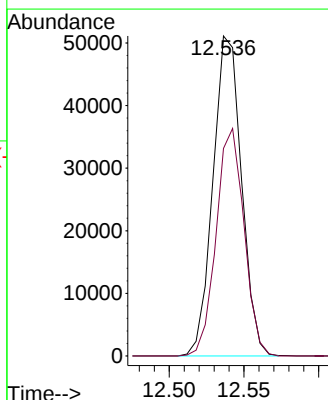
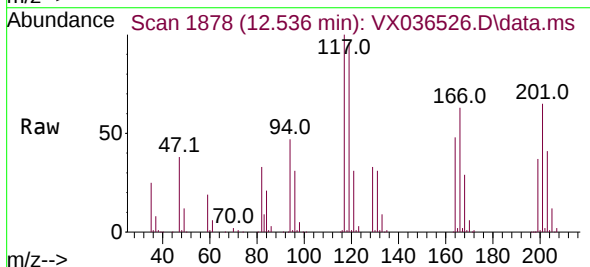
Manual Integrations
APPROVED

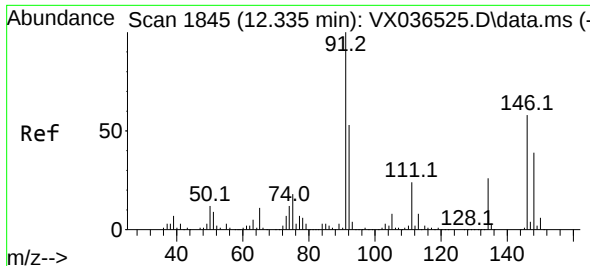
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#86
Hexachloroethane
Concen: 48.493 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

Tgt Ion:117 Resp: 67909
Ion Ratio Lower Upper
117 100
201 69.4 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 48.194 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 22011

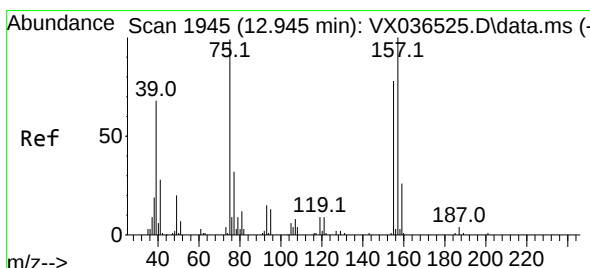
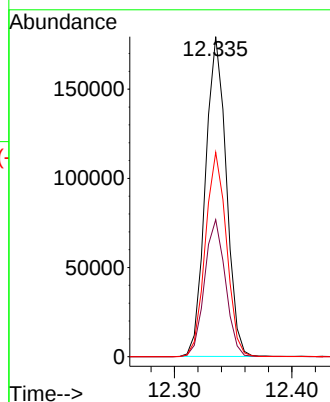
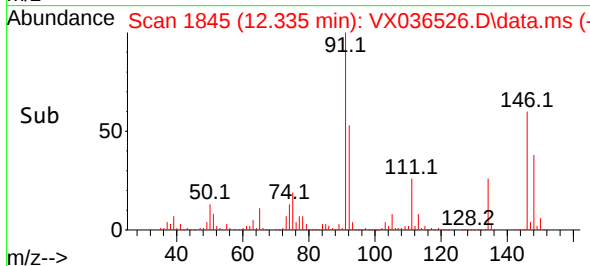
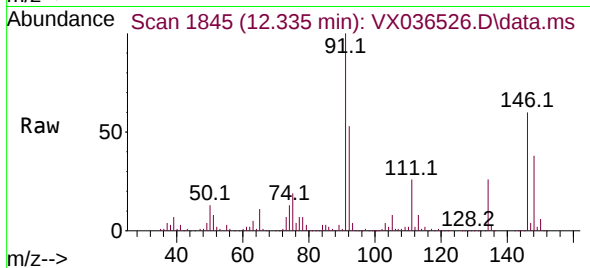
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	64.7	33.2	99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 49.205 ug/l

RT: 12.945 min Scan# 1945

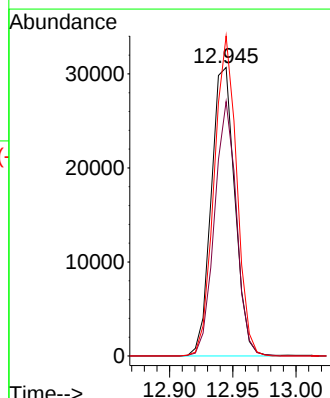
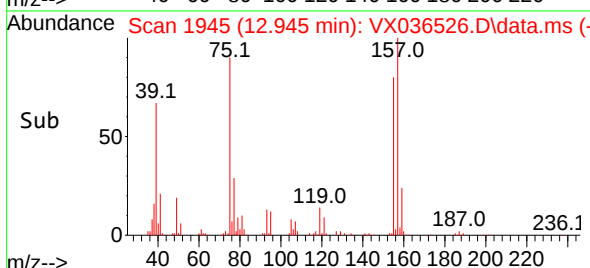
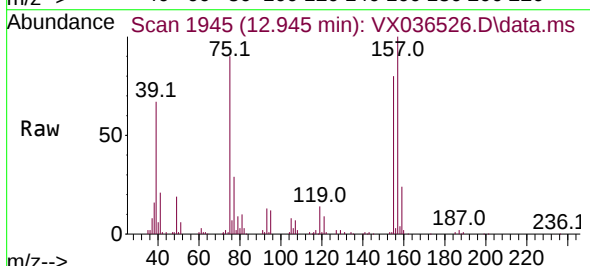
Delta R.T. -0.000 min

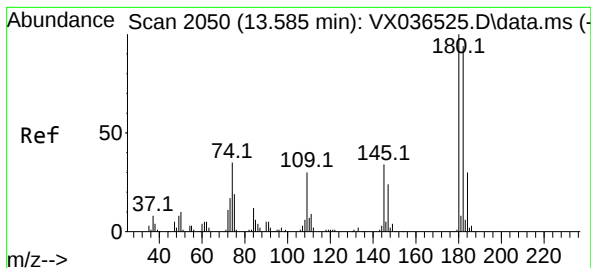
Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Tgt Ion: 75 Resp: 39991

Ion	Ratio	Lower	Upper
75	100		
155	81.2	62.7	94.1
157	105.3	81.5	122.3





#89

1,2,4-Trichlorobenzene

Concen: 48.645 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

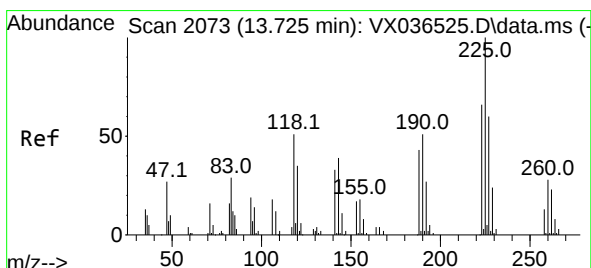
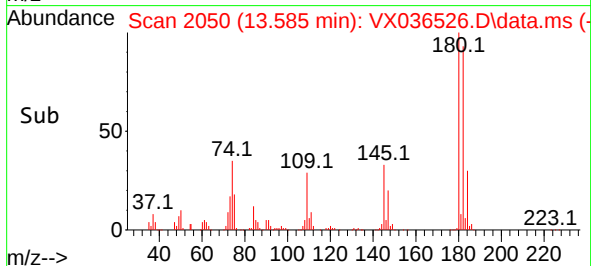
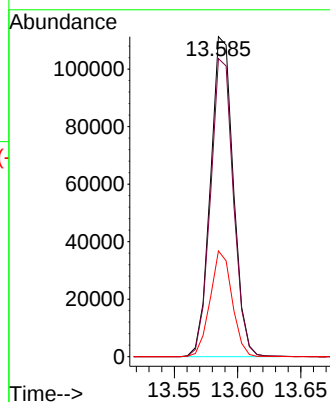
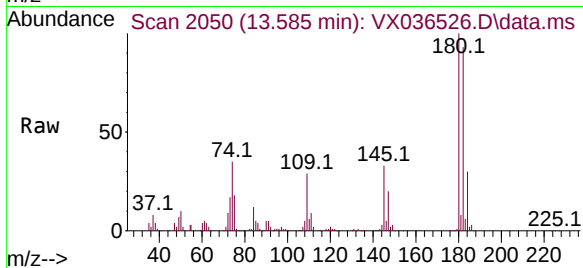
Tgt Ion:	180	Resp:	140104
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.6	113.4
145	31.7	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#90

Hexachlorobutadiene

Concen: 45.878 ug/l

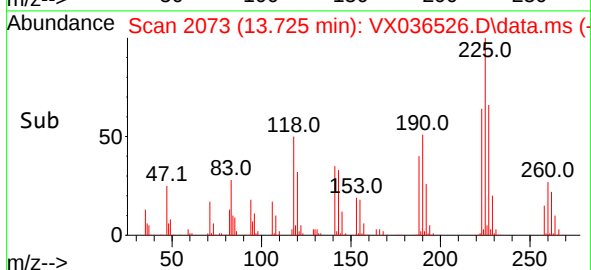
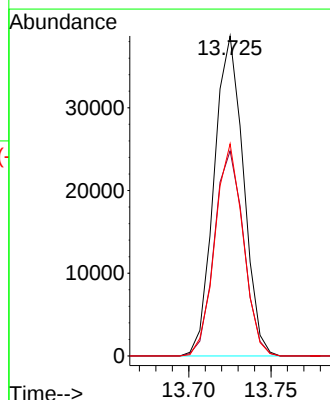
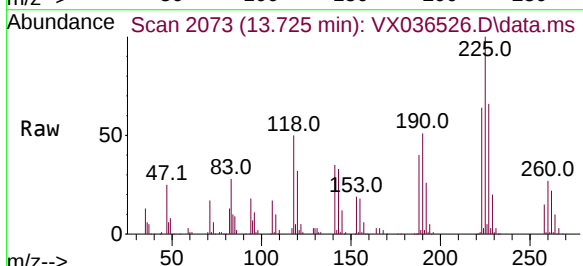
RT: 13.725 min Scan# 2073

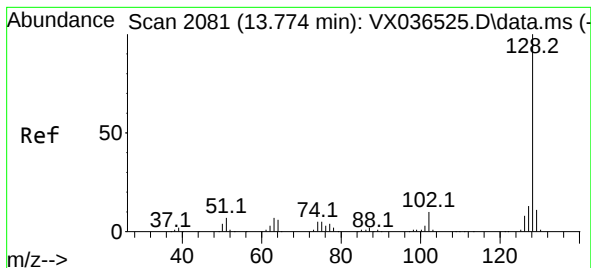
Delta R.T. -0.000 min

Lab File: VX036526.D

Acq: 13 Jul 2023 14:56

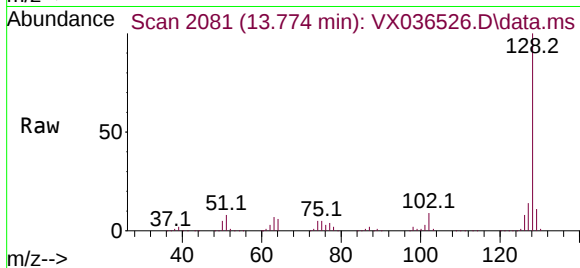
Tgt Ion:	225	Resp:	47995
Ion Ratio	Lower	Upper	
225	100		
223	63.9	0.0	124.2
227	63.7	0.0	120.4





#91
Naphthalene
Concen: 49.504 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56

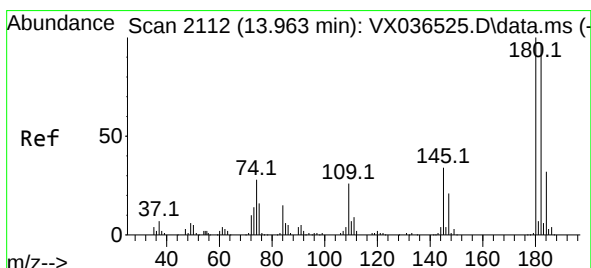
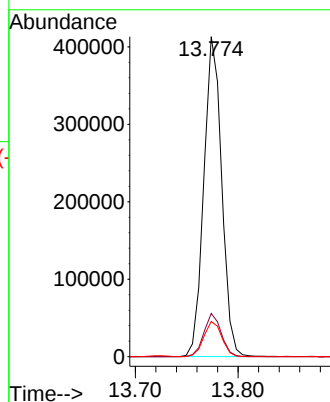
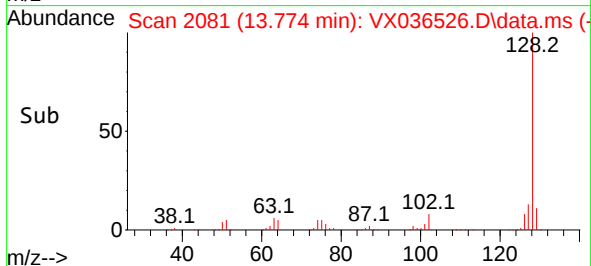
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



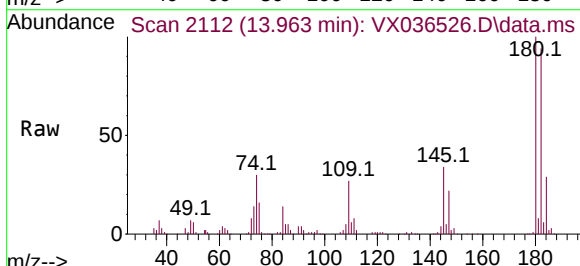
Tgt Ion:128 Resp: 500285
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 47.471 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036526.D
Acq: 13 Jul 2023 14:56



Tgt Ion:180 Resp: 138007
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.6
145 34.3 0.0 66.8

