

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036550.D
 Acq On : 14 Jul 2023 09:47
 Operator : JC/MD
 Sample : VX0715WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Semsettin Yesilyurt 07/17/2023

Quant Time: Jul 17 01:26:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	35438	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	199985	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	179842	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	84434	28.707	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.700%
60) 4-Bromofluorobenzene	11.079	95	88410	30.306	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.033%
63) Toluene-d8	8.647	98	253869	30.677	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	38801	19.596	ug/l	98
3) Chloromethane	1.295	50	46466	17.153	ug/l	99
4) Vinyl Chloride	1.374	62	49910	17.868	ug/l	99
5) Bromomethane	1.612	94	49777	17.401	ug/l	100
6) Chloroethane	1.685	64	34755	18.280	ug/l	98
7) Trichlorofluoromethane	1.892	101	86017	18.981	ug/l	98
8) Diethyl Ether	2.136	74	32457	17.237	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	39245	19.127	ug/l	97
10) 1,1-Dichloroethene	2.319	96	37500	18.083	ug/l	92
11) Methyl Iodide	2.453	142	41400	17.519	ug/l	99
12) Methyl Acetate	2.703	43	80377	16.489	ug/l	93
13) Acrolein	2.246	56	24295	60.754	ug/l	95
14) Acrylonitrile	3.063	53	112264	82.163	ug/l	98
15) Acetone	2.386	58	31249	80.781	ug/l	97
16) Carbon Disulfide	2.514	76	93730	18.629	ug/l	99
17) Allyl chloride	2.666	41	62865	17.088	ug/l	97
18) Methylene Chloride	2.788	84	43181	17.293	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	40678	17.946	ug/l	89
20) Diisopropyl ether	3.757	45	132254	17.639	ug/l	89
21) 1,1-Dichloroethane	3.611	63	76884	17.588	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	48107	17.634	ug/l	100
23) tert-Butyl Alcohol	2.971	59	48894	77.059	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	131710	17.465	ug/l	99
25) Chloroform	5.093	83	80397	17.790	ug/l	95
26) Cyclohexane	5.471	56	65323	19.478	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	60281	19.989	ug/l	97
30) 2-Butanone	4.556	43	157900	83.157	ug/l	99
31) 2,2-Dichloropropane	4.471	77	60216	18.208	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	67036	18.707	ug/l	99
33) Carbon Tetrachloride	5.672	117	56979	18.638	ug/l	96
34) Benzene	6.038	78	169942	18.282	ug/l	98
35) Methacrylonitrile	4.916	41	34280	17.400	ug/l	97
36) 1,2-Dichloroethane	6.086	62	64509	18.074	ug/l	99
37) Trichloroethene	7.123	130	45180	18.467	ug/l	97
38) Methylcyclohexane	7.379	83	72474	20.658	ug/l	98
39) 1,2-Dichloropropane	7.428	63	44649	17.720	ug/l	92
40) Dibromomethane	7.580	93	31715	17.377	ug/l	98
41) Bromodichloromethane	7.824	83	58447	17.645	ug/l	98
42) Vinyl Acetate	3.721	43	503933	87.863	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	62015	16.778	ug/l	98
44) Isopropyl Acetate	6.336	43	100179	16.995	ug/l	97
45) 1,4-Dioxane	7.678	88	21849	326.554	ug/l #	1
46) Methyl methacrylate	7.690	41	48318	17.151	ug/l	92
47) n-amyl Acetate	10.842	43	86583	17.318	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	62289	17.145	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	68694	17.504	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	44651	18.022	ug/l	96
51) Ethyl methacrylate	9.116	69	68072	17.500	ug/l	98
52) 1,3-Dichloropropane	9.311	76	76964	18.407	ug/l	97
53) Dibromochloromethane	9.519	129	44430	17.766	ug/l	99
54) 1,2-Dibromoethane	9.610	107	47424	18.221	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	183518	87.725	ug/l	100
56) Bromoform	10.799	173	29407	16.902	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	324293	87.202	ug/l	100
59) 2-Hexanone	9.427	43	245487	86.769	ug/l	99
61) Tetrachloroethene	9.275	164	40453	18.780	ug/l	96
62) Toluene	8.720	91	185985	18.432	ug/l	97
64) Chlorobenzene	10.080	112	114135	18.169	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	41566	18.321	ug/l	97
66) Ethyl Benzene	10.195	91	205811	18.767	ug/l	96
67) m/p-Xylenes	10.299	106	160984	37.655	ug/l	100
68) o-Xylene	10.640	106	78396	18.476	ug/l	96
69) Styrene	10.659	104	126625	18.406	ug/l	98
70) Isopropylbenzene	10.964	105	203544	19.260	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	69039	17.899	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	64004m	17.907	ug/l	
73) Bromobenzene	11.195	156	48344	18.506	ug/l	98
74) n-propylbenzene	11.305	91	243464	19.574	ug/l	100
75) 2-Chlorotoluene	11.366	91	144968	19.166	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	171344	18.868	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	18555	15.809	ug/l	98
78) 4-Chlorotoluene	11.451	91	163452	18.979	ug/l	100
79) tert-butylbenzene	11.713	119	165807	19.237	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	172434	19.163	ug/l	100
81) sec-Butylbenzene	11.890	105	216279	19.936	ug/l	99
82) p-Isopropyltoluene	12.006	119	177585	19.675	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	90360	18.596	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	90474	18.685	ug/l	100
85) n-Butylbenzene	12.329	91	161103	19.608	ug/l	100
86) Hexachloroethane	12.536	117	26984	18.057	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	90426	18.553	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14451	16.662	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	55994	18.218	ug/l	100
90) Hexachlorobutadiene	13.725	225	22717	20.349	ug/l	98
91) Naphthalene	13.774	128	190286	17.644	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	55934	18.030	ug/l	99

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

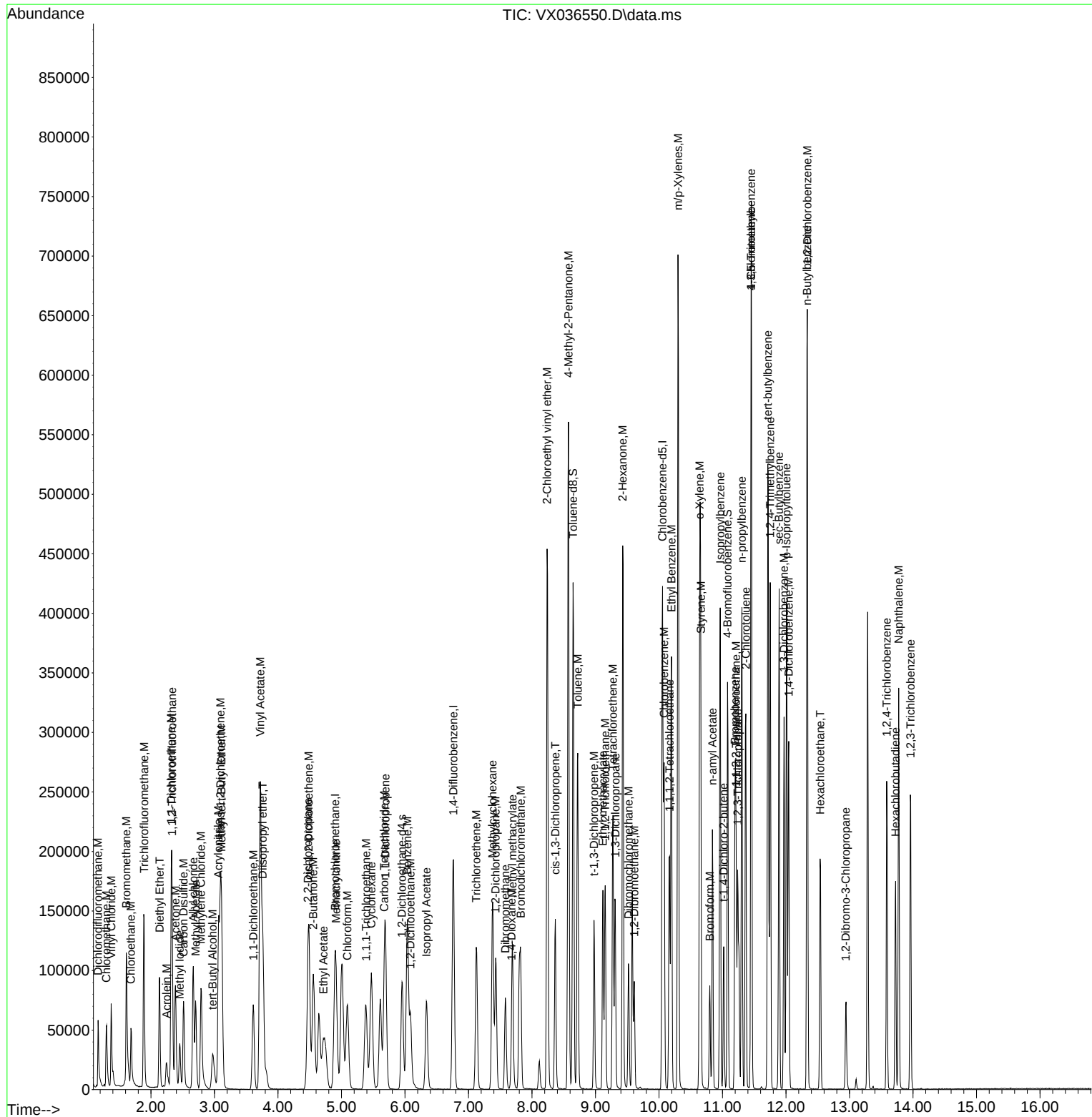
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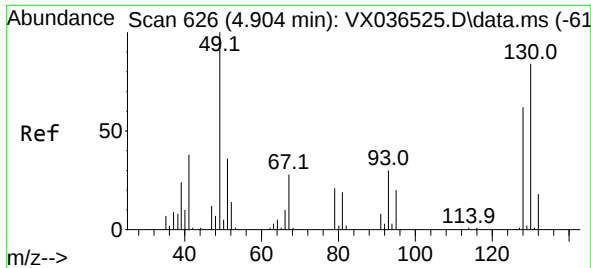
Instrument :
 MSVOA_X
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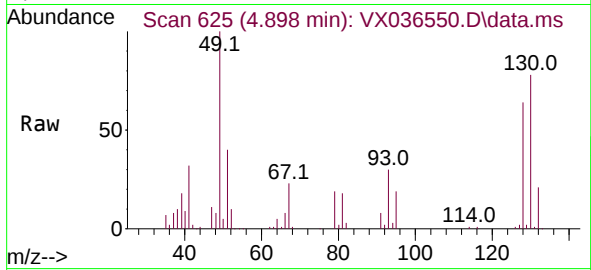
Reviewed By : John Carlone 07/17/2023
 Supervised By : Semsettin Yesilyurt 07/17/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

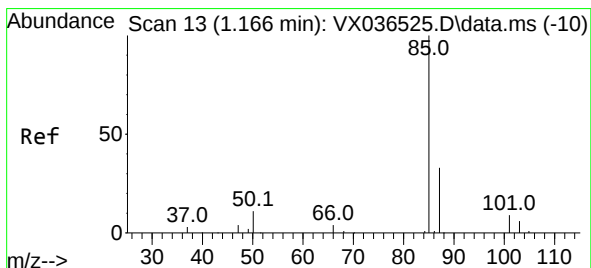
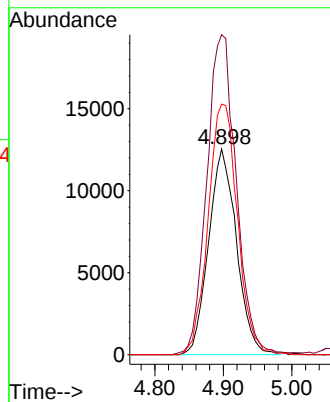
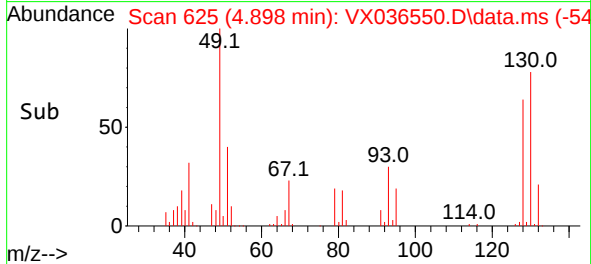
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion:128 Resp: 35438
Ion Ratio Lower Upper
128 100
49 164.4 0.0 406.3
130 127.7 0.0 328.0

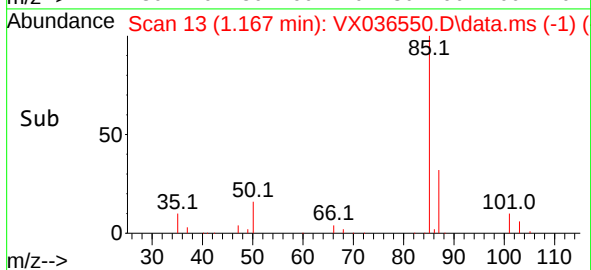
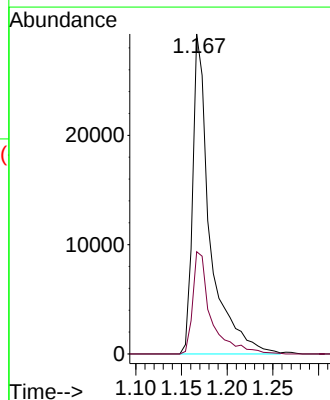
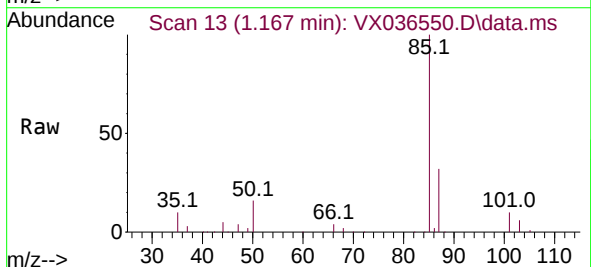
Manual Integrations
APPROVED

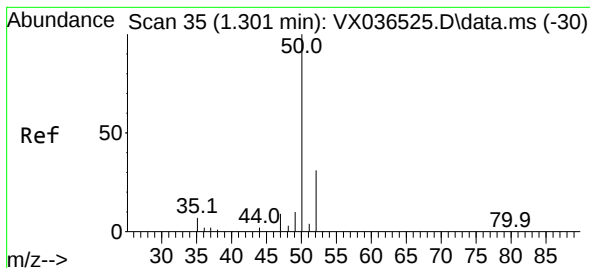
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#2
Dichlorodifluoromethane
Concen: 19.596 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Tgt Ion: 85 Resp: 38801
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.4





#3

Chloromethane

Concen: 17.153 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01

Tgt Ion: 50 Resp: 4646

Ion Ratio Lower Upper

50 100

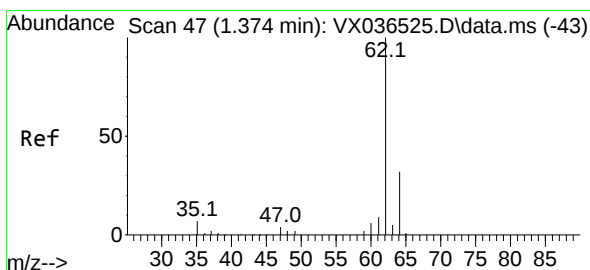
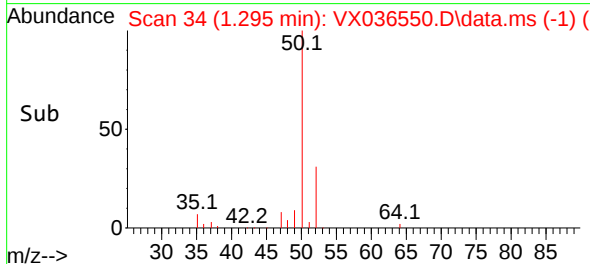
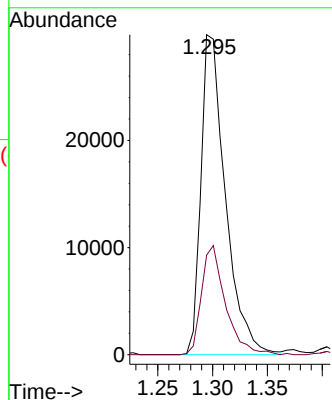
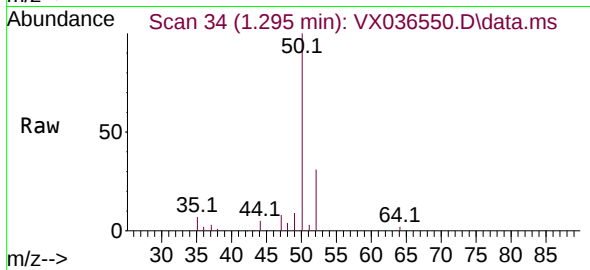
52 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#4

Vinyl Chloride

Concen: 17.868 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036550.D

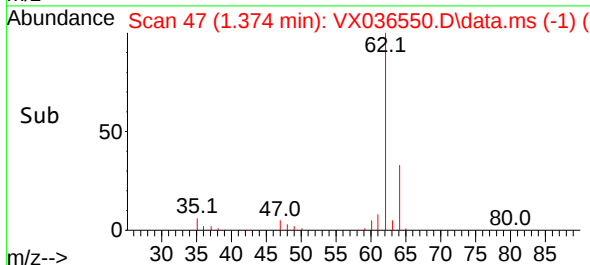
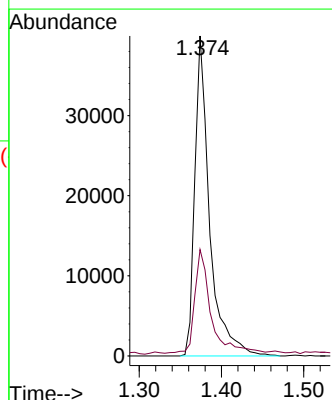
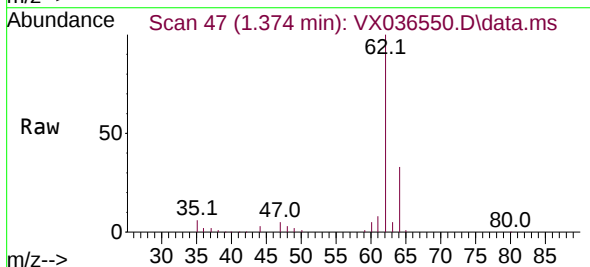
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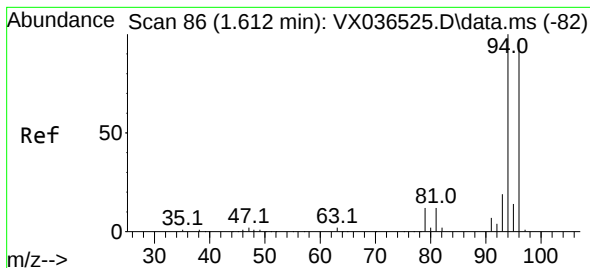
Tgt Ion: 62 Resp: 49910

Ion Ratio Lower Upper

62 100

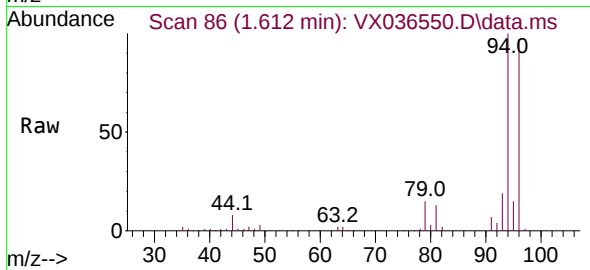
64 32.0 25.3 37.9





#5
Bromomethane
Concen: 17.401 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

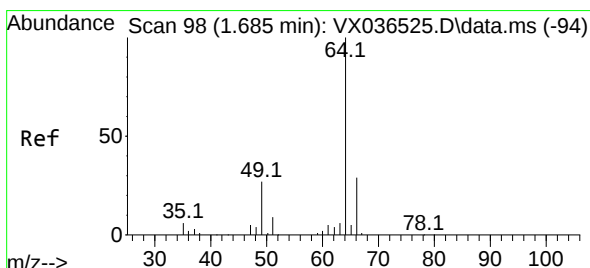
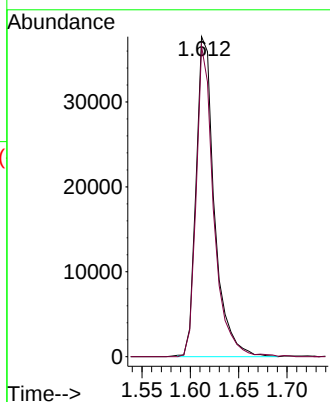
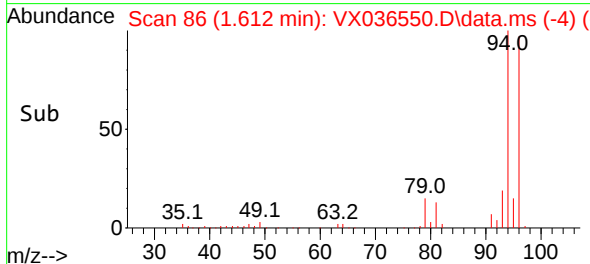
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4977
Ion Ratio Lower Upper
94 100
96 97.0 77.4 116.2

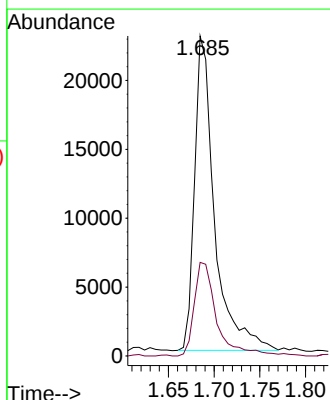
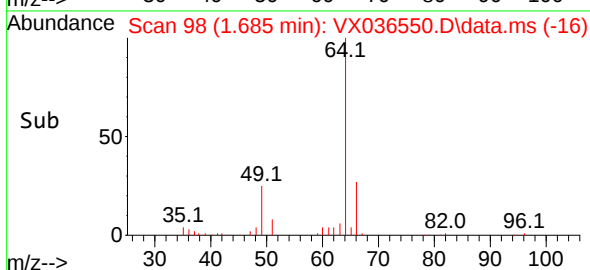
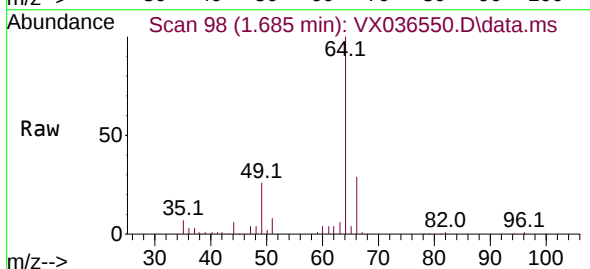
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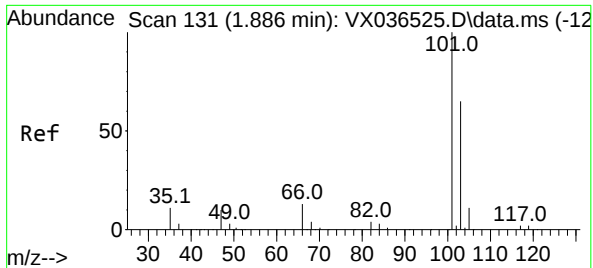
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#6
Chloroethane
Concen: 18.280 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

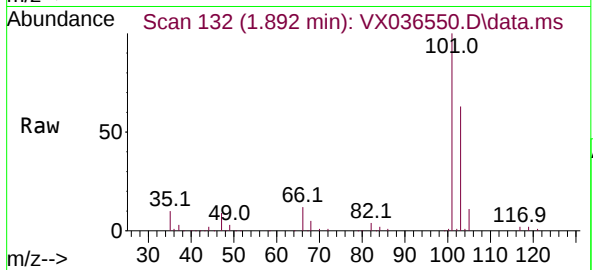
Tgt Ion: 64 Resp: 34755
Ion Ratio Lower Upper
64 100
66 29.8 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 18.981 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX036550.D
 Acq: 14 Jul 2023 09:47

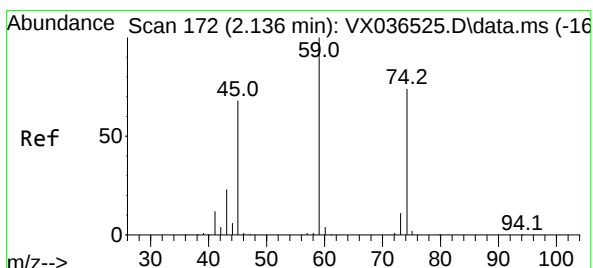
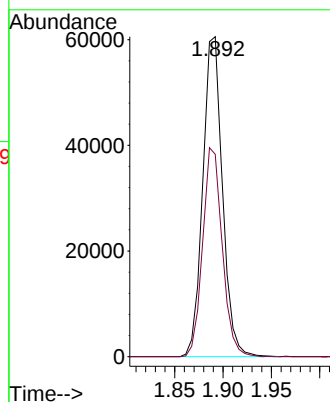
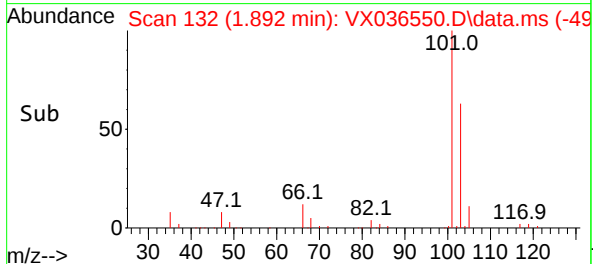
Instrument :
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 ClientSampleId :
 VX0715WBSD01



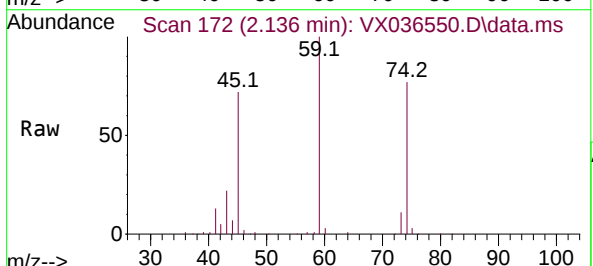
Tgt Ion:101 Resp: 8601
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.2

Manual Integrations
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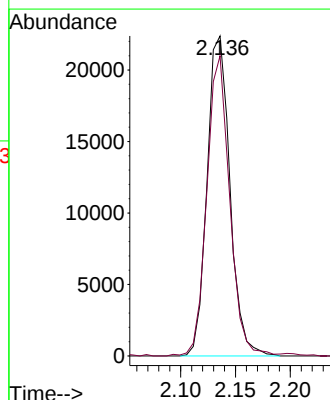
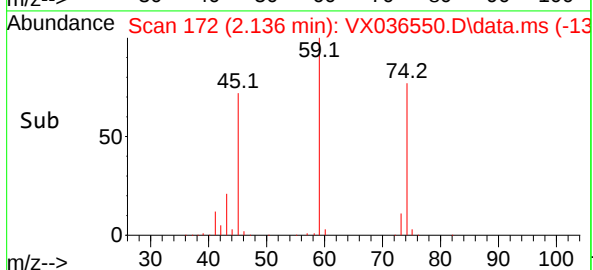
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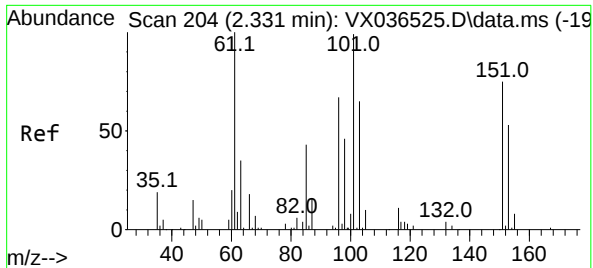


#8
 Diethyl Ether
 Concen: 17.237 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036550.D
 Acq: 14 Jul 2023 09:47



Tgt Ion: 74 Resp: 32457
 Ion Ratio Lower Upper
 74 100
 45 93.3 19.9 178.9





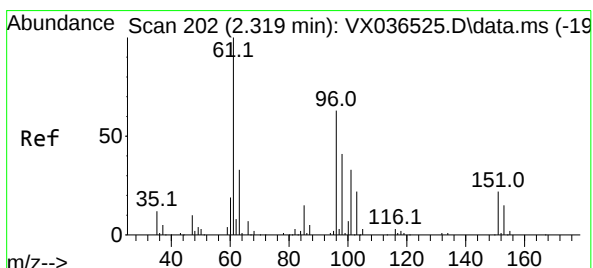
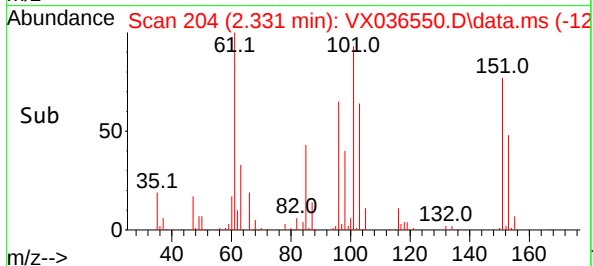
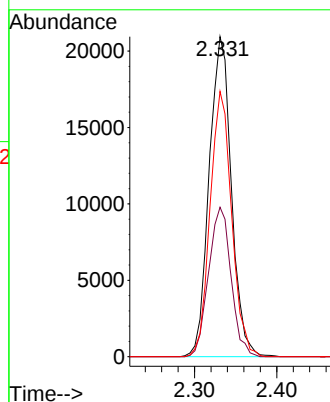
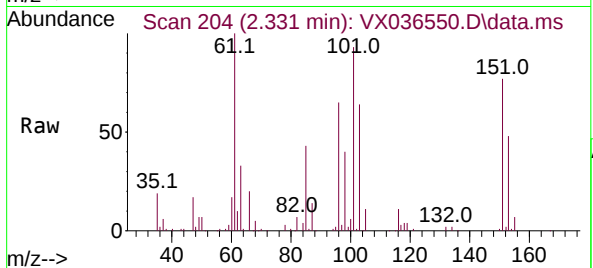
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1,1,2-Trichlorotrifluoroethane
Concen: 19.127 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01

Tgt Ion:101 Resp: 3924
Ion Ratio Lower Upper
101 100
85 47.1 0.0 91.0
151 80.6 0.0 155.4

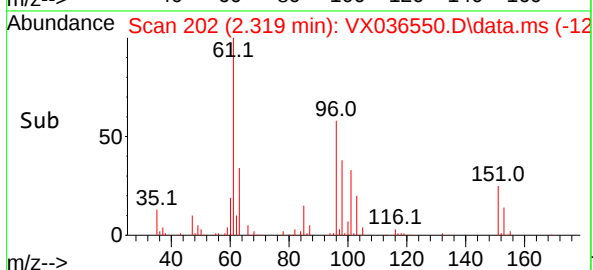
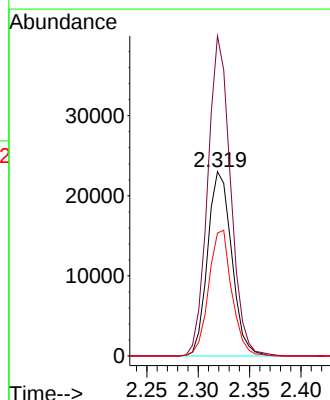
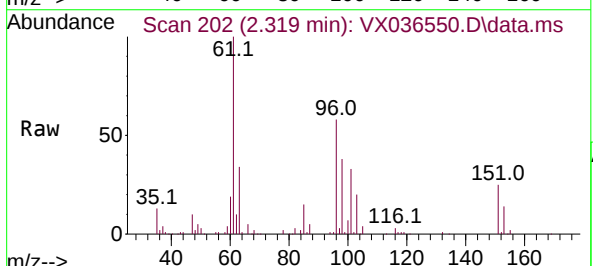
Manual Integrations
APPROVED

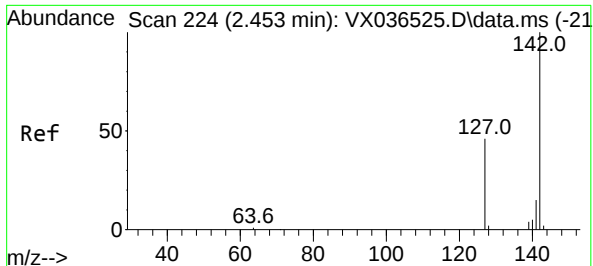
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#10
1,1-Dichloroethene
Concen: 18.083 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

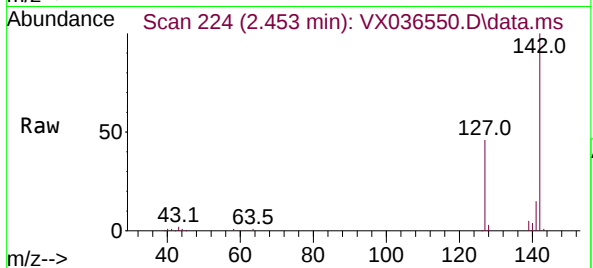
Tgt Ion: 96 Resp: 37500
Ion Ratio Lower Upper
96 100
61 173.6 127.2 190.8
98 66.6 52.7 79.1





#11
Methyl Iodide
Concen: 17.519 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

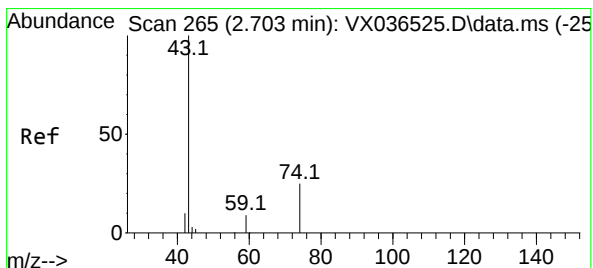
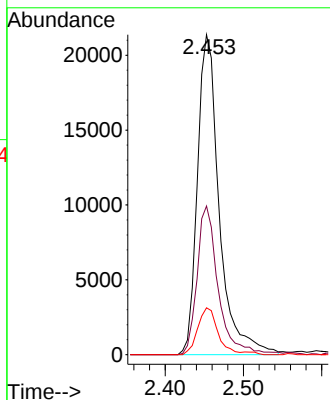
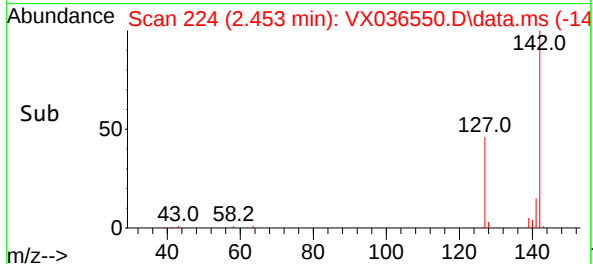
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



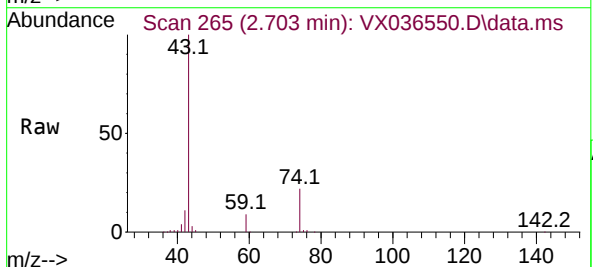
Tgt Ion:142 Resp: 41400
Ion Ratio Lower Upper
142 100
127 46.3 22.9 68.8
141 14.7 7.5 22.6

Manual Integrations
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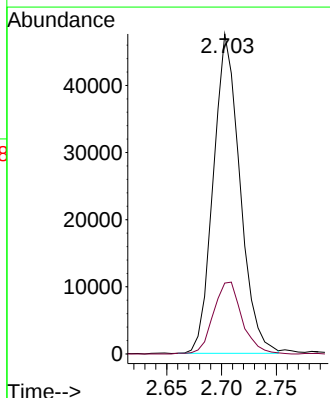
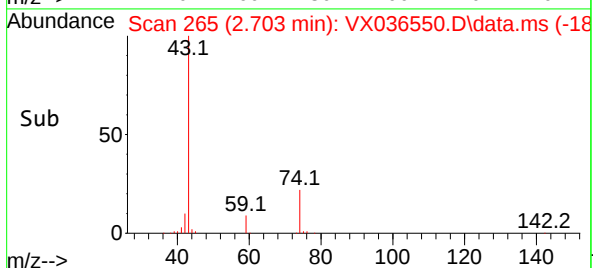
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

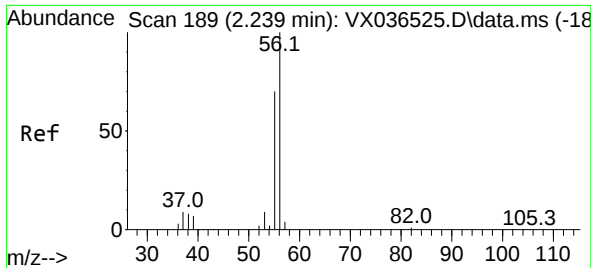


#12
Methyl Acetate
Concen: 16.489 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



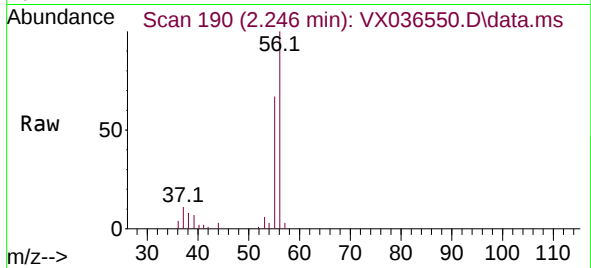
Tgt Ion: 43 Resp: 80377
Ion Ratio Lower Upper
43 100
74 22.0 20.3 30.5





#13
Acrolein
Concen: 60.754 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

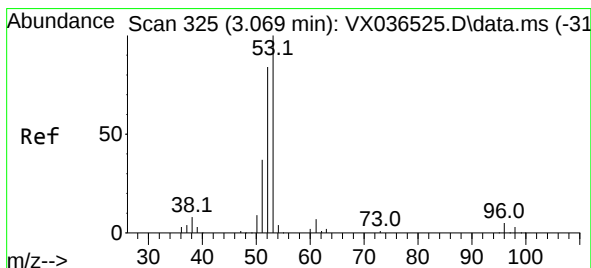
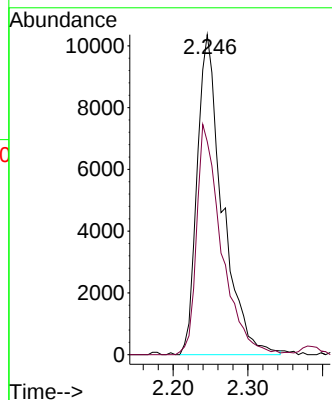
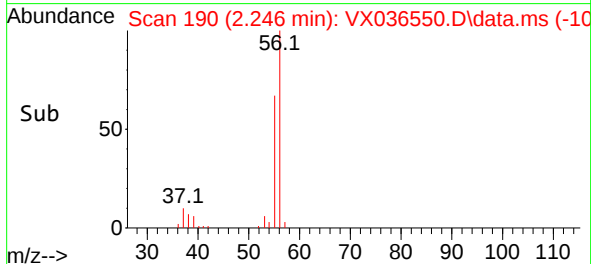
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 56 Resp: 2429
Ion Ratio Lower Upper
56 100
55 70.8 59.7 89.5

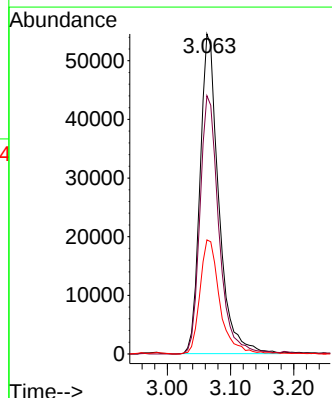
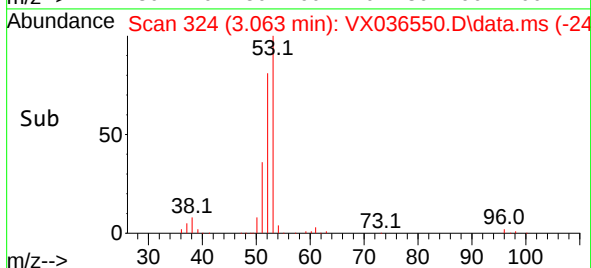
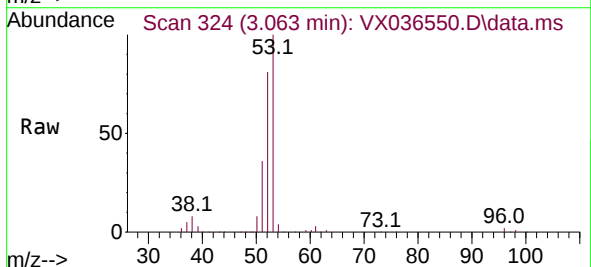
Manual Integrations
APPROVED

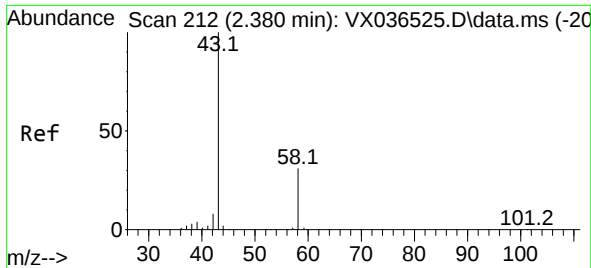
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#14
Acrylonitrile
Concen: 82.163 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

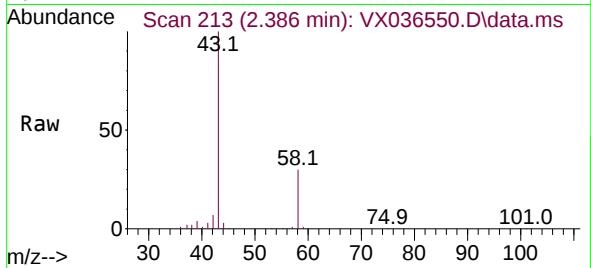
Tgt Ion: 53 Resp: 112264
Ion Ratio Lower Upper
53 100
52 82.0 40.0 119.9
51 37.9 18.2 54.6





#15
Acetone
Concen: 80.781 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

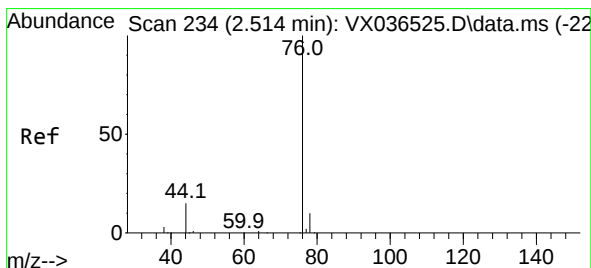
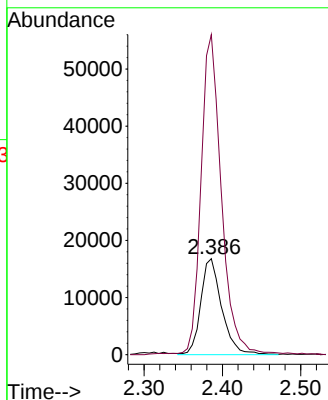
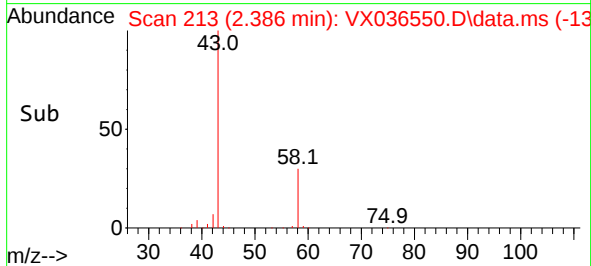
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 58 Resp: 31249
Ion Ratio Lower Upper
58 100
43 333.2 261.0 391.4

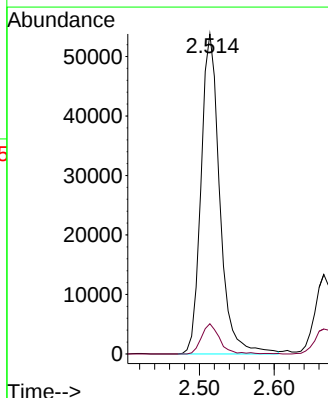
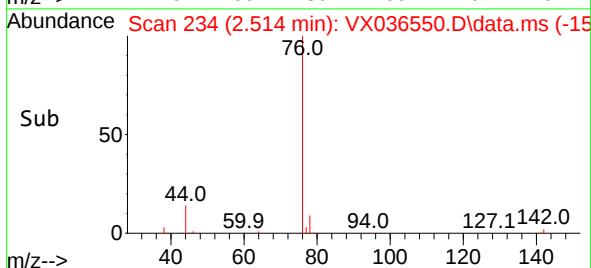
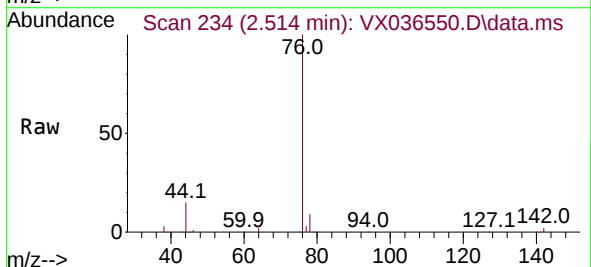
Manual Integrations
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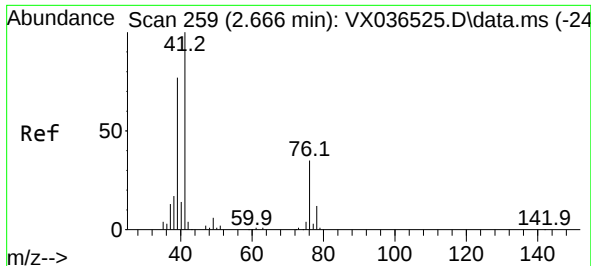
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#16
Carbon Disulfide
Concen: 18.629 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

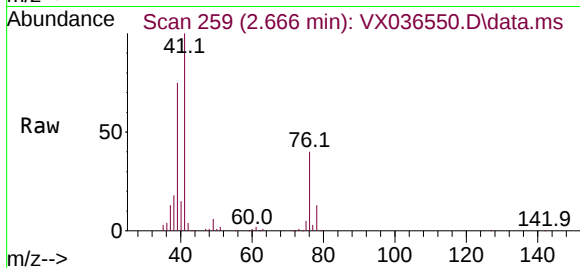
Tgt Ion: 76 Resp: 93730
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17
 Allyl chloride
 Concen: 17.088 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036550.D
 Acq: 14 Jul 2023 09:47

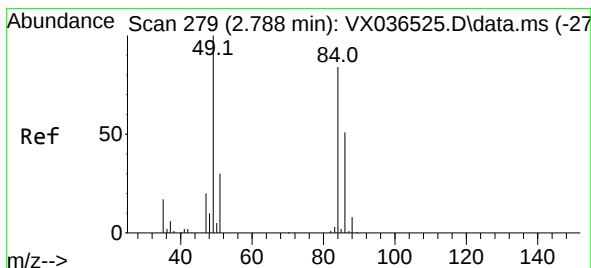
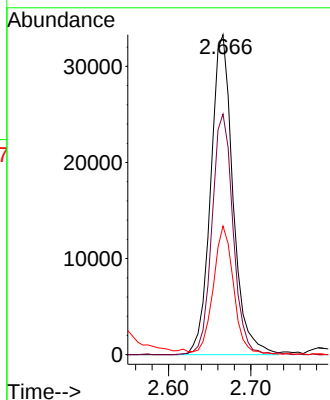
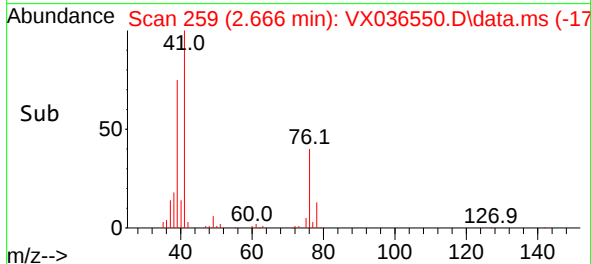
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBSD01



Tgt Ion: 41 Resp: 6286
 Ion Ratio Lower Upper
 41 100
 39 75.0 38.5 115.3
 76 39.9 18.6 55.8

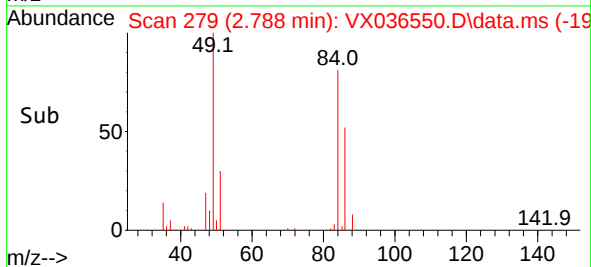
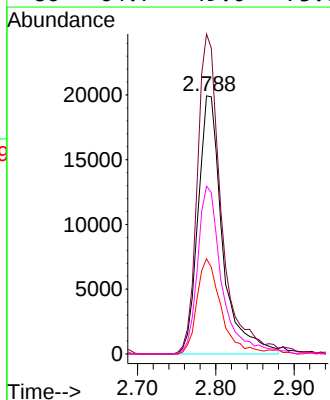
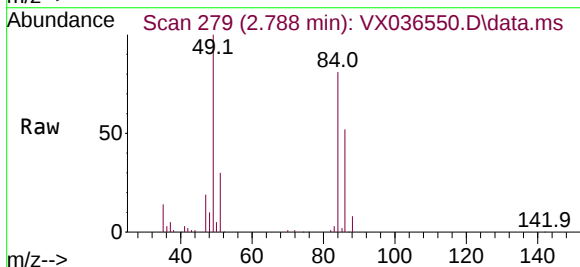
Manual Integrations
 APPROVED

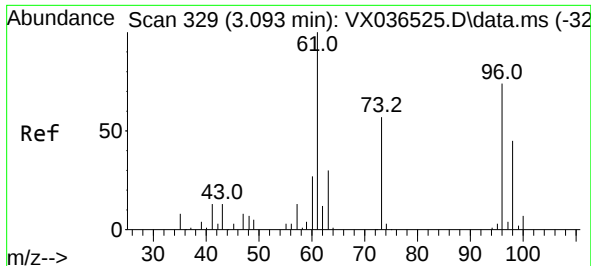
Reviewed By :John Carlone 07/17/2023
 Supervised By :Semsettin Yesilyurt 07/17/2023



#18
 Methylene Chloride
 Concen: 17.293 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX036550.D
 Acq: 14 Jul 2023 09:47

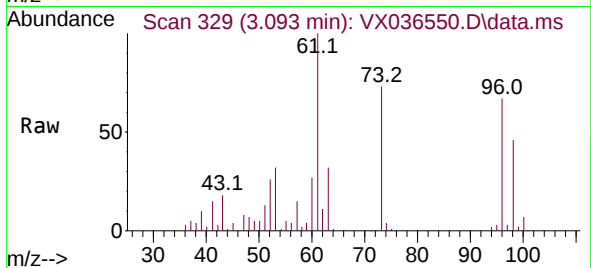
Tgt Ion: 84 Resp: 43181
 Ion Ratio Lower Upper
 84 100
 49 123.2 95.4 143.0
 51 36.9 28.3 42.5
 86 64.7 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 17.946 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

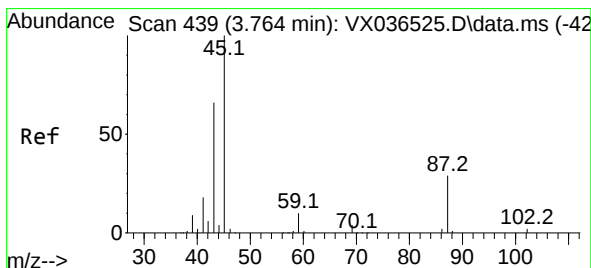
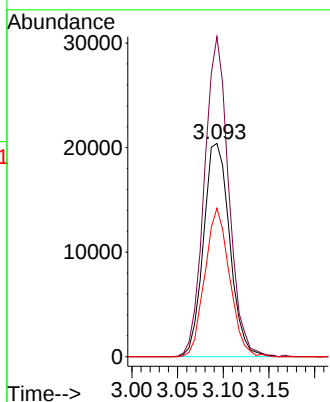
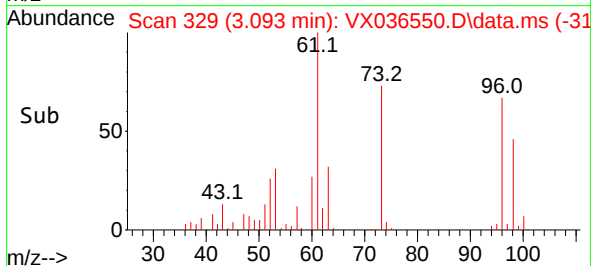
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



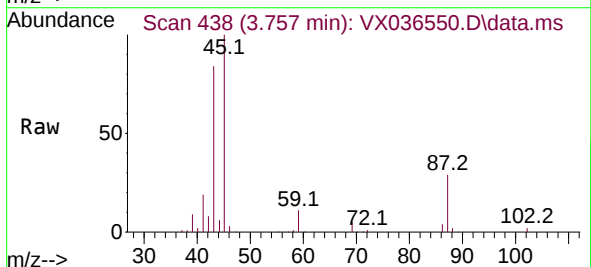
Tgt Ion: 96 Resp: 40678
Ion Ratio Lower Upper
96 100
61 150.0 108.7 163.1
98 69.7 49.1 73.7

Manual Integrations
APPROVED

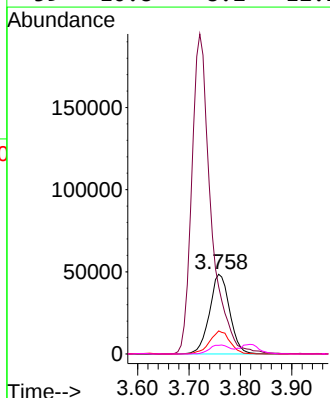
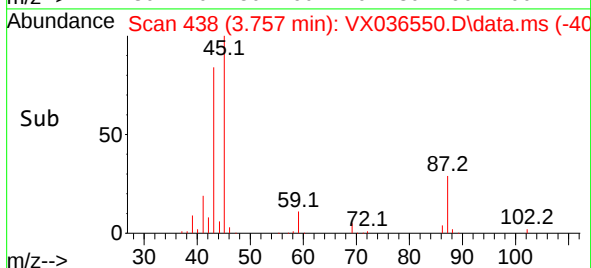
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

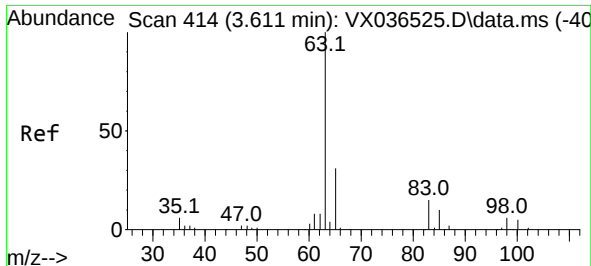


#20
Diisopropyl ether
Concen: 17.639 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



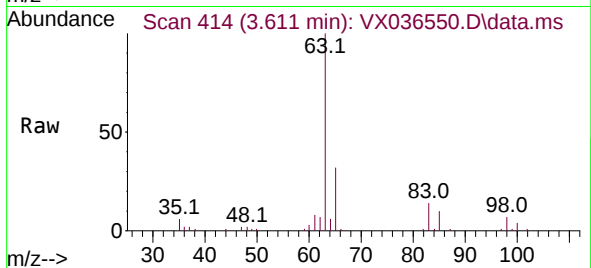
Tgt Ion: 45 Resp: 132254
Ion Ratio Lower Upper
45 100
43 83.4 55.8 83.6
87 28.9 23.0 34.4
59 10.8 8.2 12.2





#21
1,1-Dichloroethane
Concen: 17.588 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

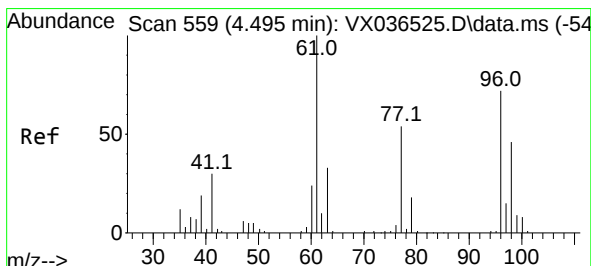
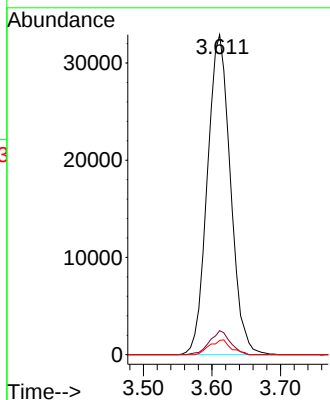
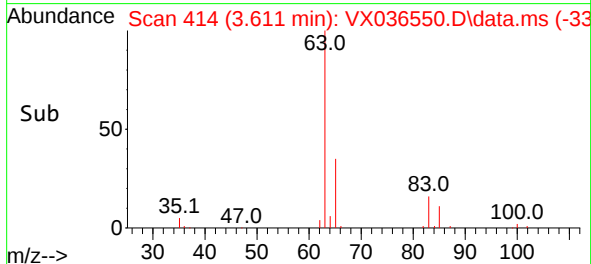
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 63 Resp: 76884
Ion Ratio Lower Upper
63 100
98 7.5 3.2 9.6
100 4.4 2.3 6.8

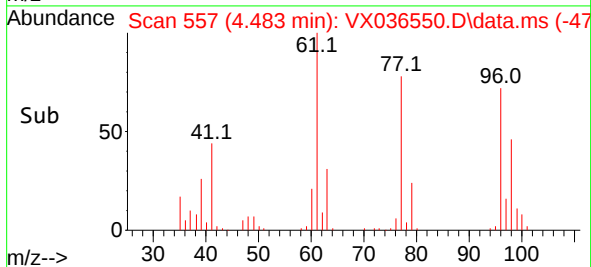
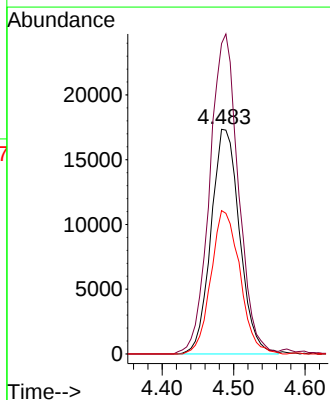
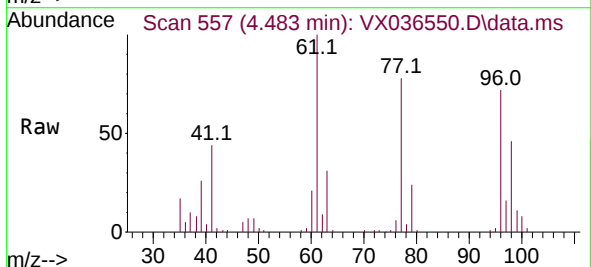
Manual Integrations
APPROVED

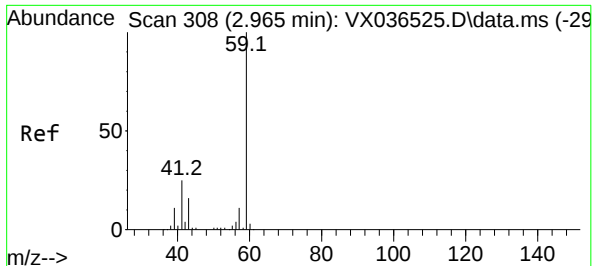
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#22
cis-1,2-Dichloroethene
Concen: 17.634 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

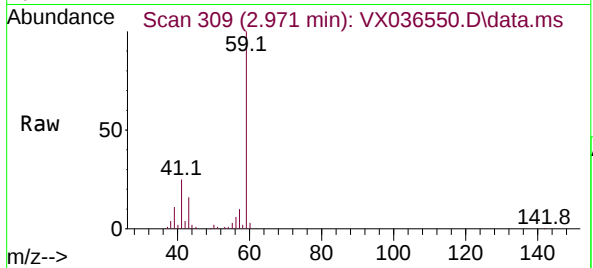
Tgt Ion: 96 Resp: 48107
Ion Ratio Lower Upper
96 100
61 143.2 114.0 171.0
98 64.6 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 77.059 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

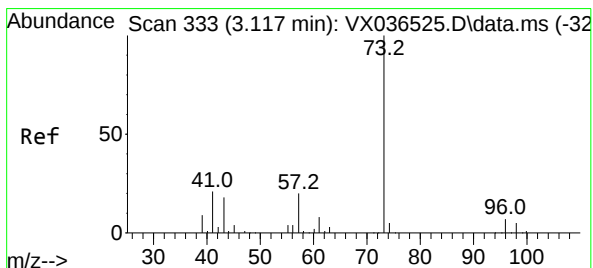
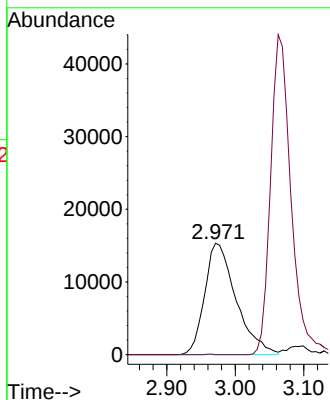
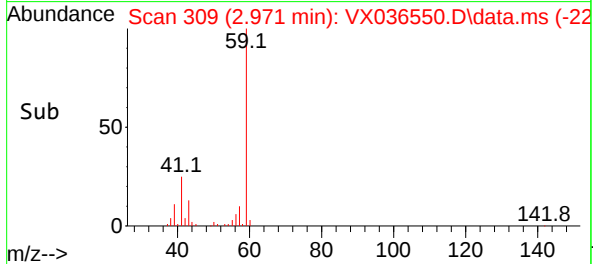
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 59 Resp: 48894
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8

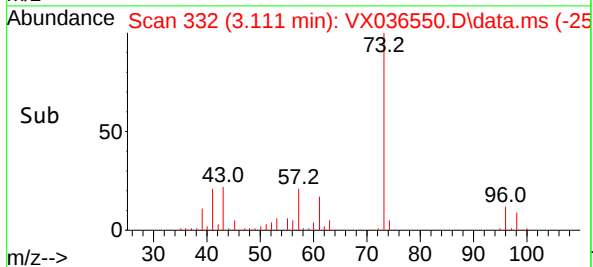
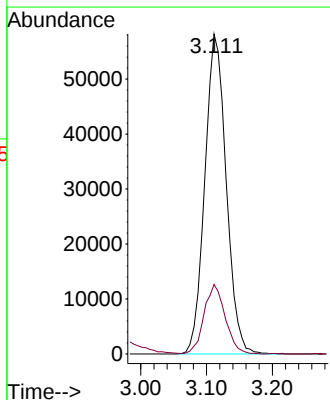
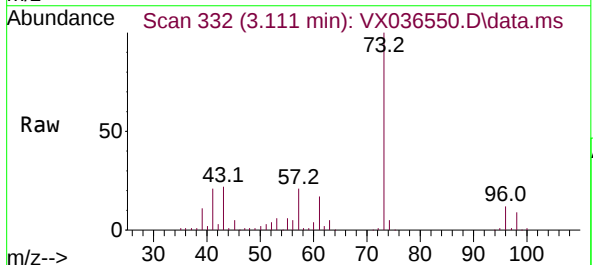
Manual Integrations
APPROVED

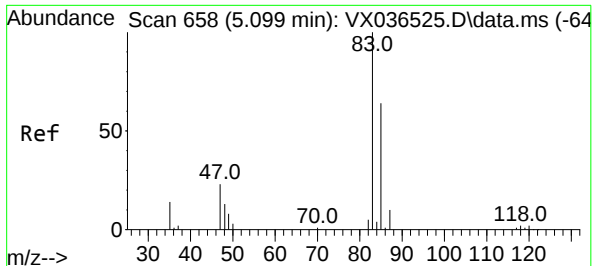
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#24
Methyl tert-Butyl Ether
Concen: 17.465 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Tgt Ion: 73 Resp: 131710
Ion Ratio Lower Upper
73 100
43 21.5 16.8 25.2





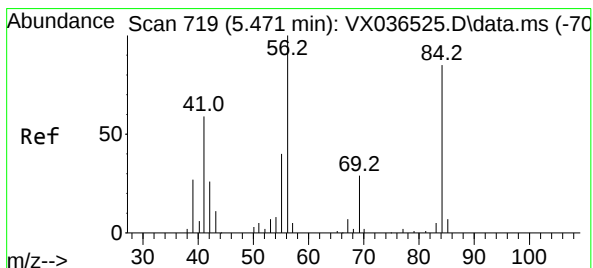
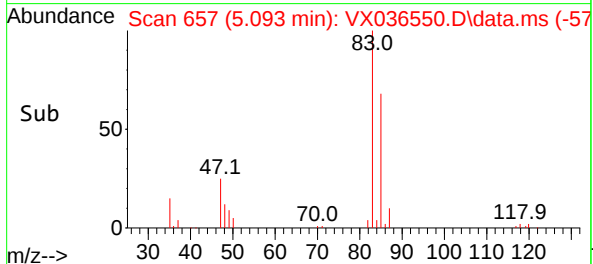
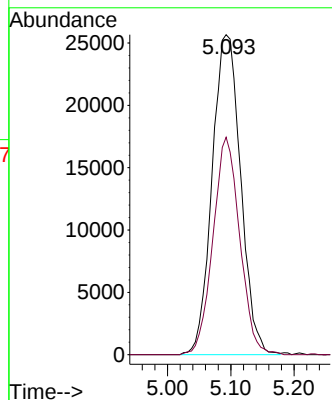
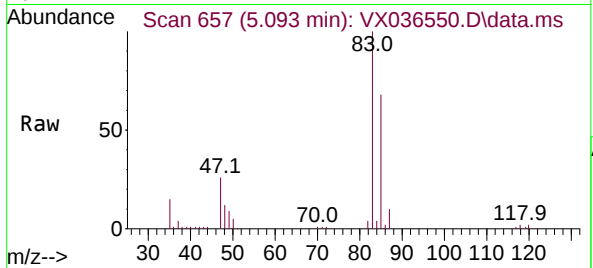
#25
Chloroform
Concen: 17.790 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01

Tgt Ion: 83 Resp: 8039
Ion Ratio Lower Upper
83 100
85 67.9 51.5 77.3

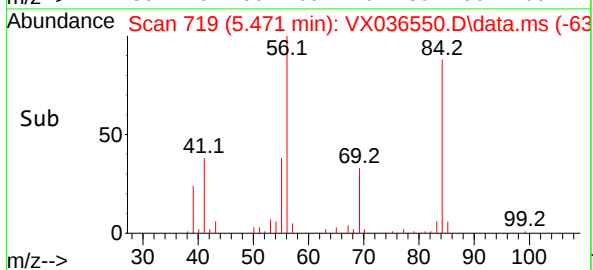
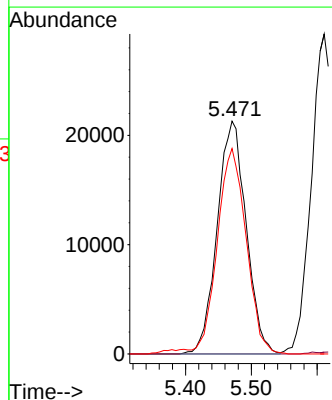
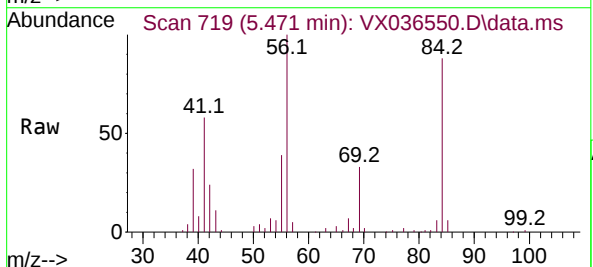
Manual Integrations
APPROVED

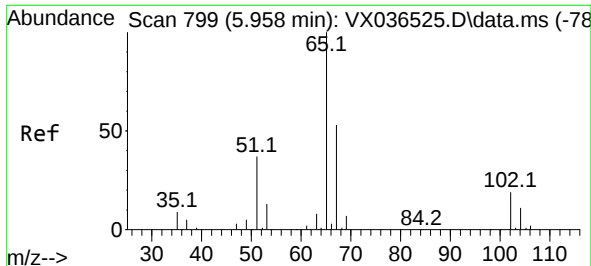
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#26
Cyclohexane
Concen: 19.478 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

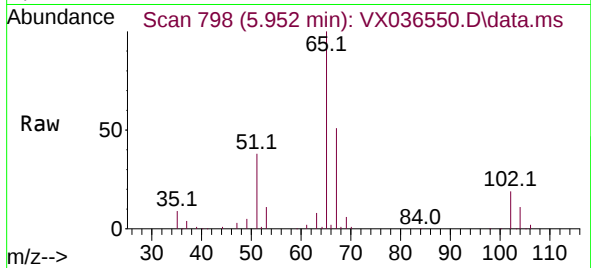
Tgt Ion: 56 Resp: 65323
Ion Ratio Lower Upper
56 100
89 0.3 0.0 0.0#
84 87.6 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 28.707 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

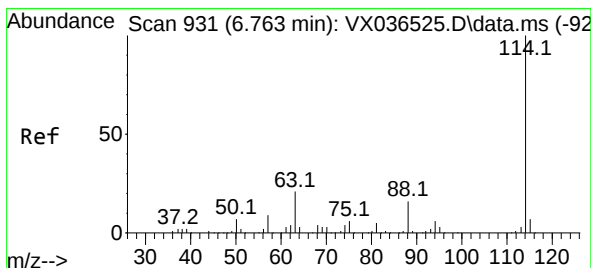
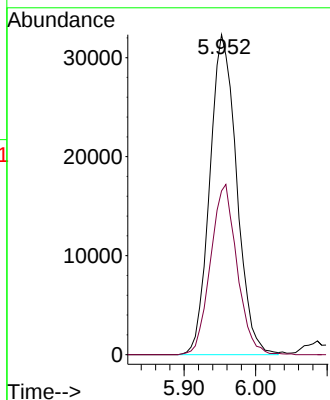
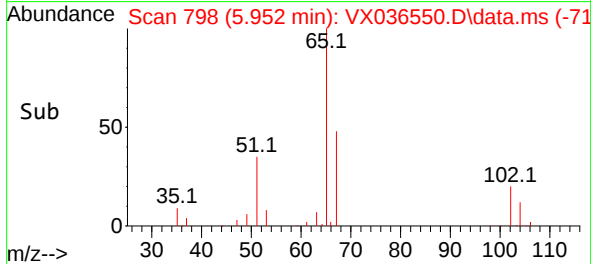
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 65 Resp: 84434
Ion Ratio Lower Upper
65 100
67 52.2 42.1 63.1

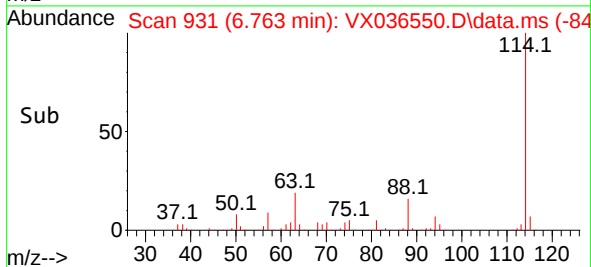
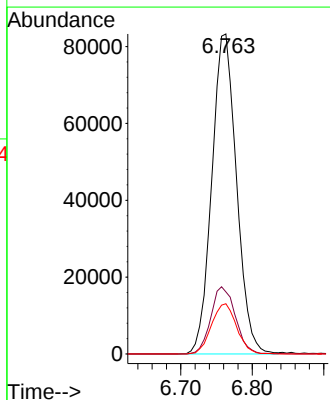
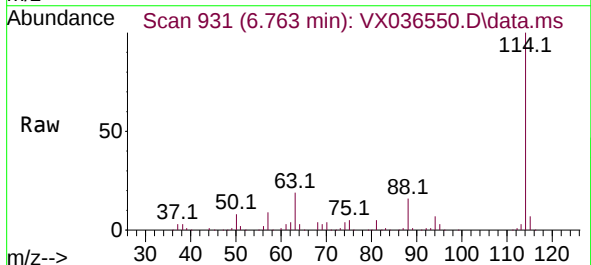
Manual Integrations
APPROVED

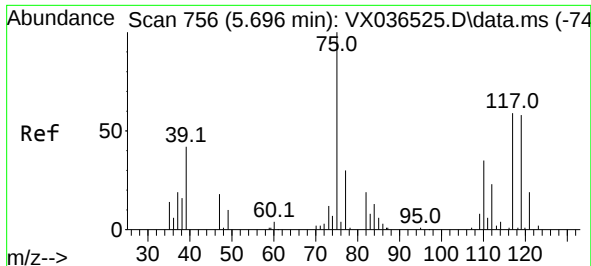
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Tgt Ion:114 Resp: 199985
Ion Ratio Lower Upper
114 100
63 20.8 16.6 24.8
88 15.9 12.9 19.3





#29

1,1-Dichloropropene

Concen: 19.989 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01

Tgt Ion: 75 Resp: 6028

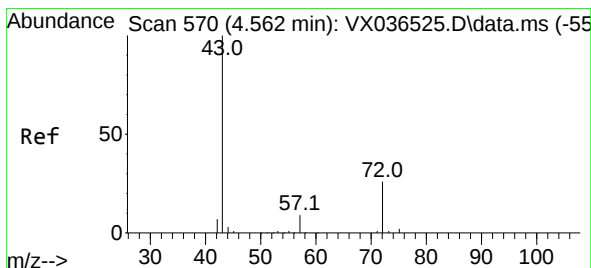
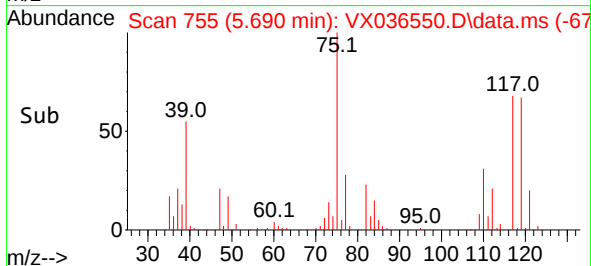
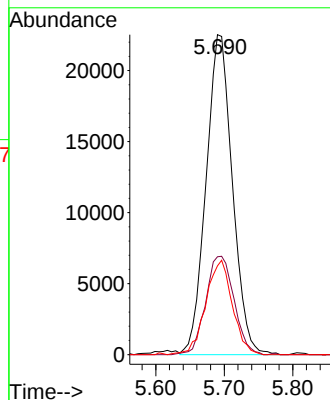
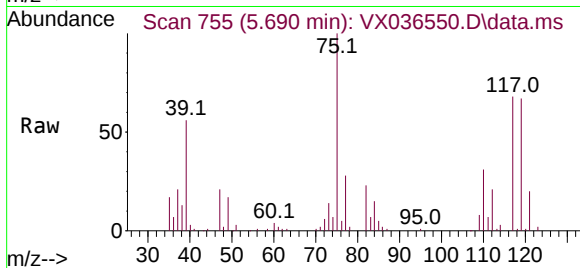
Ion	Ratio	Lower	Upper
75	100		
110	32.9	0.0	70.4
77	29.8	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#30

2-Butanone

Concen: 83.157 ug/l

RT: 4.556 min Scan# 569

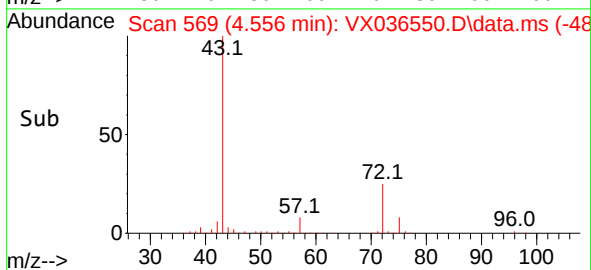
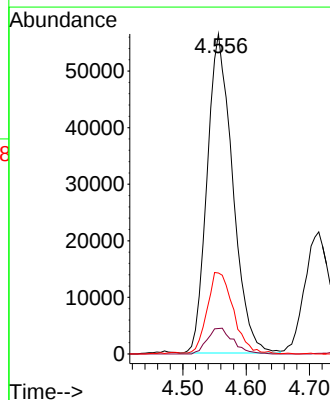
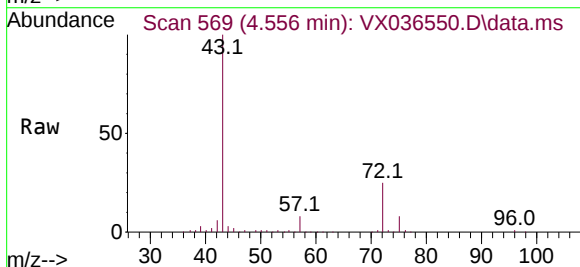
Delta R.T. -0.006 min

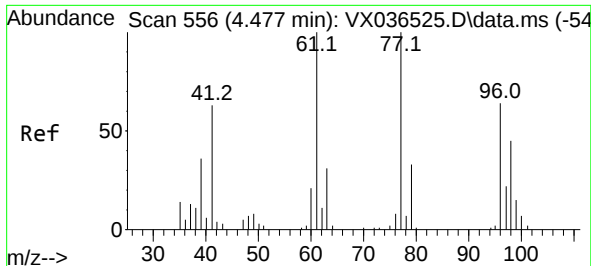
Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Tgt Ion: 43 Resp: 157900

Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.4	9.6
72	26.2	21.6	32.4





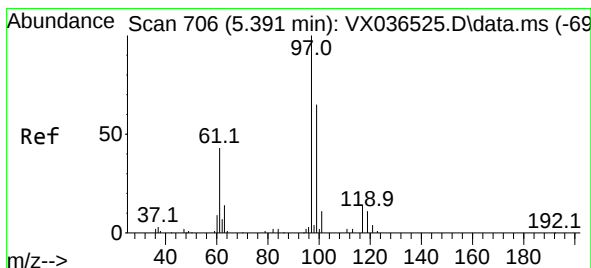
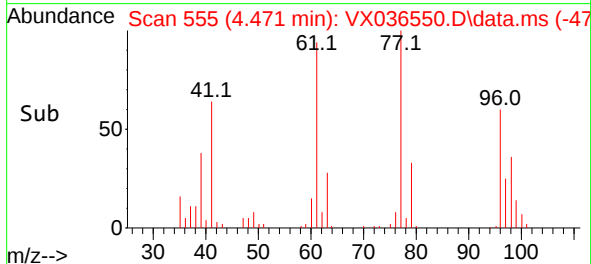
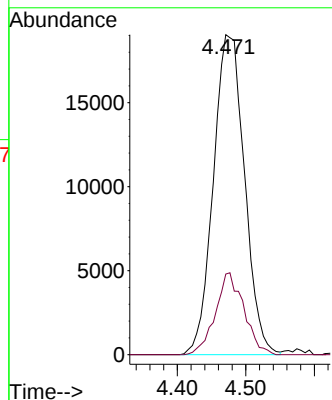
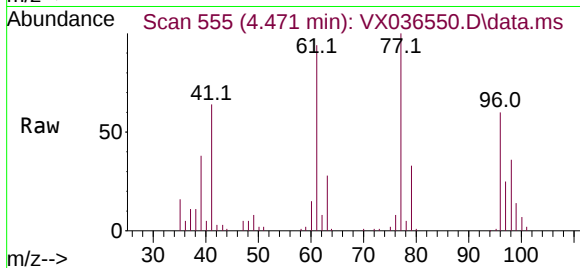
#31
2,2-Dichloropropane
Concen: 18.208 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01

Tgt Ion: 77 Resp: 60210
Ion Ratio Lower Upper
77 100
97 23.4 18.6 27.8

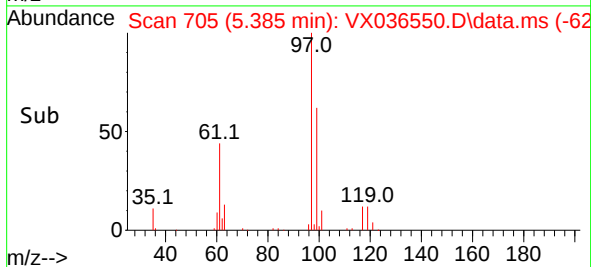
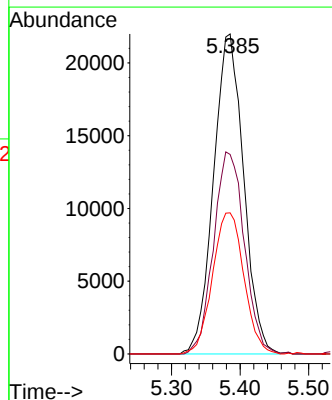
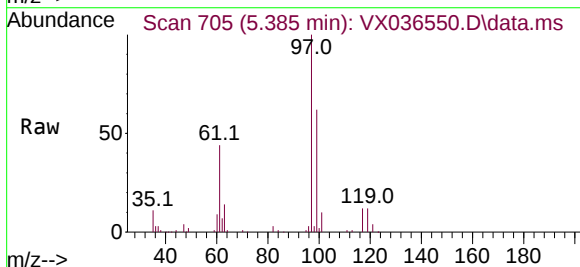
Manual Integrations
APPROVED

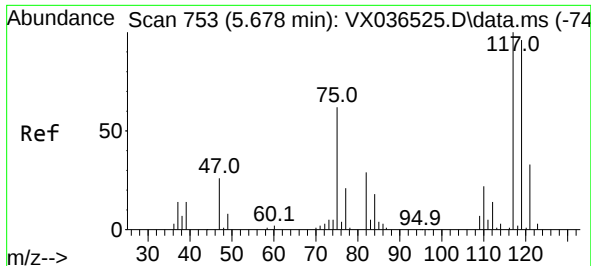
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#32
1,1,1-Trichloroethane
Concen: 18.707 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

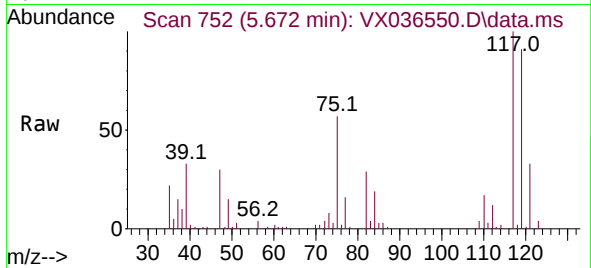
Tgt Ion: 97 Resp: 67036
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 46.0 35.8 53.8





#33
Carbon Tetrachloride
Concen: 18.638 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

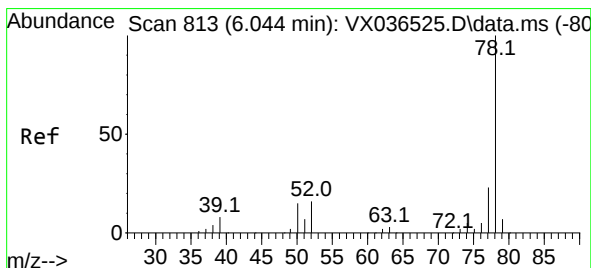
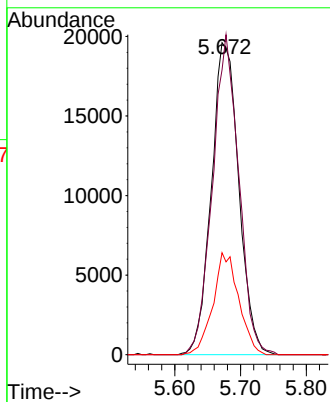
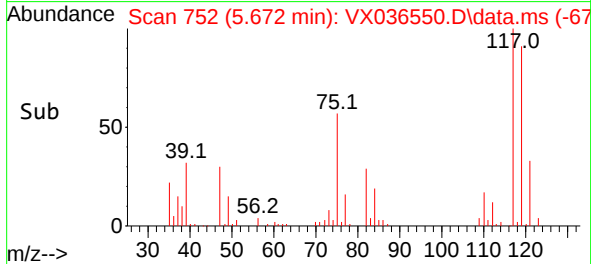
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



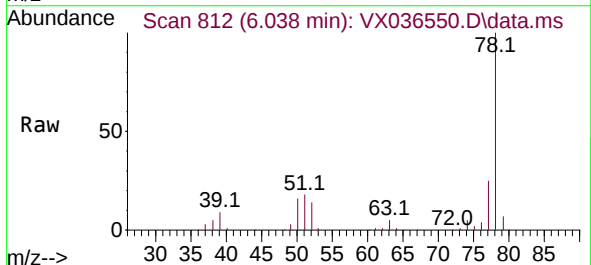
Tgt Ion:117 Resp: 56979
Ion Ratio Lower Upper
117 100
119 91.3 76.6 115.0
121 32.7 26.5 39.7

Manual Integrations
APPROVED

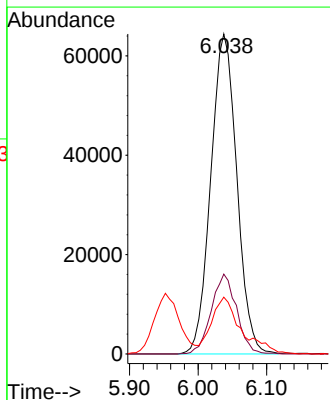
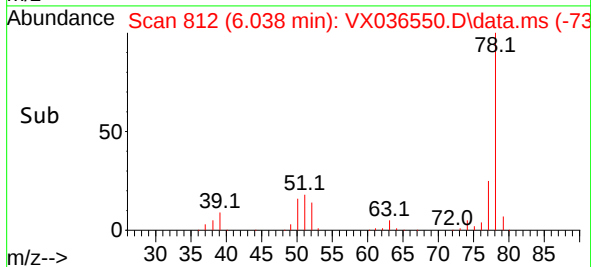
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

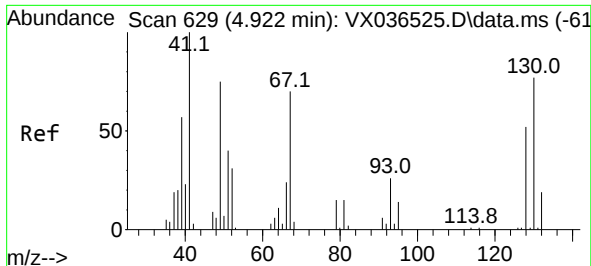


#34
Benzene
Concen: 18.282 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



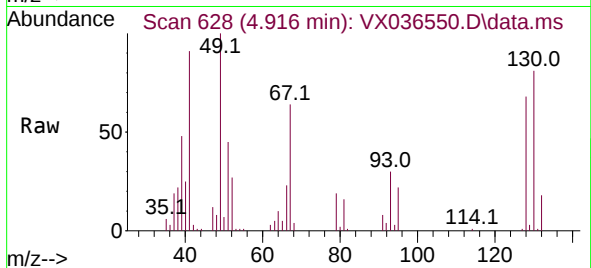
Tgt Ion: 78 Resp: 169942
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1
51 17.2 14.2 21.4





#35
Methacrylonitrile
Concen: 17.400 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

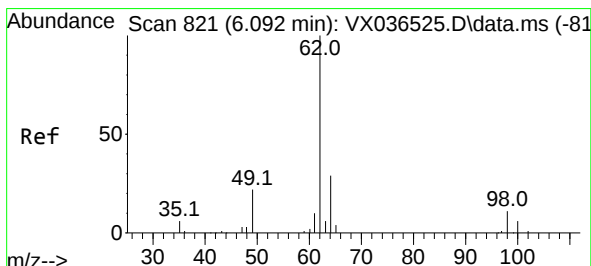
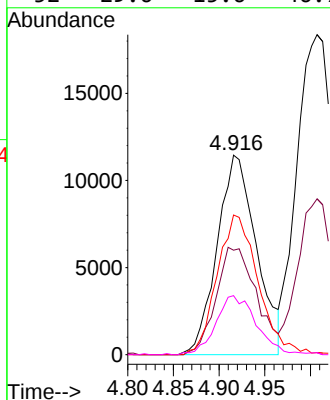
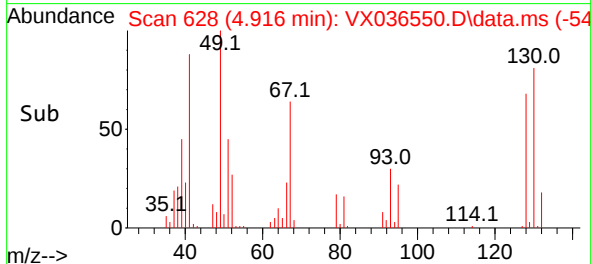
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 41 Resp: 34280
Ion Ratio Lower Upper
41 100
39 52.4 28.2 84.7
67 70.0 35.0 105.1
52 29.6 15.6 46.7

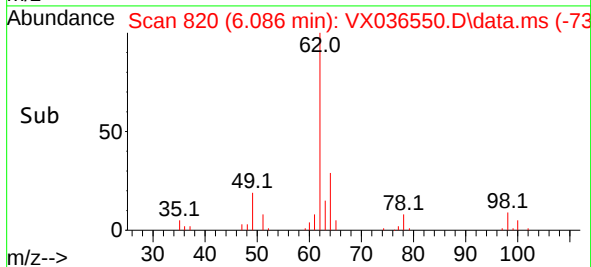
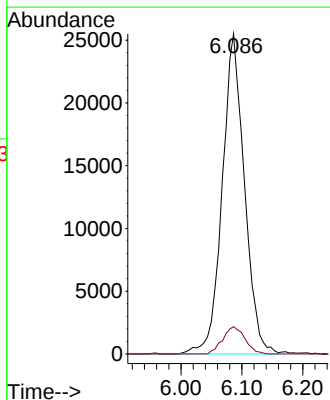
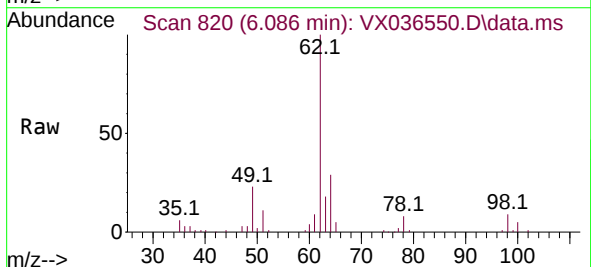
Manual Integrations
APPROVED

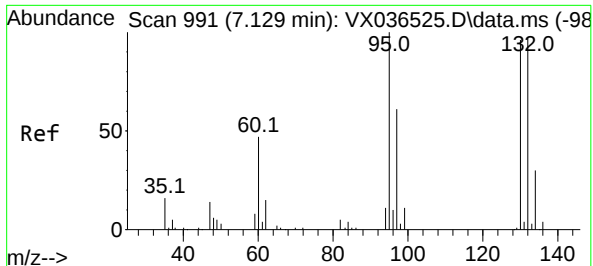
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#36
1,2-Dichloroethane
Concen: 18.074 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Tgt Ion: 62 Resp: 64509
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#37

Trichloroethene

Concen: 18.467 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX036550.D

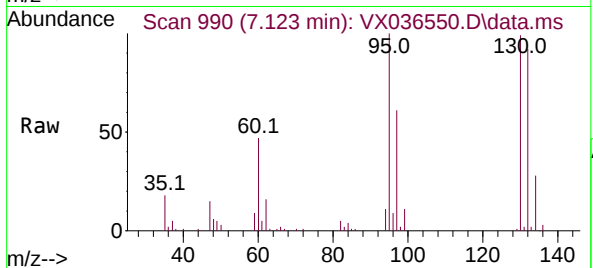
Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01



Tgt Ion:130 Resp: 45180

Ion Ratio Lower Upper

130 100

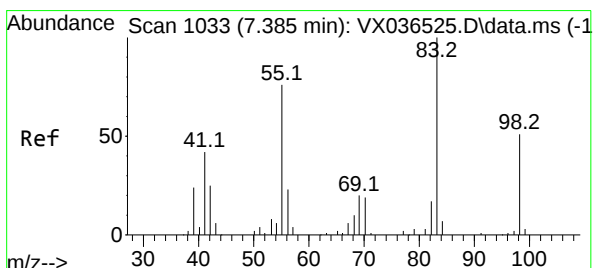
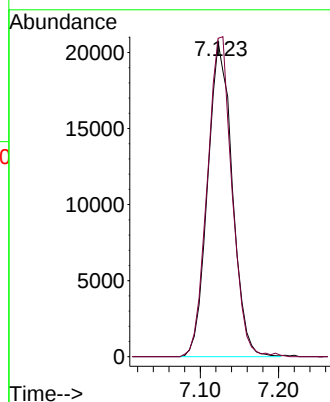
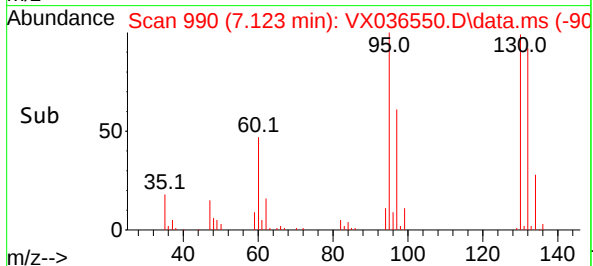
95 101.3 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#38

Methylcyclohexane

Concen: 20.658 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

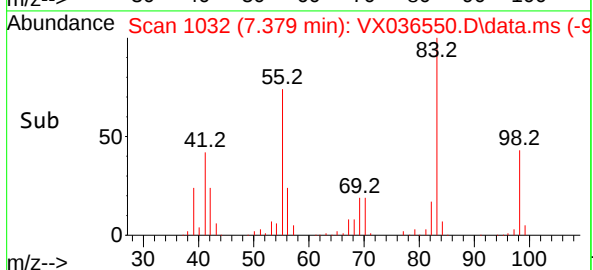
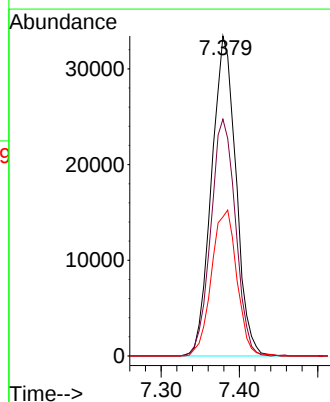
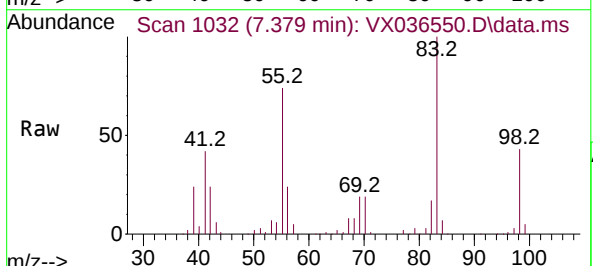
Tgt Ion: 83 Resp: 72474

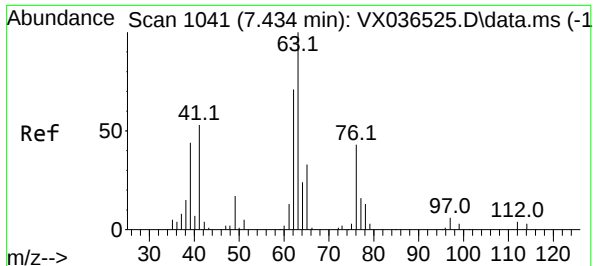
Ion Ratio Lower Upper

83 100

55 74.7 38.1 114.5

98 47.3 24.4 73.4





#39

1,2-Dichloropropane

Concen: 17.720 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01

Tgt Ion: 63 Resp: 44649

Ion Ratio Lower Upper

63 100

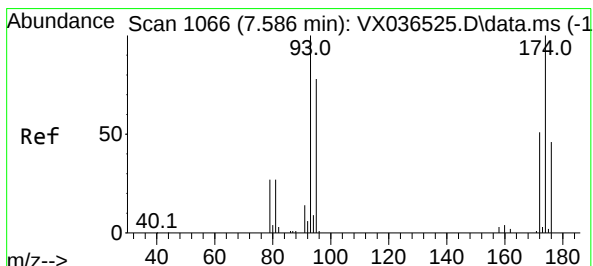
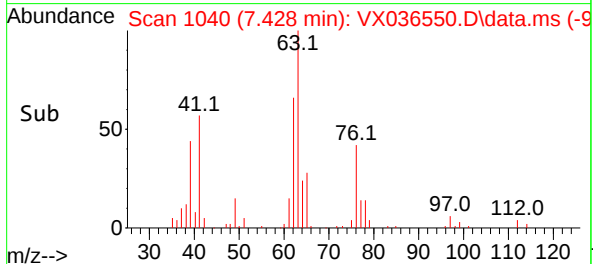
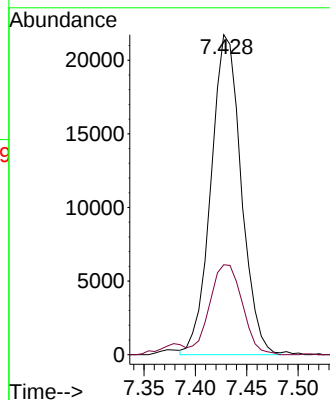
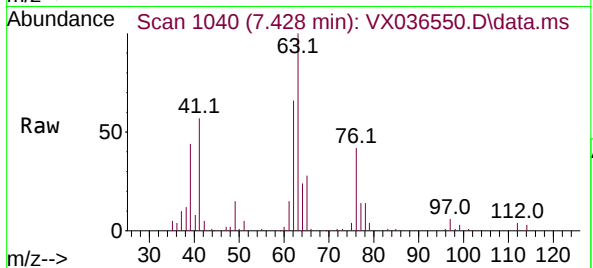
65 28.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#40

Dibromomethane

Concen: 17.377 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

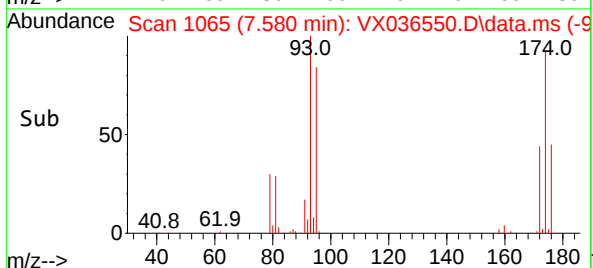
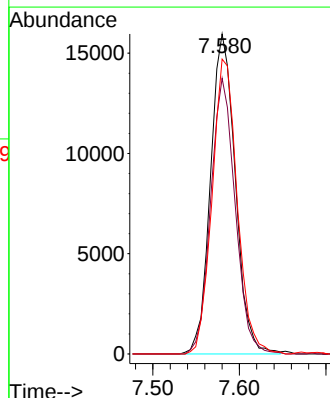
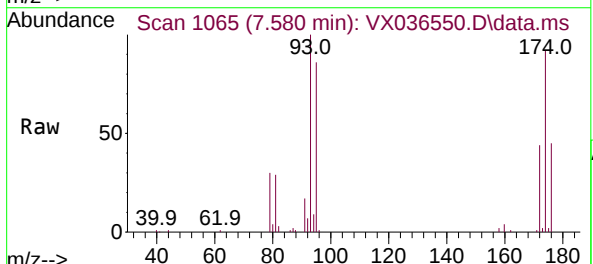
Tgt Ion: 93 Resp: 31715

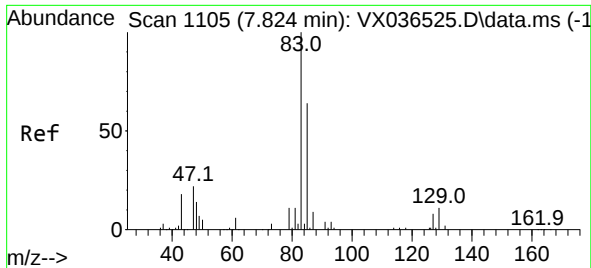
Ion Ratio Lower Upper

93 100

95 85.0 0.0 166.8

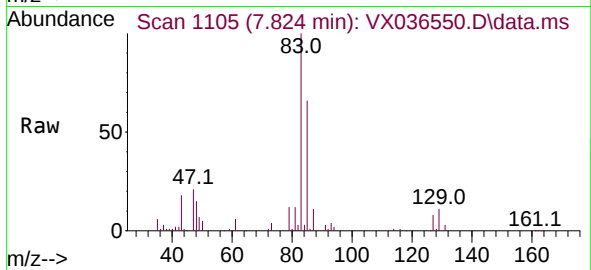
174 93.4 0.0 191.6





#41
Bromodichloromethane
Concen: 17.645 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

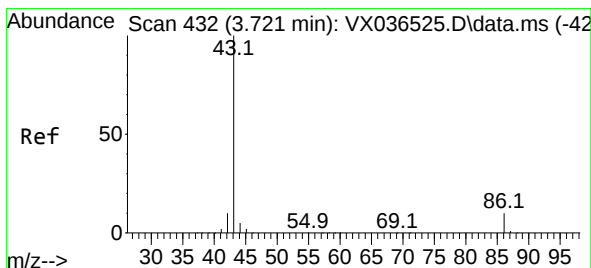
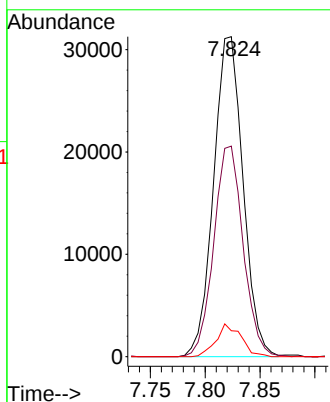
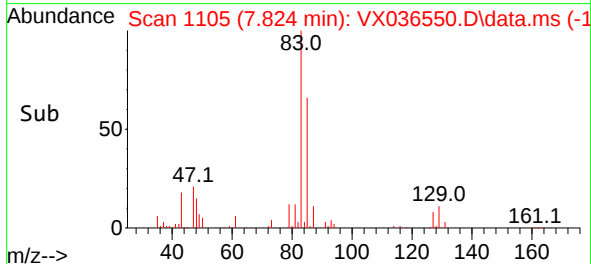
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 83 Resp: 5844
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3
127 8.1 6.4 9.6

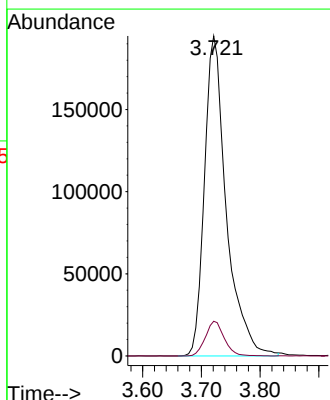
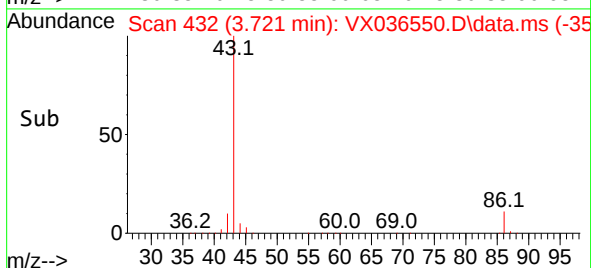
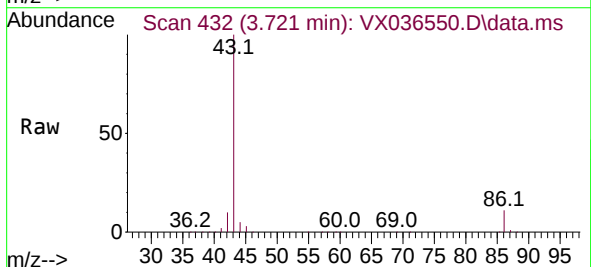
Manual Integrations
APPROVED

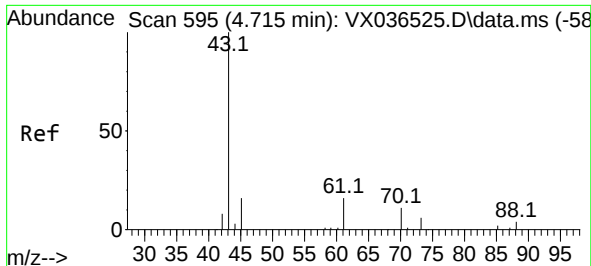
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#42
Vinyl Acetate
Concen: 87.863 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

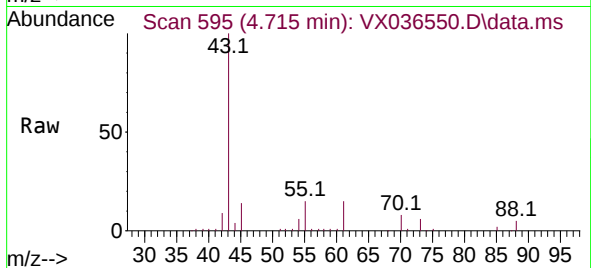
Tgt Ion: 43 Resp: 503933
Ion Ratio Lower Upper
43 100
86 9.4 7.4 11.0





#43
Ethyl Acetate
Concen: 16.778 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

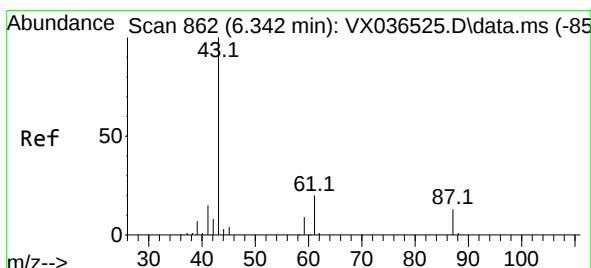
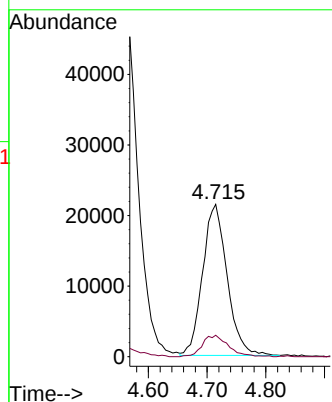
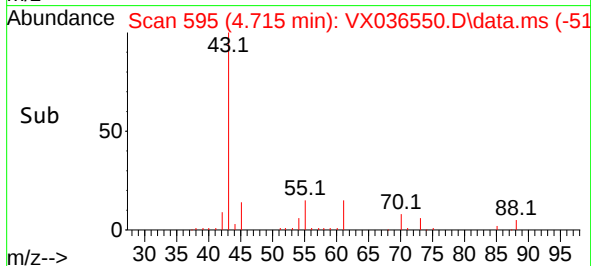
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 43 Resp: 62015
Ion Ratio Lower Upper
43 100
45 14.9 12.6 18.8

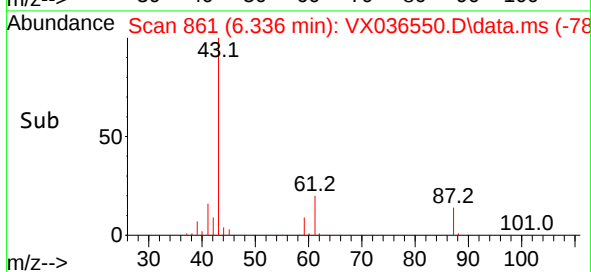
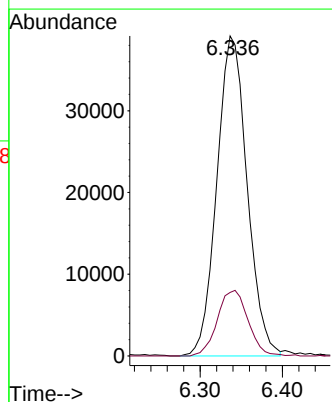
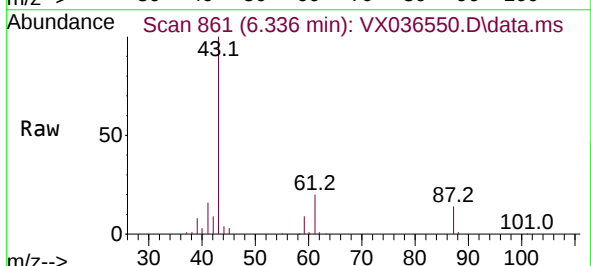
Manual Integrations
APPROVED

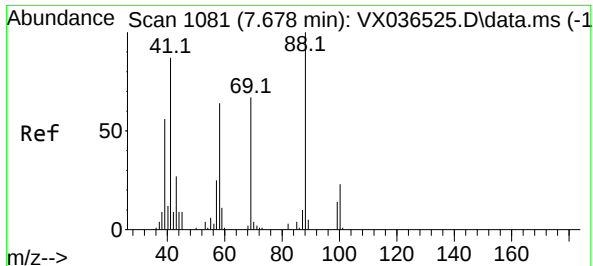
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#44
Isopropyl Acetate
Concen: 16.995 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

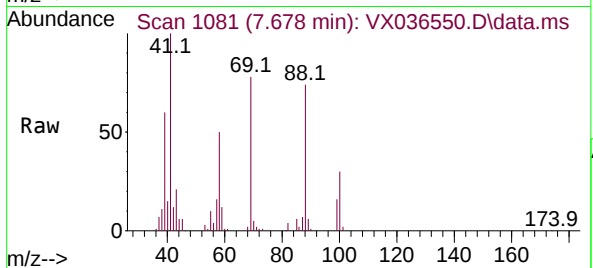
Tgt Ion: 43 Resp: 100179
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.0





#45
1,4-Dioxane
Concen: 326.554 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

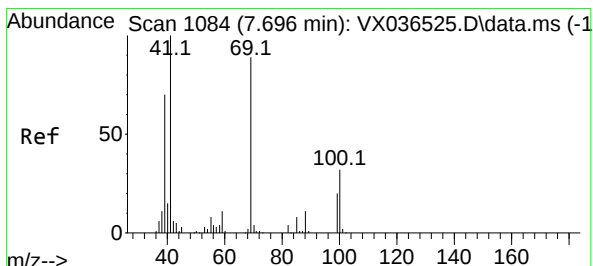
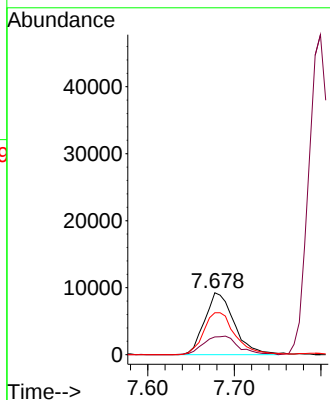
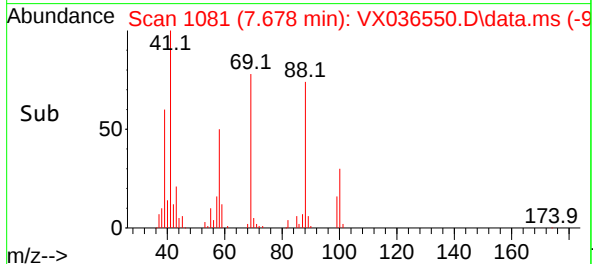
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 88 Resp: 21849
Ion Ratio Lower Upper
88 100
43 35.0 297.5 446.3
58 72.3 1.0 1.4

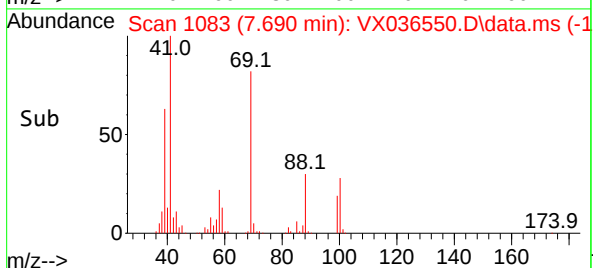
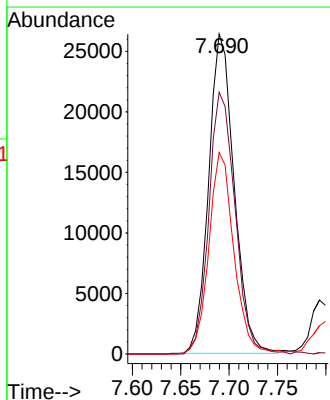
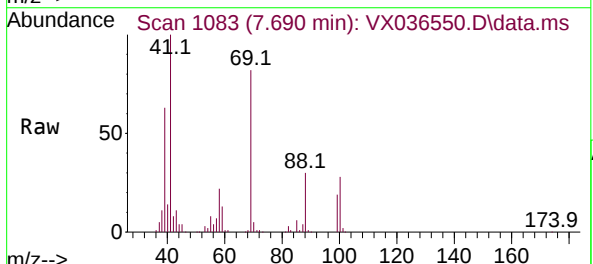
Manual Integrations
APPROVED

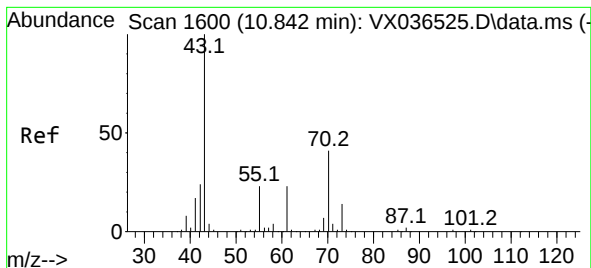
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#46
Methyl methacrylate
Concen: 17.151 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Tgt Ion: 41 Resp: 48318
Ion Ratio Lower Upper
41 100
69 82.0 44.4 133.1
39 63.1 34.9 104.7





#47

n-amy1 Acetate

Concen: 17.318 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01

Tgt Ion: 43 Resp: 8658

Ion Ratio Lower Upper

43 100

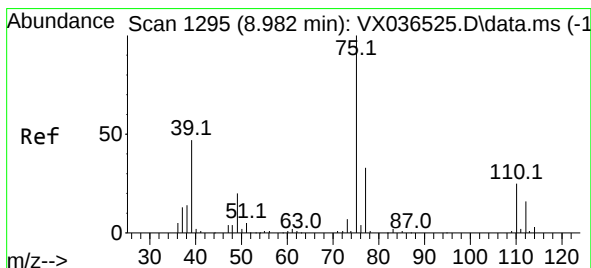
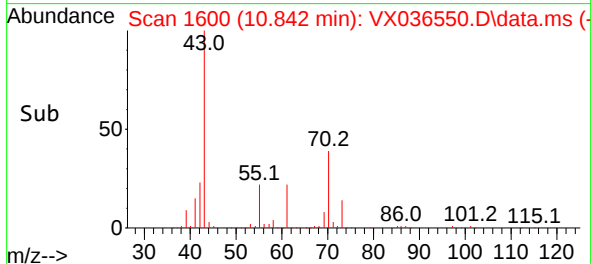
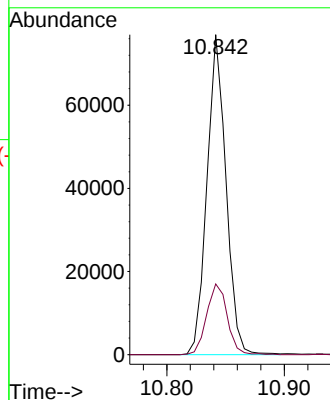
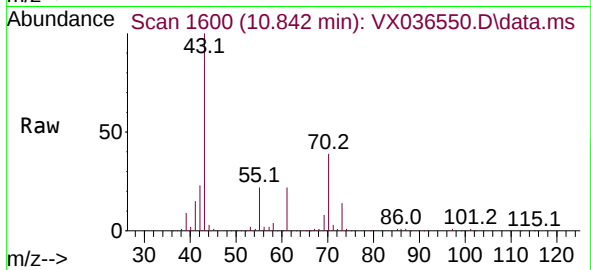
55 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#48

t-1,3-Dichloropropene

Concen: 17.145 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX036550.D

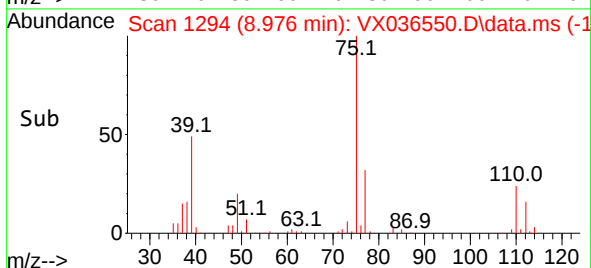
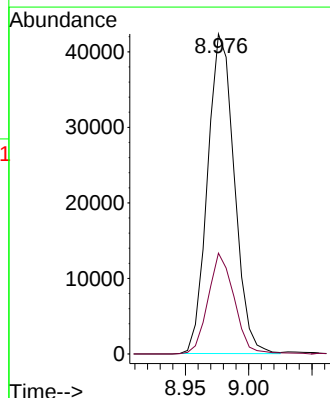
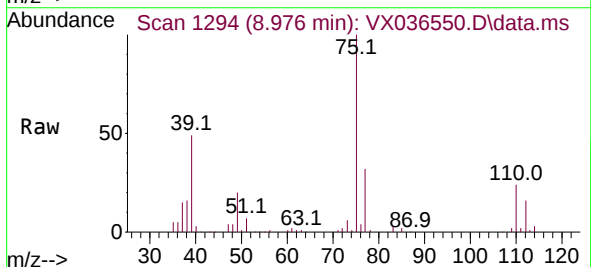
Acq: 14 Jul 2023 09:47

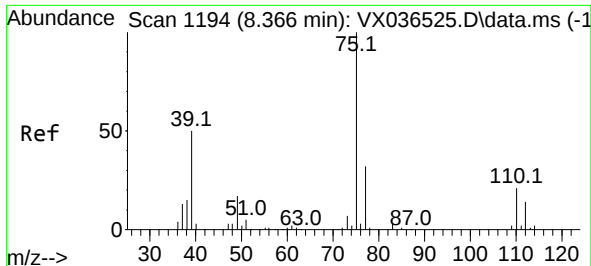
Tgt Ion: 75 Resp: 62289

Ion Ratio Lower Upper

75 100

77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 17.504 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036550.D

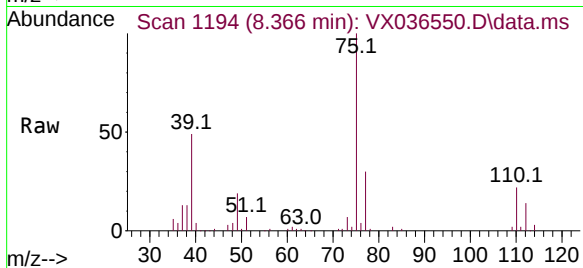
Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01



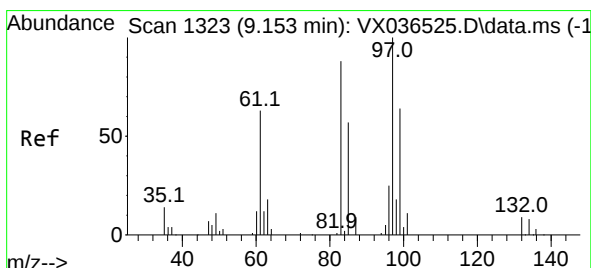
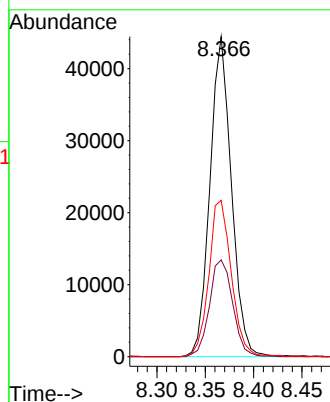
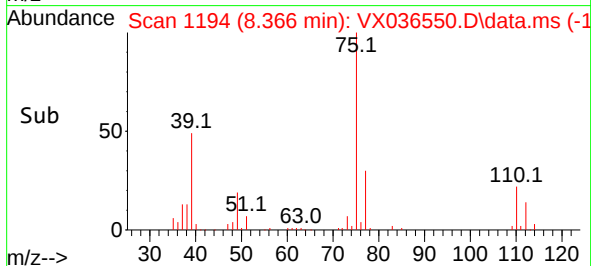
Tgt Ion:	75	Resp:	68694
Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.4	38.2
39	48.8	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#50

1,1,2-Trichloroethane

Concen: 18.022 ug/l

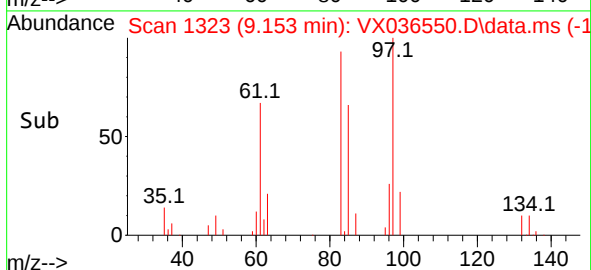
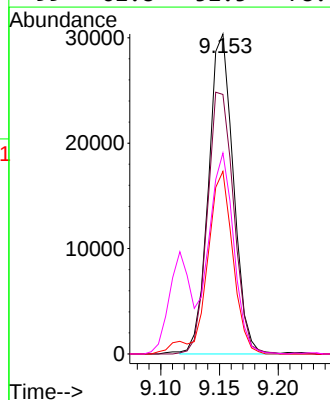
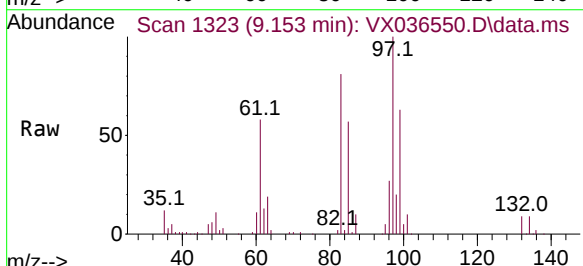
RT: 9.153 min Scan# 1323

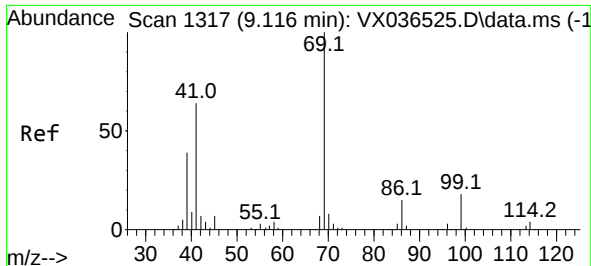
Delta R.T. 0.000 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

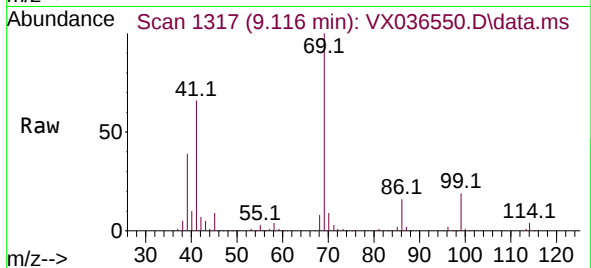
Tgt Ion:	97	Resp:	44651
Ion	Ratio	Lower	Upper
97	100		
83	81.2	70.0	105.0
85	57.2	46.1	69.1
99	62.8	52.5	78.7





#51
Ethyl methacrylate
Concen: 17.500 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

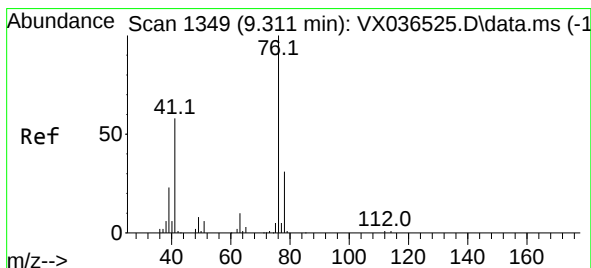
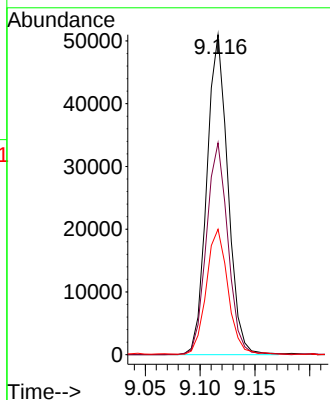
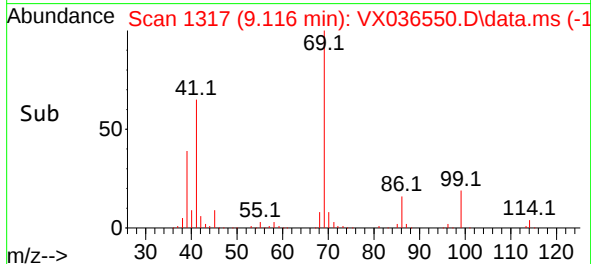
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 69 Resp: 68072
Ion Ratio Lower Upper
69 100
41 66.1 32.0 96.0
39 39.0 19.4 58.4

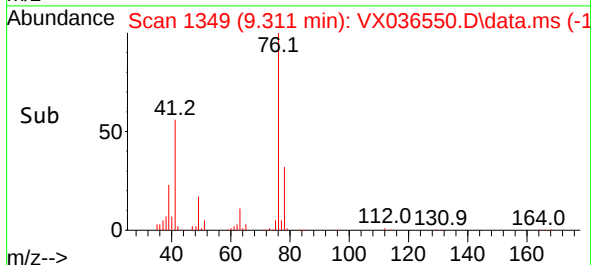
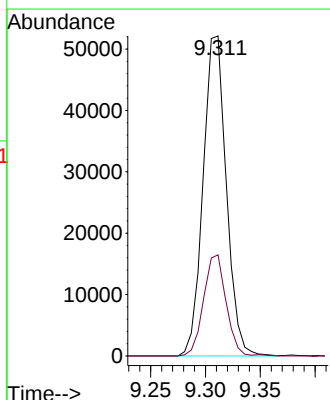
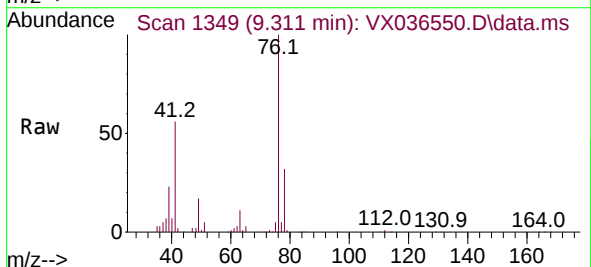
Manual Integrations
APPROVED

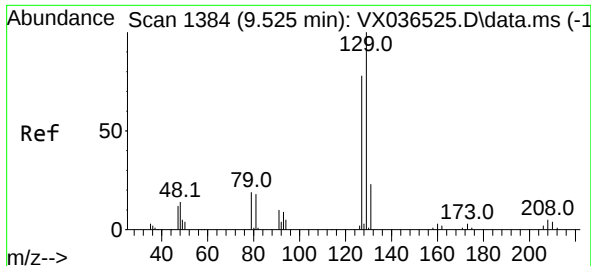
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#52
1,3-Dichloropropane
Concen: 18.407 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

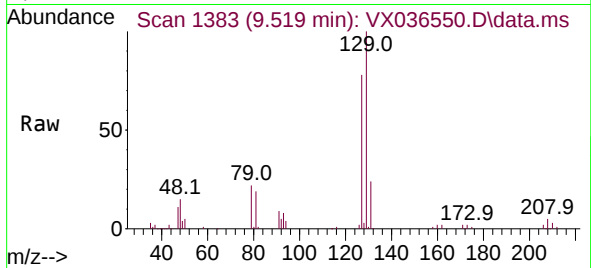
Tgt Ion: 76 Resp: 76964
Ion Ratio Lower Upper
76 100
78 30.4 0.0 63.6





#53
Dibromochloromethane
Concen: 17.766 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

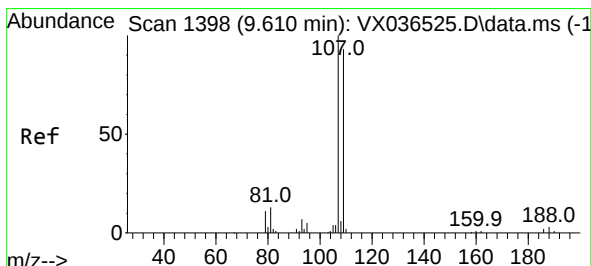
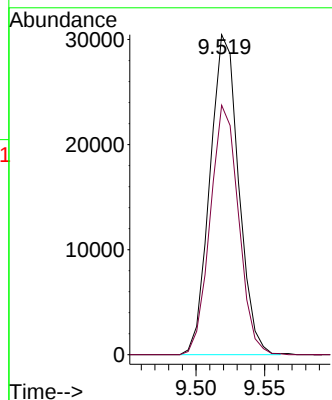
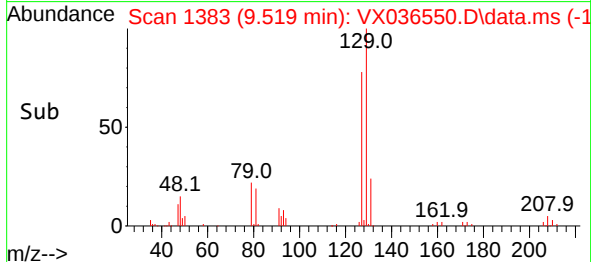
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion:129 Resp: 44430
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

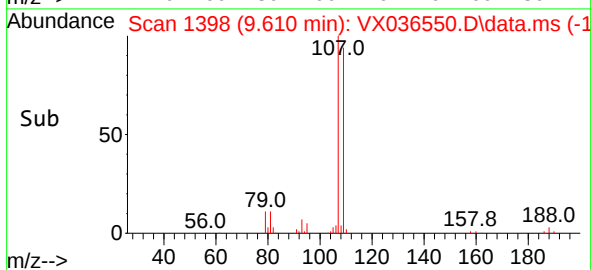
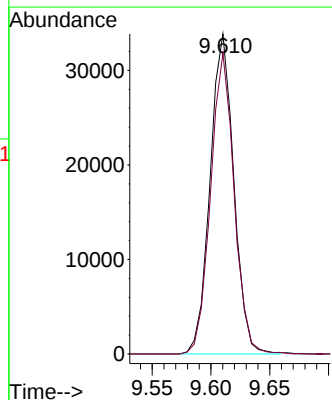
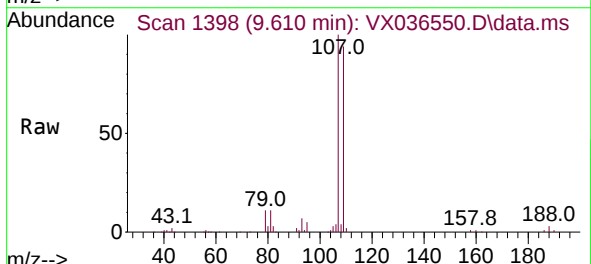
Manual Integrations
APPROVED

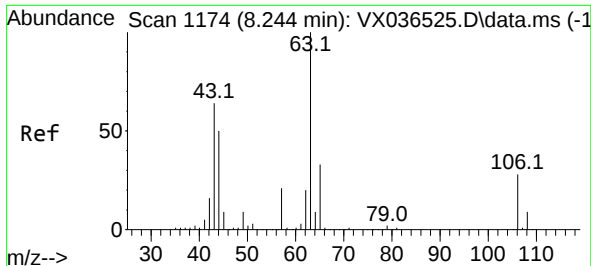
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#54
1,2-Dibromoethane
Concen: 18.221 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

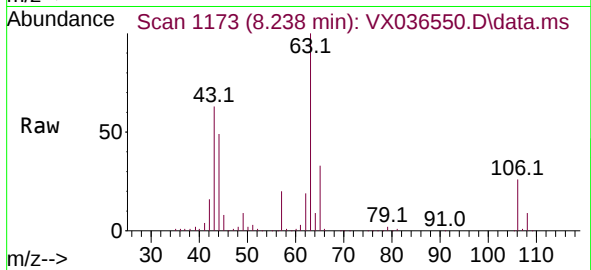
Tgt Ion:107 Resp: 47424
Ion Ratio Lower Upper
107 100
109 93.1 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 87.725 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

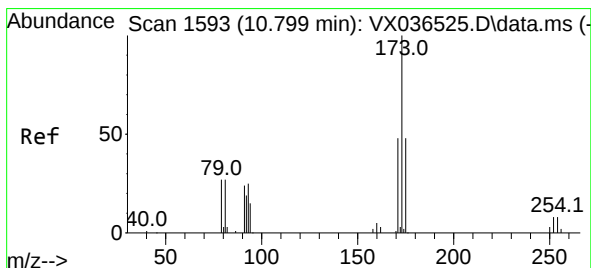
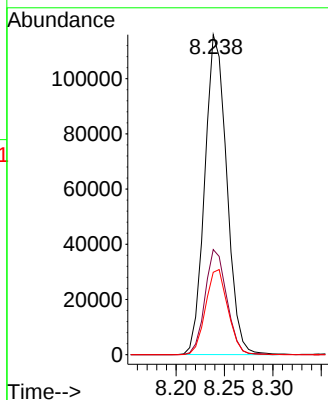
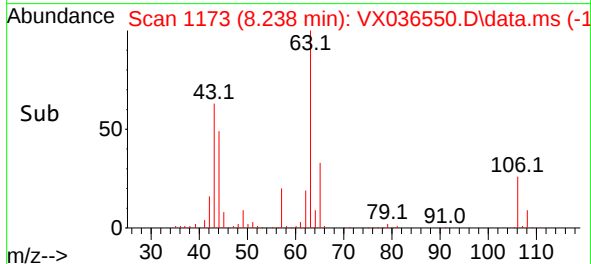
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 63 Resp: 183518
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 27.0 21.8 32.8

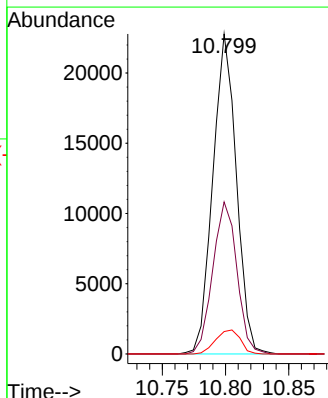
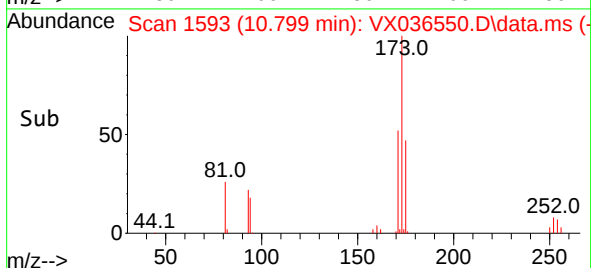
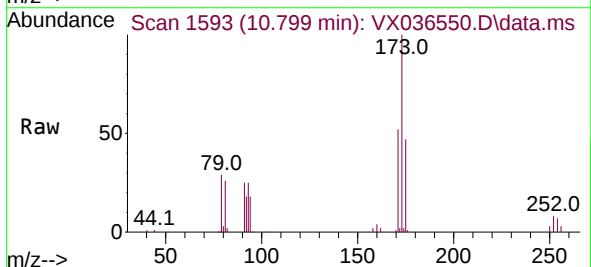
Manual Integrations
APPROVED

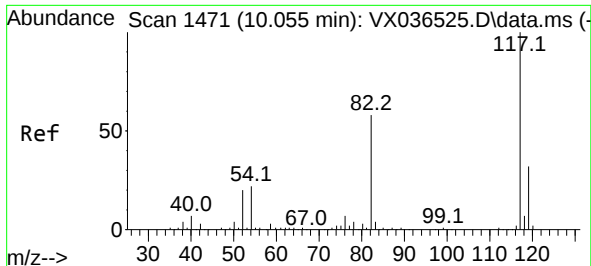
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#56
Bromoform
Concen: 16.902 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Tgt Ion:173 Resp: 29407
Ion Ratio Lower Upper
173 100
175 48.6 38.1 57.1
254 7.9 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: VX036550.D

Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01

Tgt Ion: 117 Resp: 17984

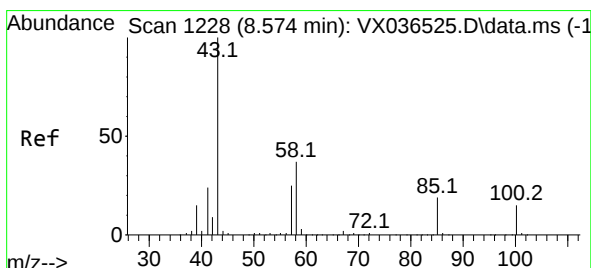
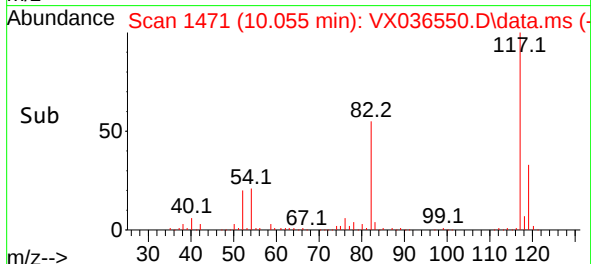
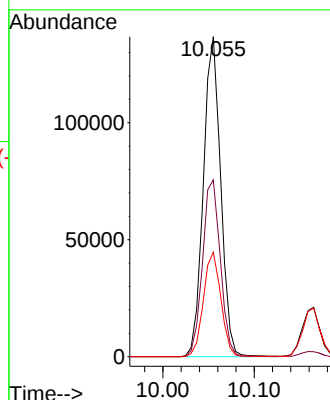
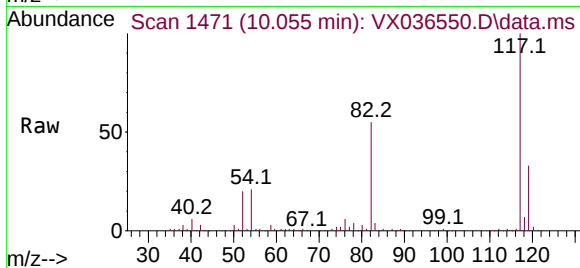
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.7	67.1
119	32.8	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#58

4-Methyl-2-Pentanone

Concen: 87.202 ug/l

RT: 8.574 min Scan# 1228

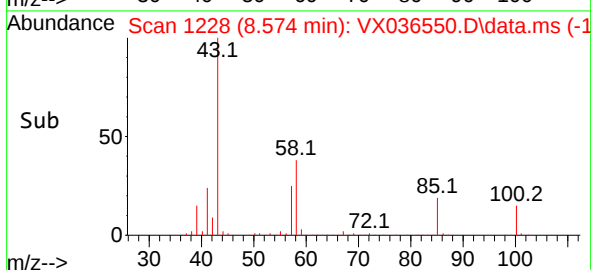
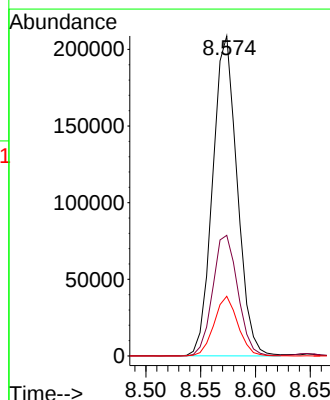
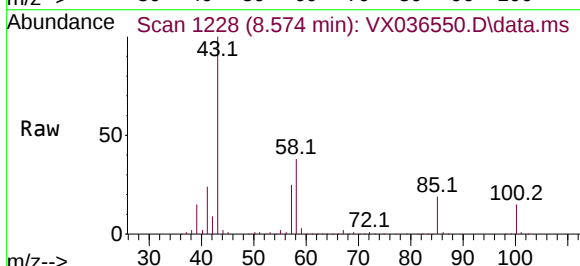
Delta R.T. 0.000 min

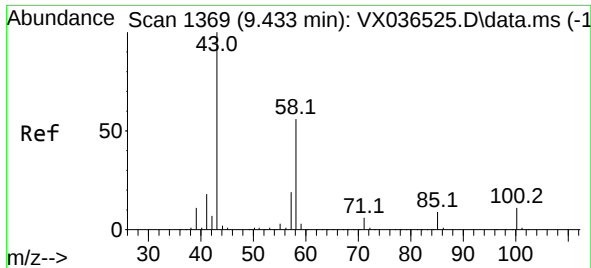
Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Tgt Ion: 43 Resp: 324293

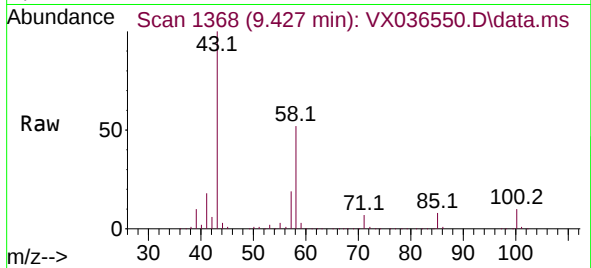
Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.9	46.3
85	18.1	14.4	21.6





#59
2-Hexanone
Concen: 86.769 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

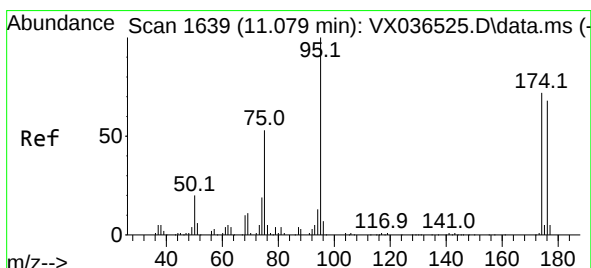
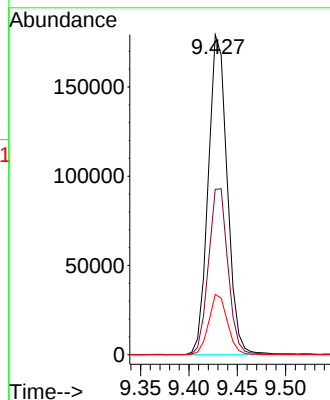
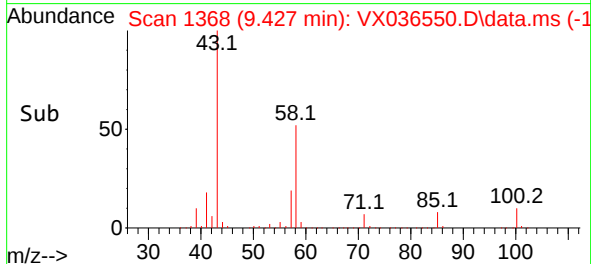
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 43 Resp: 24548
Ion Ratio Lower Upper
43 100
58 53.1 43.4 65.2
57 18.6 15.1 22.7

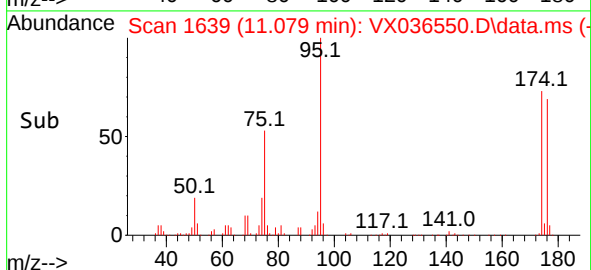
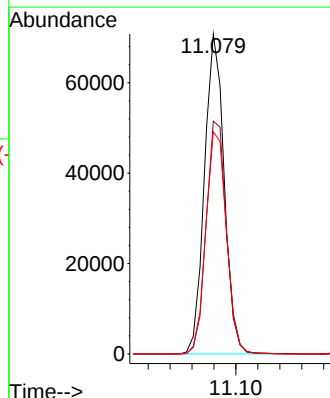
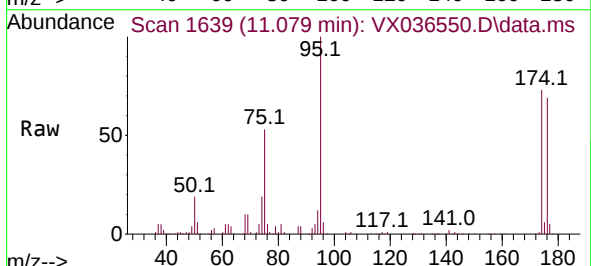
Manual Integrations
APPROVED

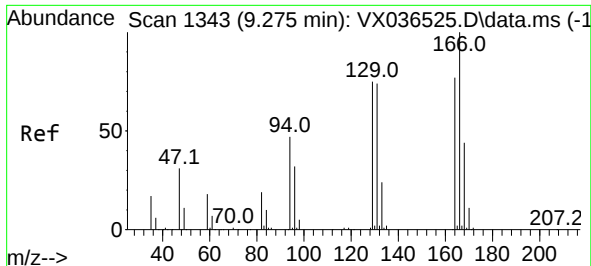
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#60
4-Bromofluorobenzene
Concen: 30.306 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

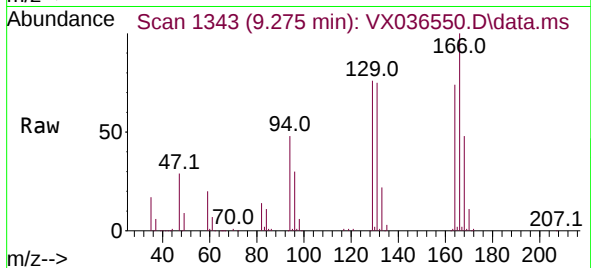
Tgt Ion: 95 Resp: 88410
Ion Ratio Lower Upper
95 100
174 74.6 60.5 90.7
176 72.6 58.2 87.4





#61
Tetrachloroethene
Concen: 18.780 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

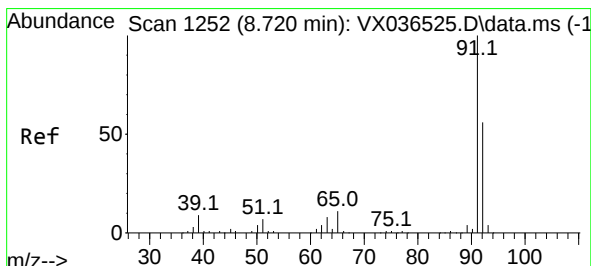
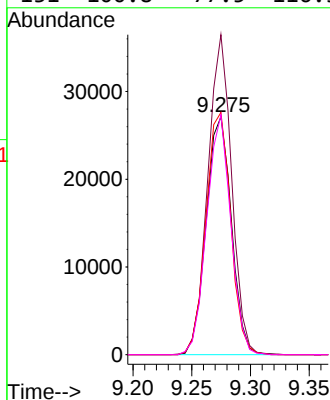
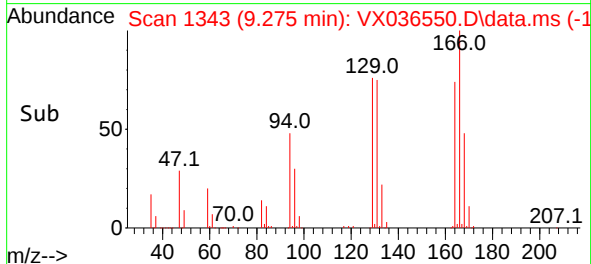
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion:164 Resp: 4045
Ion Ratio Lower Upper
164 100
166 134.3 104.5 156.7
129 101.8 78.0 117.0
131 100.8 77.5 116.3

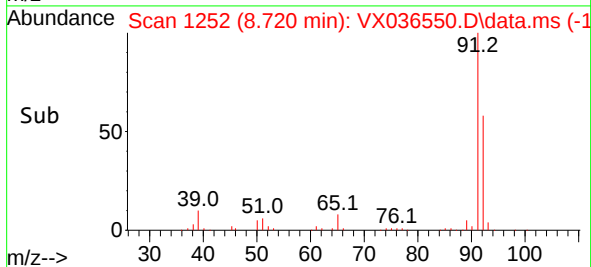
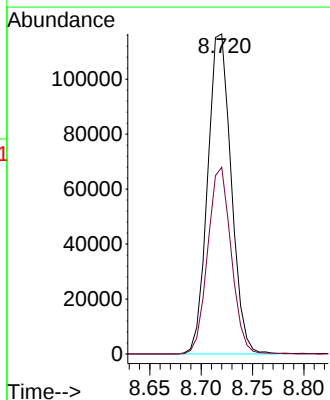
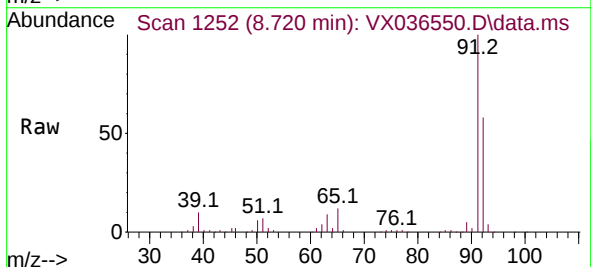
Manual Integrations
APPROVED

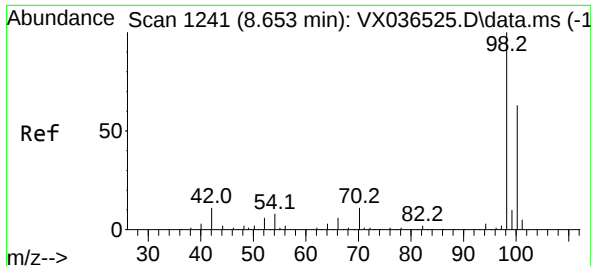
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#62
Toluene
Concen: 18.432 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

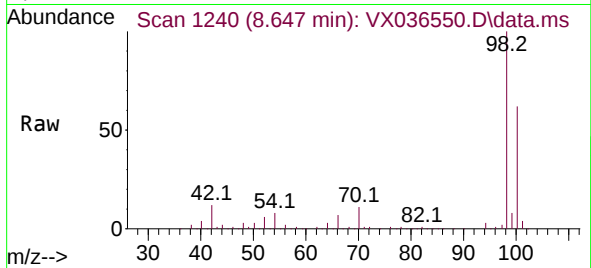
Tgt Ion: 91 Resp: 185985
Ion Ratio Lower Upper
91 100
92 58.1 44.9 67.3





#63
Toluene-d8
Concen: 30.677 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

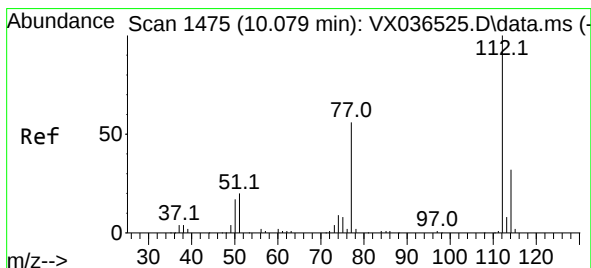
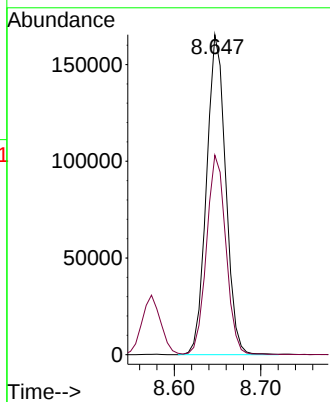
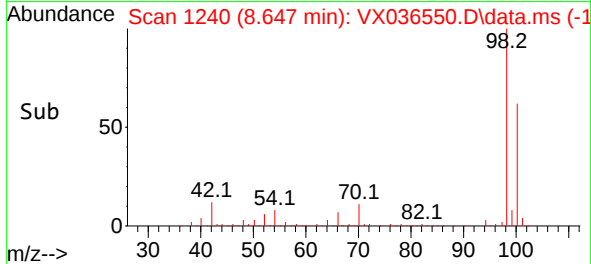
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 98 Resp: 253869
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

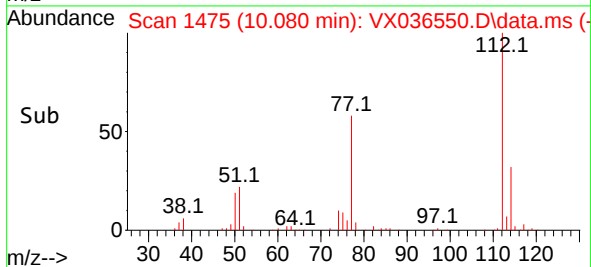
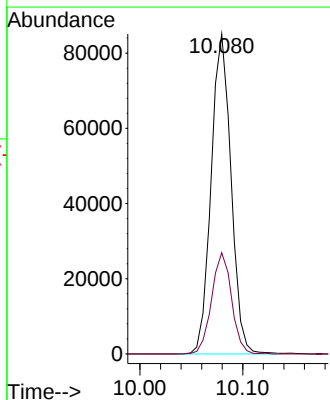
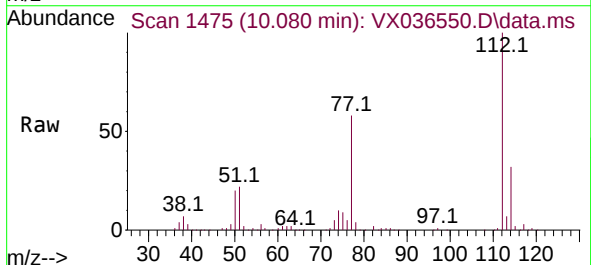
Manual Integrations
APPROVED

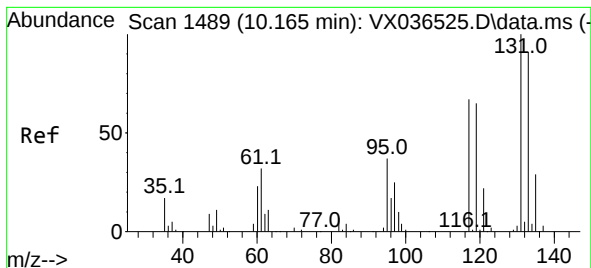
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#64
Chlorobenzene
Concen: 18.169 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

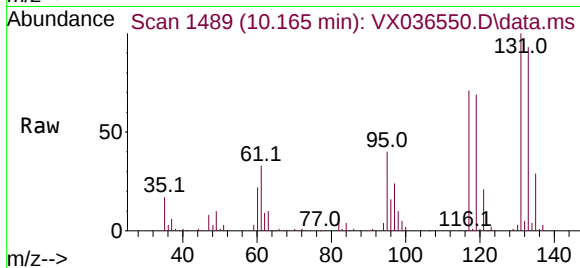
Tgt Ion:112 Resp: 114135
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.321 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

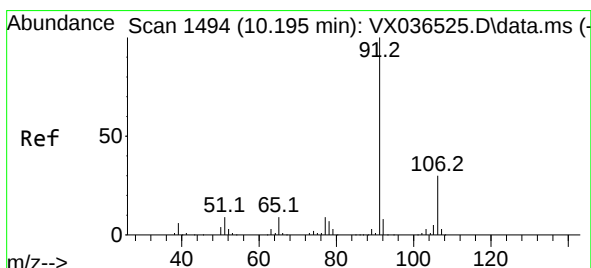
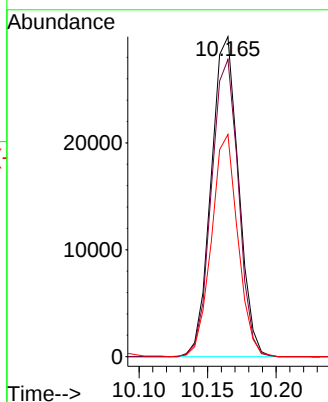
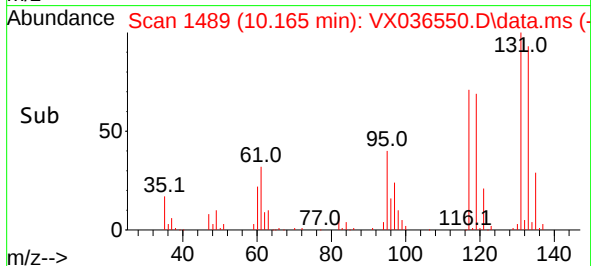
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion:131 Resp: 41560
Ion Ratio Lower Upper
131 100
133 91.5 0.0 192.0
119 67.1 0.0 132.8

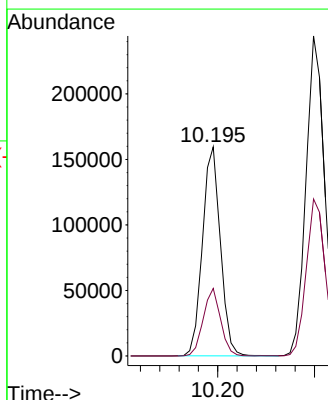
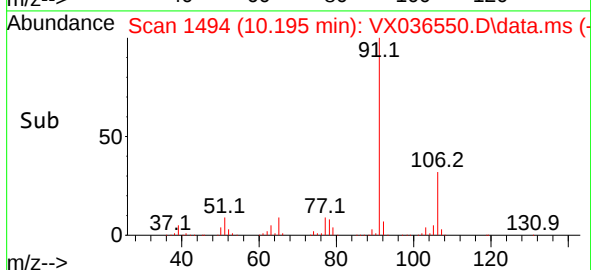
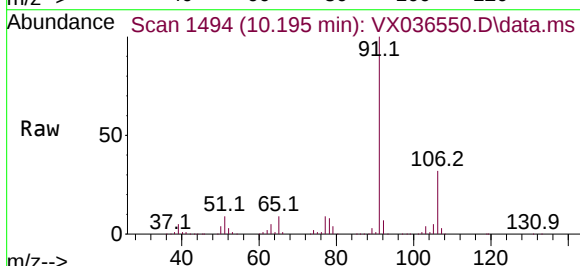
Manual Integrations
APPROVED

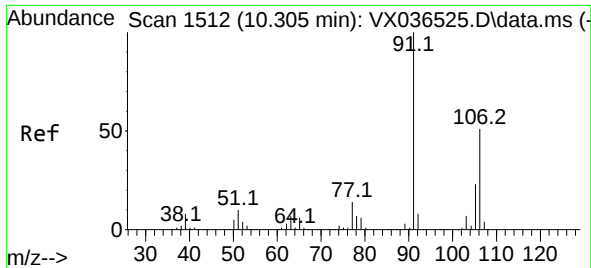
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#66
Ethyl Benzene
Concen: 18.767 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Tgt Ion: 91 Resp: 205811
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.4





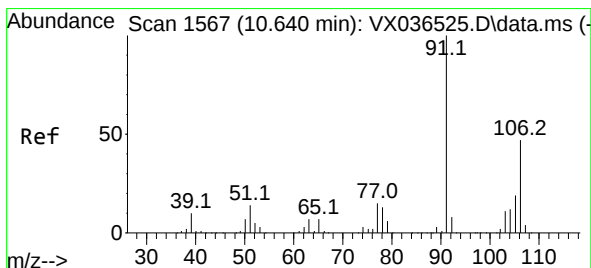
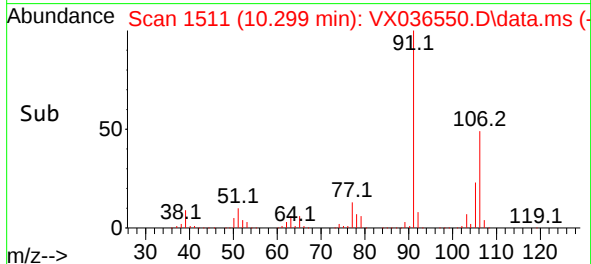
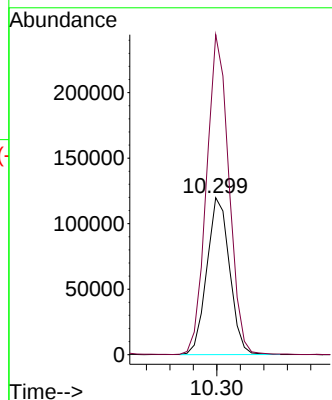
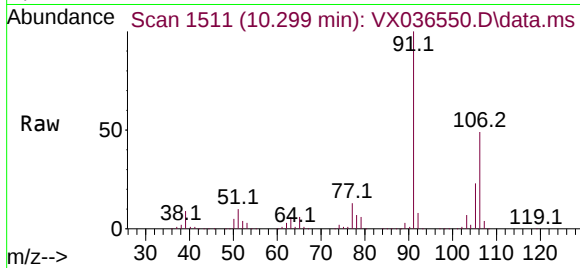
#67
m/p-Xylenes
Concen: 37.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01

Tgt Ion:106 Resp: 160984
Ion Ratio Lower Upper
106 100
91 201.0 160.5 240.7

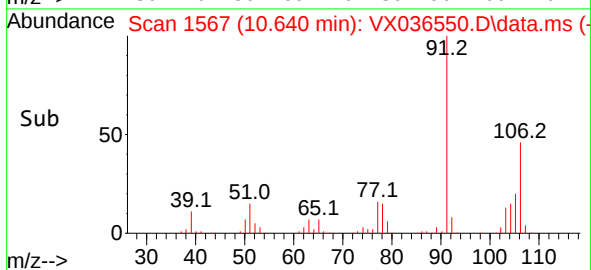
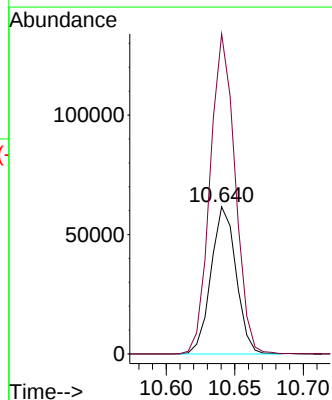
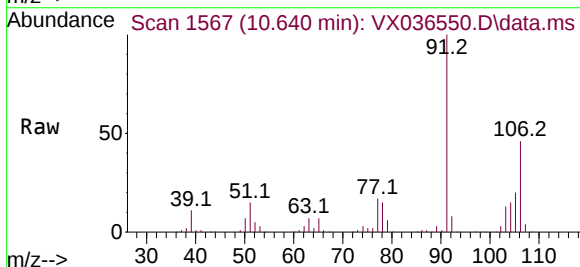
Manual Integrations
APPROVED

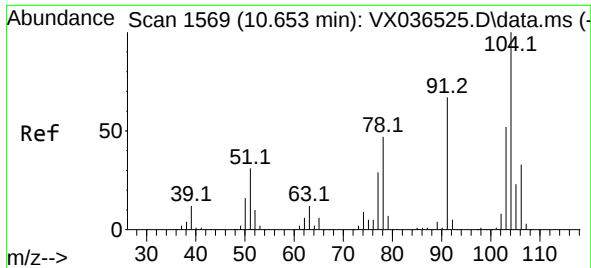
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#68
o-Xylene
Concen: 18.476 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

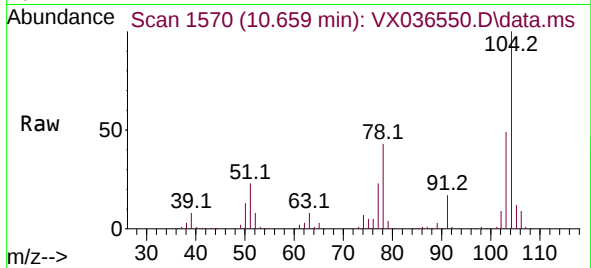
Tgt Ion:106 Resp: 78396
Ion Ratio Lower Upper
106 100
91 216.6 105.4 316.1





#69
Styrene
Concen: 18.406 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

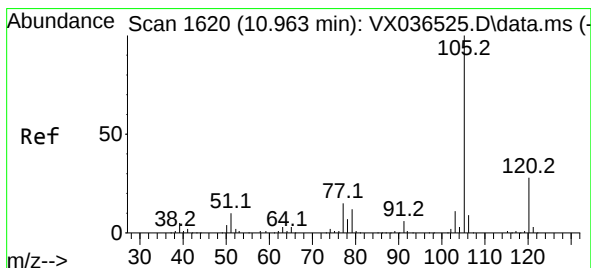
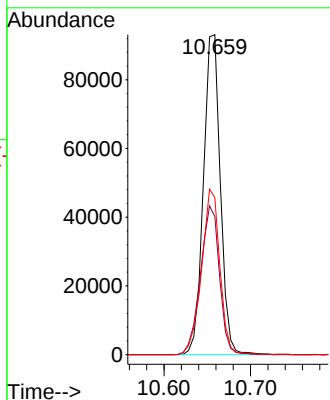
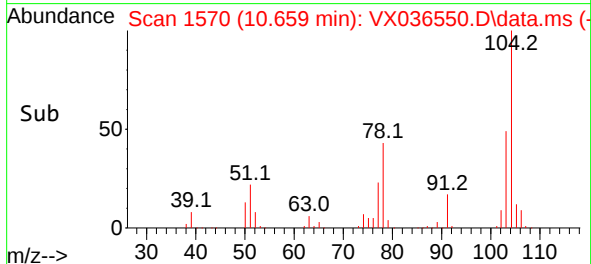
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



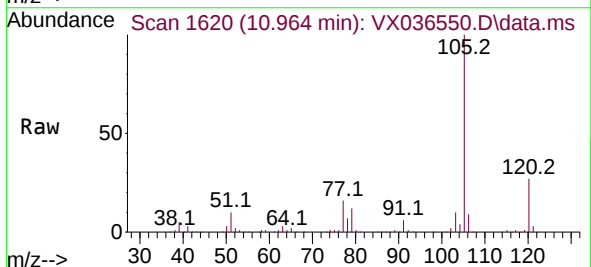
Tgt Ion:104 Resp: 126629
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 55.4 45.5 68.3

Manual Integrations
APPROVED

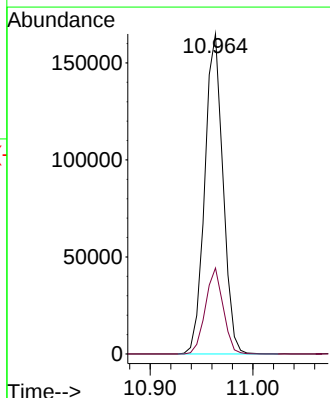
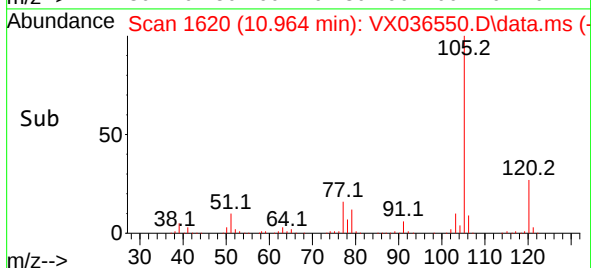
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

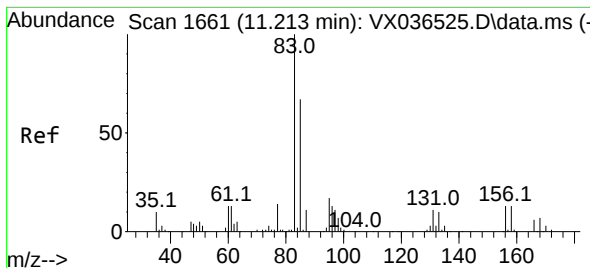


#70
Isopropylbenzene
Concen: 19.260 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



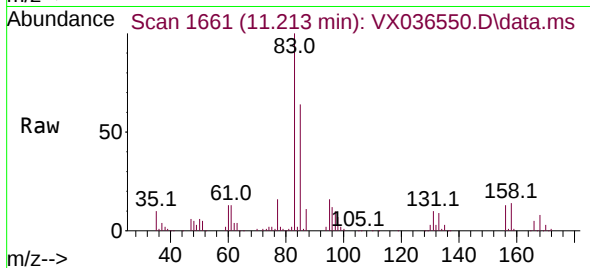
Tgt Ion:105 Resp: 203544
Ion Ratio Lower Upper
105 100
120 26.1 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 17.899 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

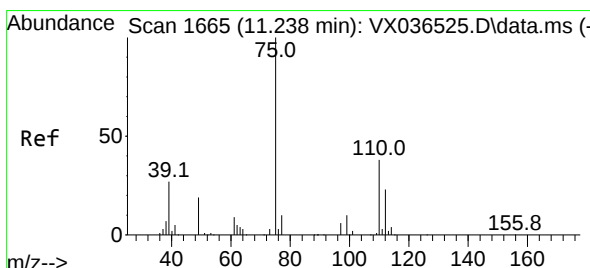
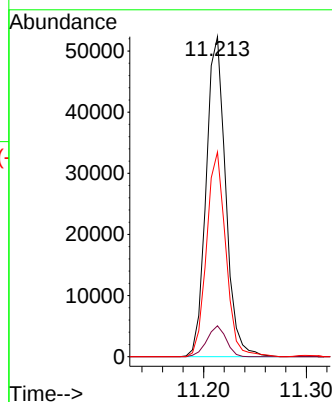
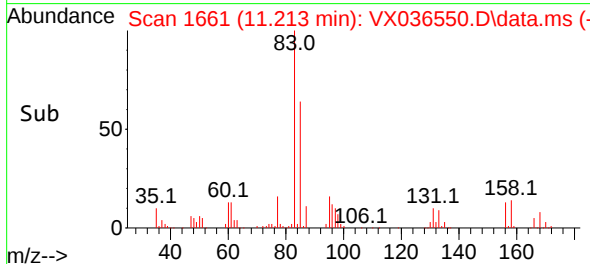
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



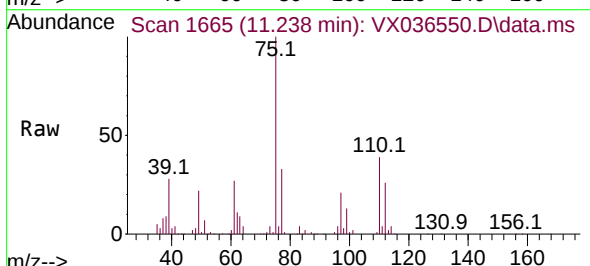
Tgt Ion: 83 Resp: 69039
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 63.1 32.4 97.0

Manual Integrations
APPROVED

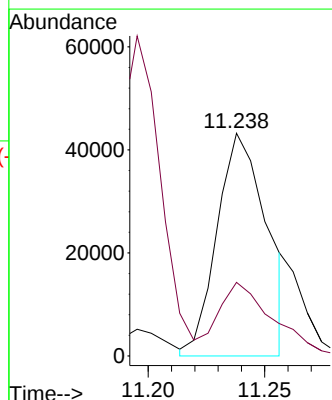
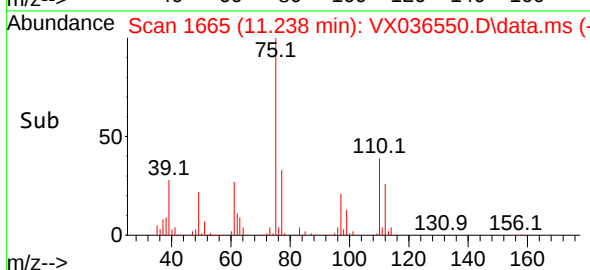
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

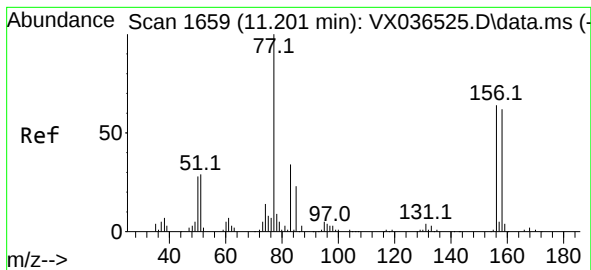


#72
1,2,3-Trichloropropane
Concen: 17.907 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



Tgt Ion: 75 Resp: 64004
Ion Ratio Lower Upper
75 100
77 36.8 0.0 77.2





#73

Bromobenzene

Concen: 18.506 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01

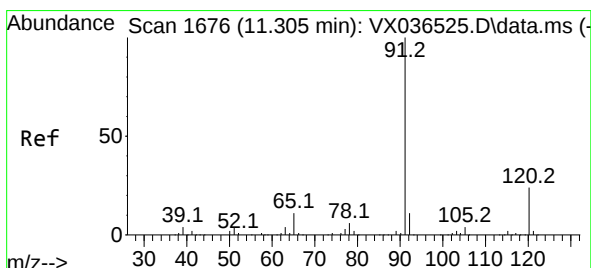
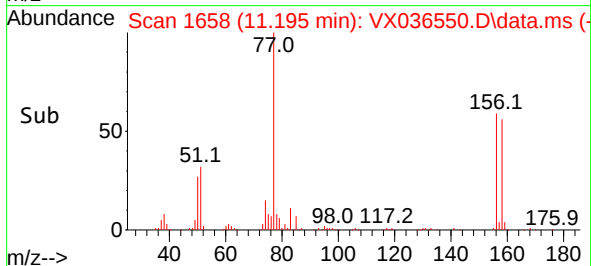
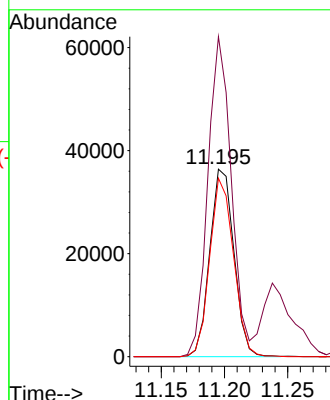
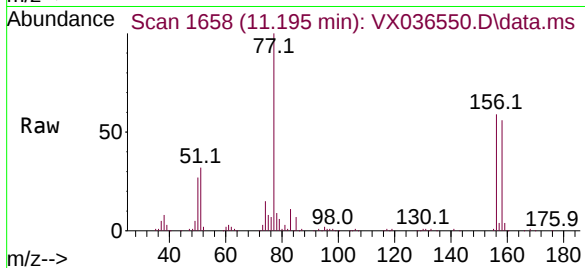
Tgt Ion:	156	Resp:	4834
Ion Ratio	Lower	Upper	
156	100		
77	165.4	0.0	333.0
158	93.9	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#74

n-propylbenzene

Concen: 19.574 ug/l

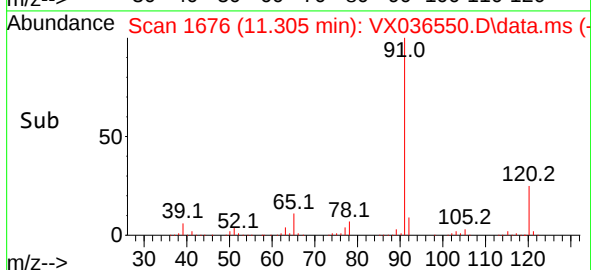
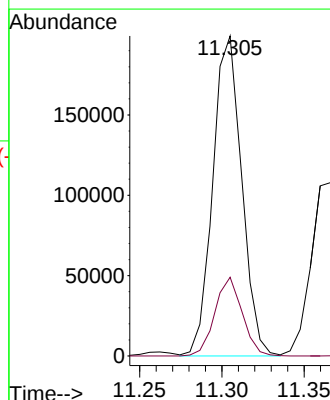
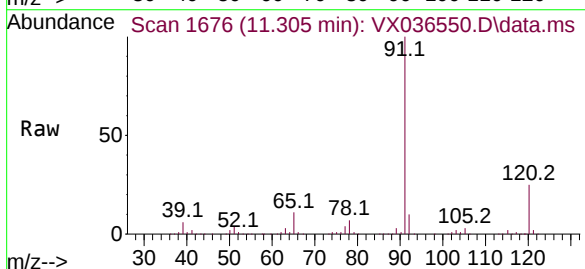
RT: 11.305 min Scan# 1676

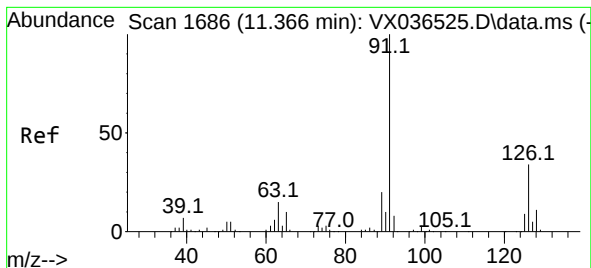
Delta R.T. 0.000 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

Tgt Ion:	91	Resp:	243464
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.6





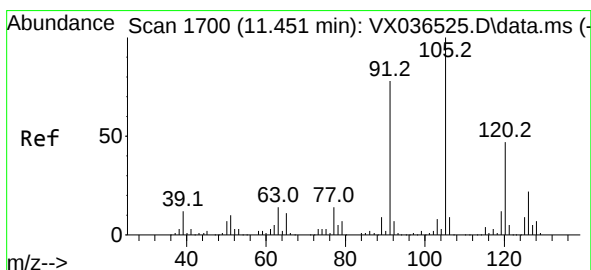
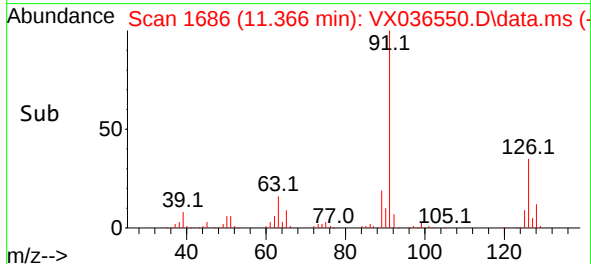
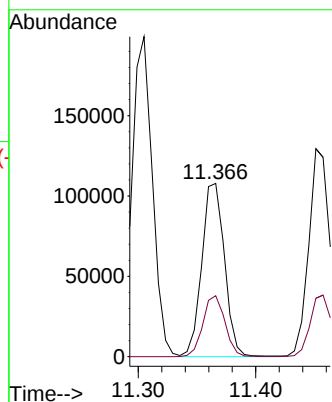
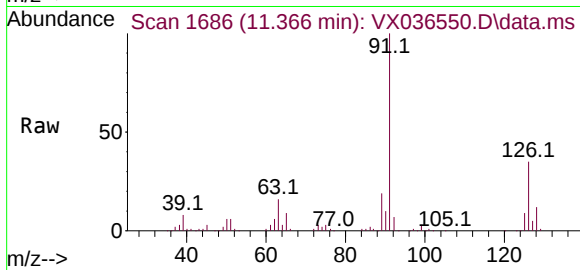
#75
2-Chlorotoluene
Concen: 19.166 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01

Tgt Ion: 91 Resp: 144968
Ion Ratio Lower Upper
91 100
126 34.1 0.0 66.2

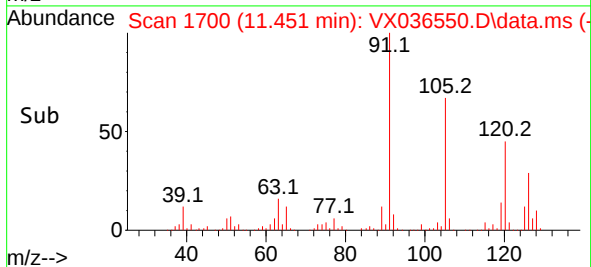
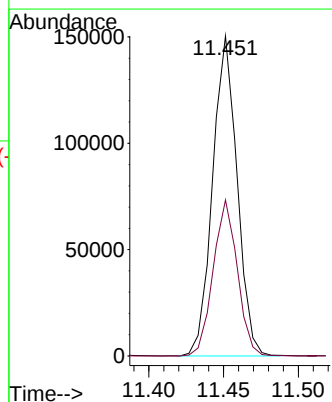
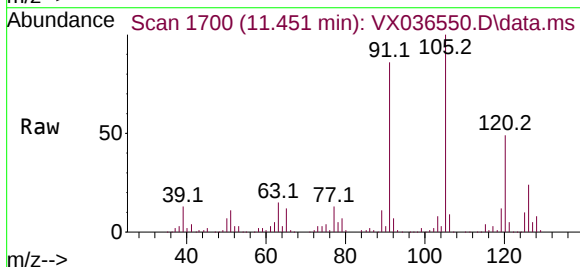
Manual Integrations
APPROVED

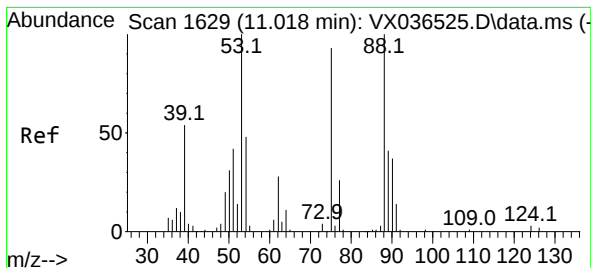
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.868 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

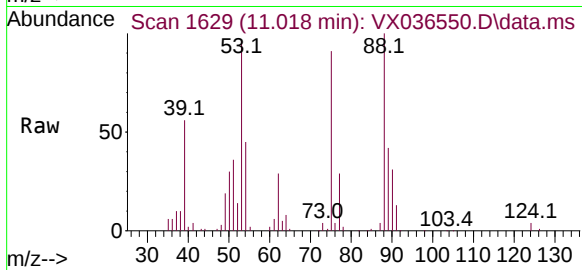
Tgt Ion:105 Resp: 171344
Ion Ratio Lower Upper
105 100
120 48.0 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 15.809 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

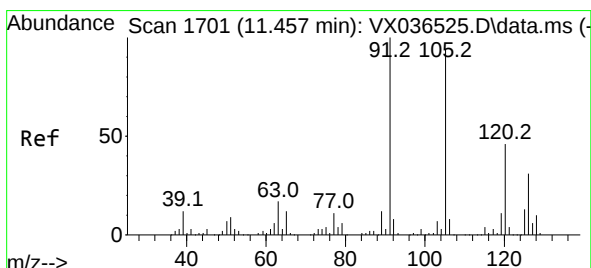
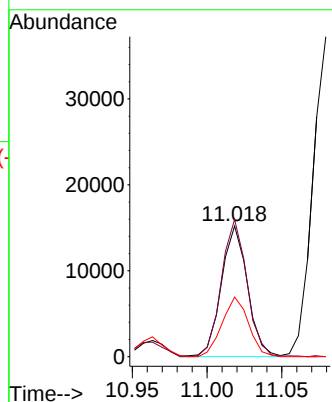
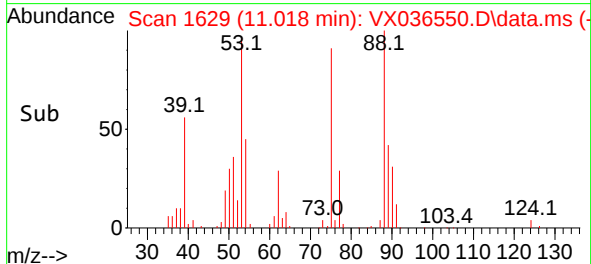
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 75 Resp: 1855
Ion Ratio Lower Upper
75 100
53 105.6 53.9 161.7
89 45.9 22.1 66.1

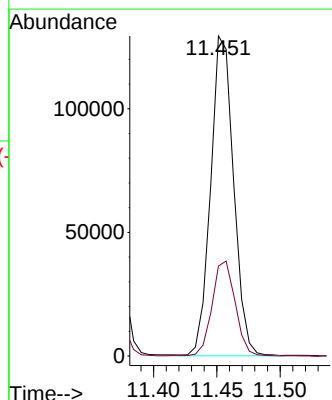
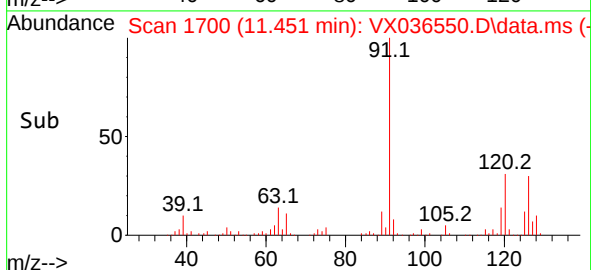
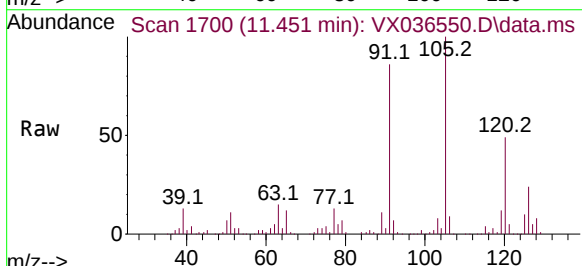
Manual Integrations
APPROVED

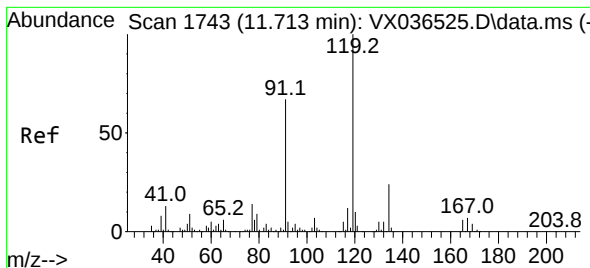
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#78
4-Chlorotoluene
Concen: 18.979 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

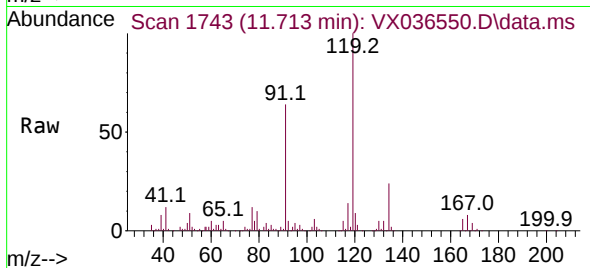
Tgt Ion: 91 Resp: 163452
Ion Ratio Lower Upper
91 100
126 29.9 0.0 59.4





#79
tert-butylbenzene
Concen: 19.237 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

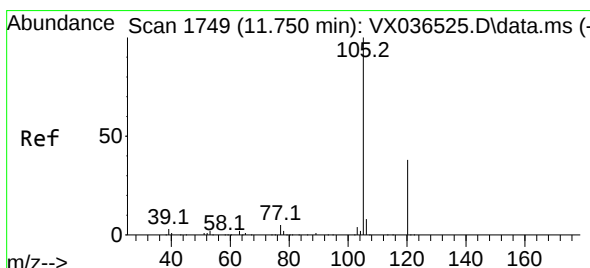
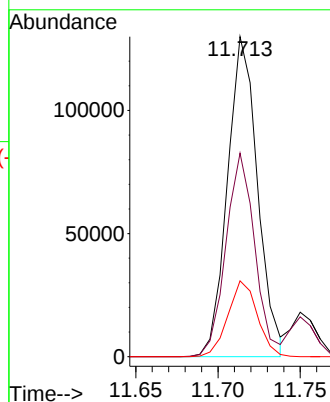
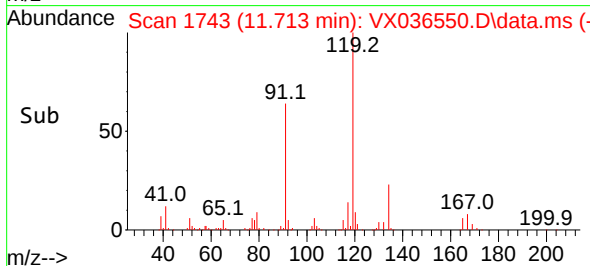
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion:119 Resp: 165807
Ion Ratio Lower Upper
119 100
91 61.1 0.0 124.4
134 23.2 0.0 47.2

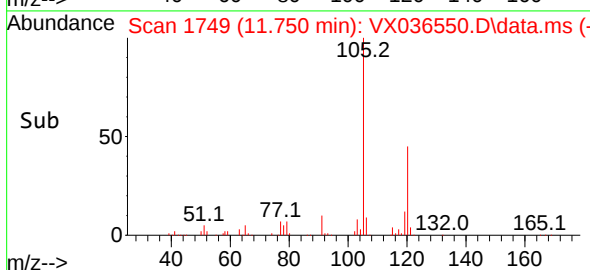
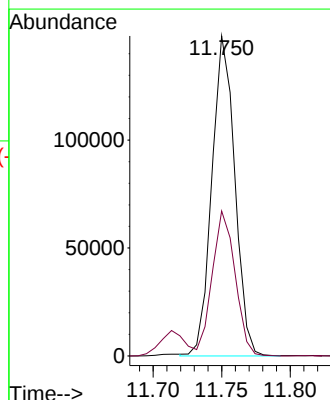
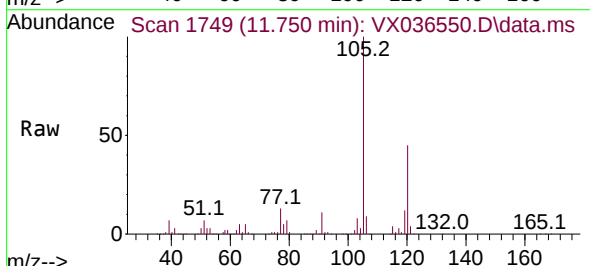
Manual Integrations
APPROVED

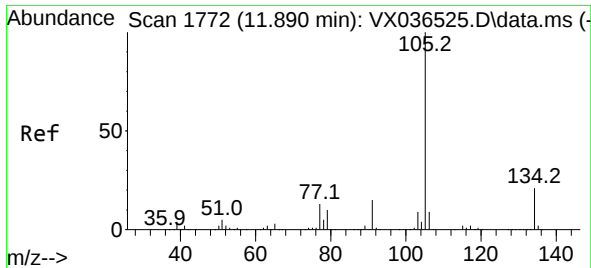
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.163 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

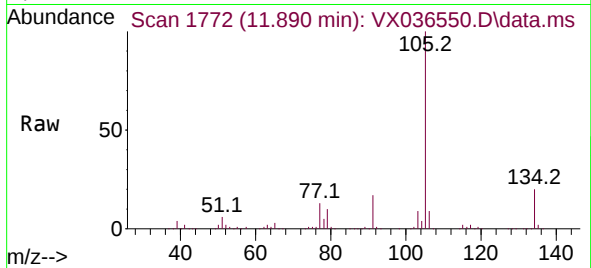
Tgt Ion:105 Resp: 172434
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 19.936 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036550.D
 Acq: 14 Jul 2023 09:47

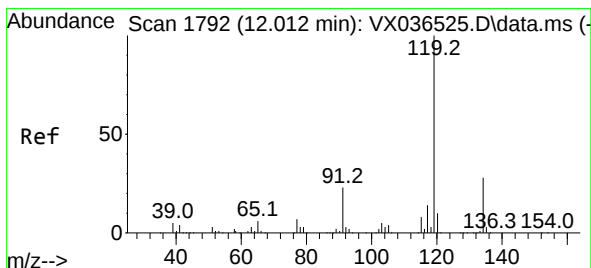
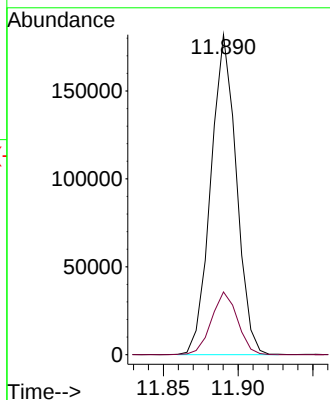
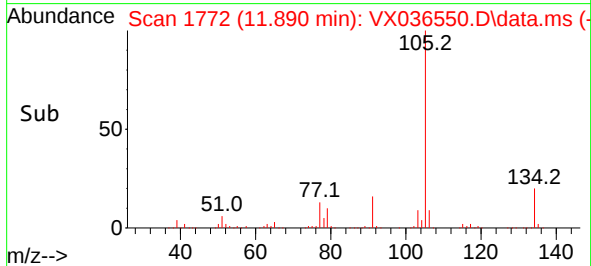
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBSD01



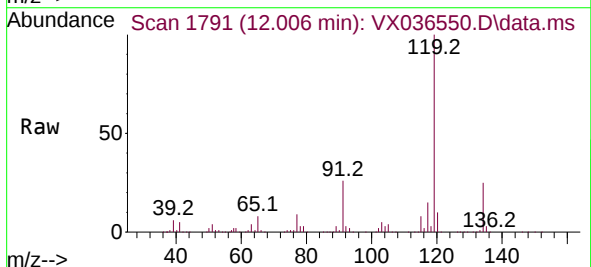
Tgt Ion:105 Resp: 216279
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 41.2

Manual Integrations
 APPROVED

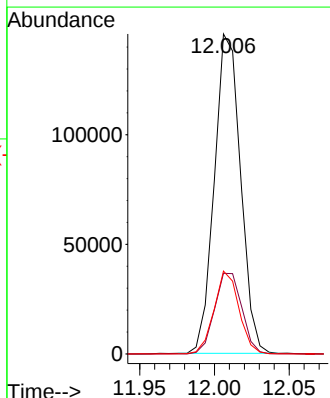
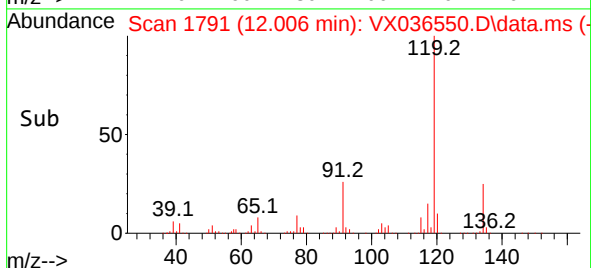
Reviewed By :John Carlone 07/17/2023
 Supervised By :Semsettin Yesilyurt 07/17/2023

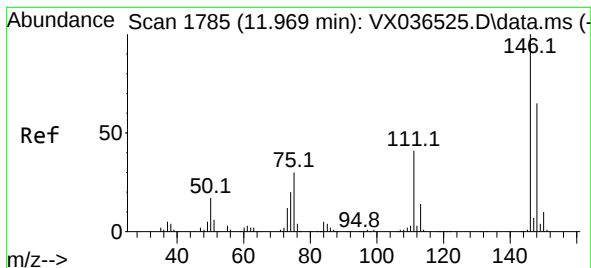


#82
 p-Isopropyltoluene
 Concen: 19.675 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036550.D
 Acq: 14 Jul 2023 09:47



Tgt Ion:119 Resp: 177585
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.2
 91 24.7 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 18.596 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036550.D

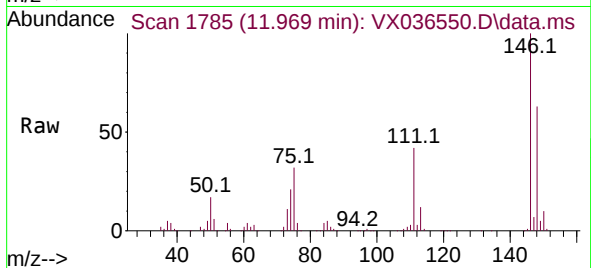
Acq: 14 Jul 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBSD01



Tgt Ion:146 Resp: 90360

Ion Ratio Lower Upper

146 100

111 42.3 20.4 61.2

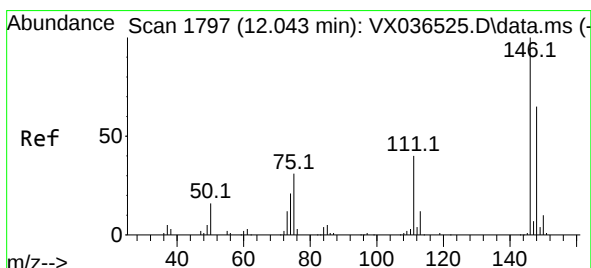
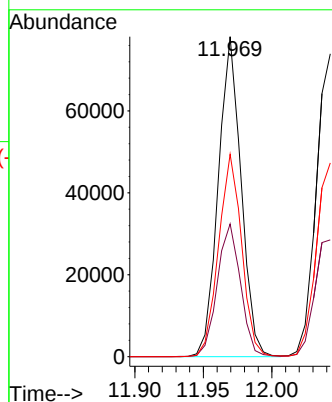
148 63.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#84

1,4-Dichlorobenzene

Concen: 18.685 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036550.D

Acq: 14 Jul 2023 09:47

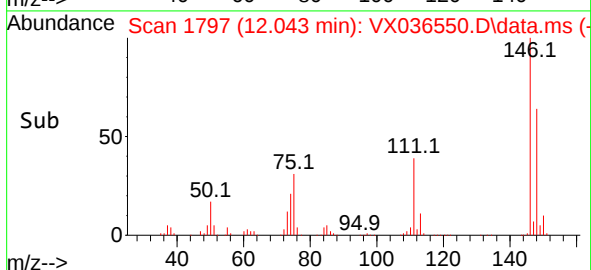
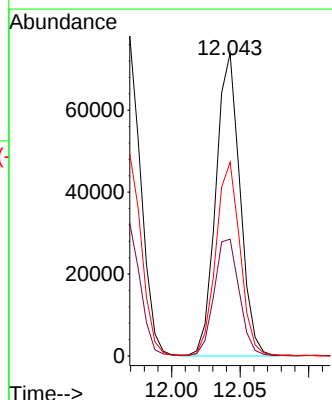
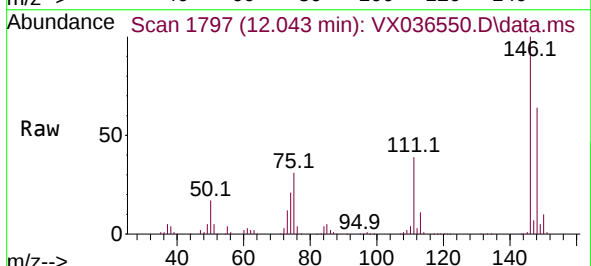
Tgt Ion:146 Resp: 90474

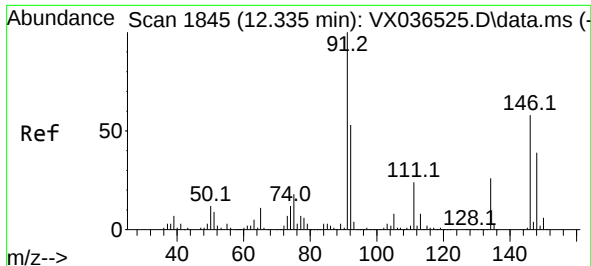
Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.6

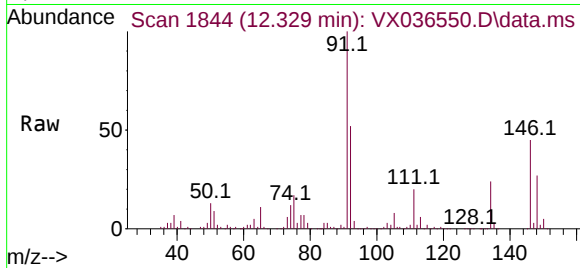
148 64.2 32.1 96.3





#85
n-Butylbenzene
Concen: 19.608 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

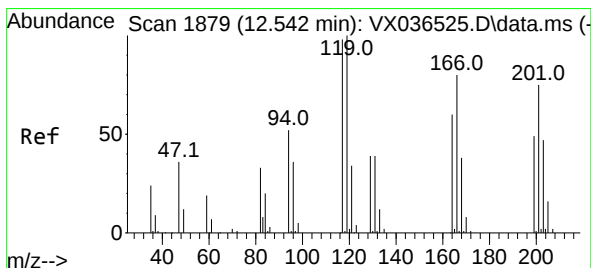
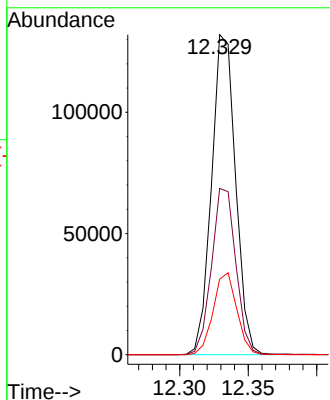
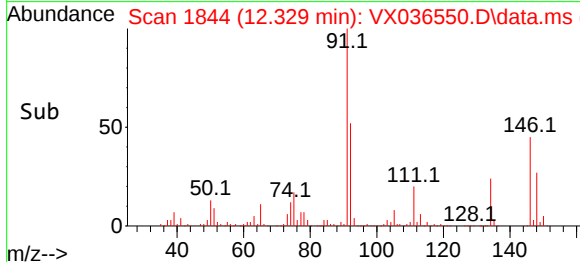
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



Tgt Ion: 91 Resp: 16110
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.2
134 25.2 0.0 51.4

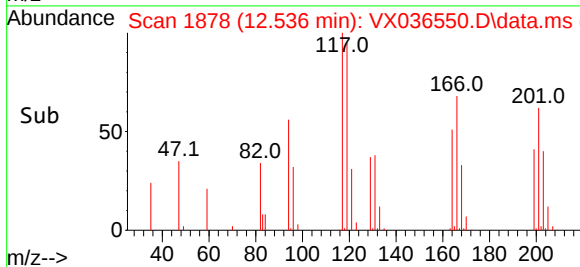
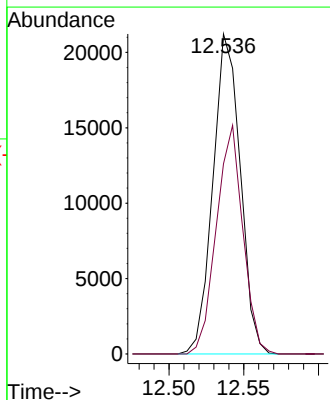
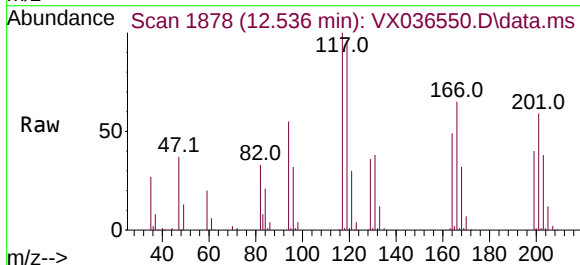
Manual Integrations
APPROVED

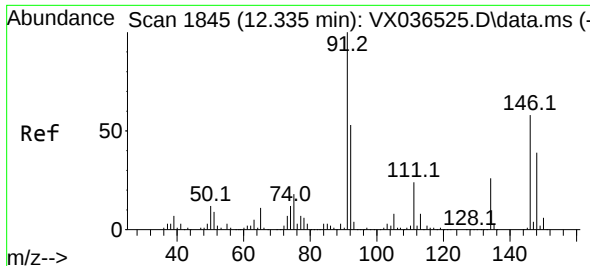
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#86
Hexachloroethane
Concen: 18.057 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

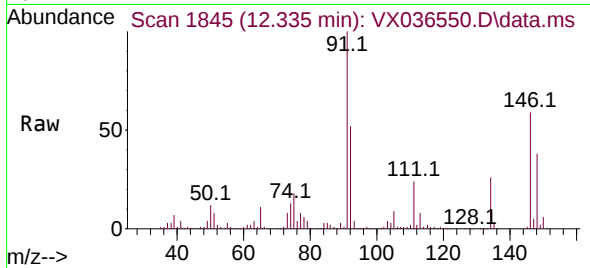
Tgt Ion:117 Resp: 26984
Ion Ratio Lower Upper
117 100
201 69.3 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 18.553 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

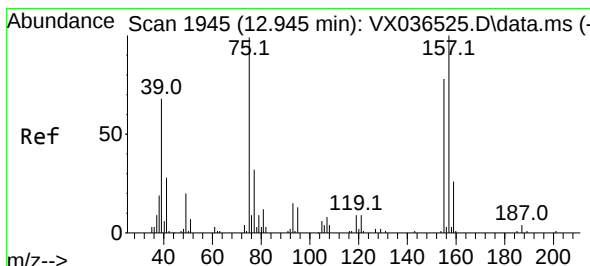
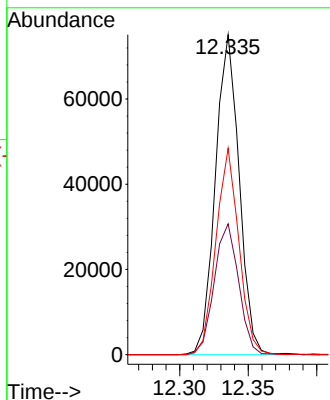
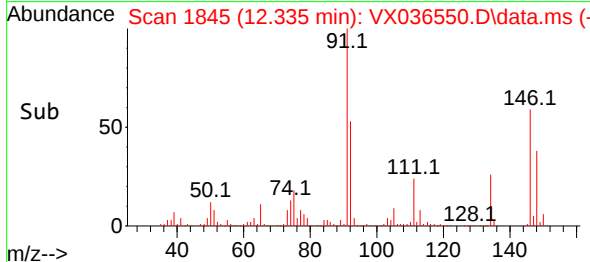
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



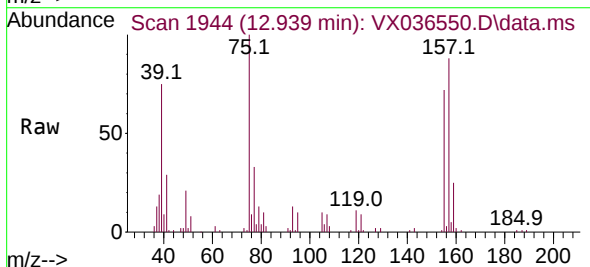
Tgt Ion:146 Resp: 90420
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.3
148 62.4 33.2 99.6

Manual Integrations
APPROVED

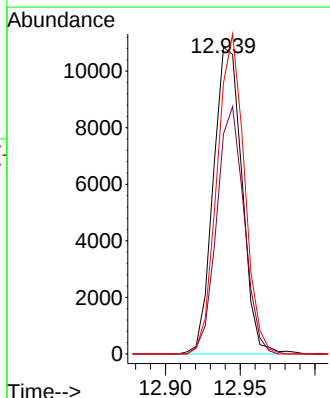
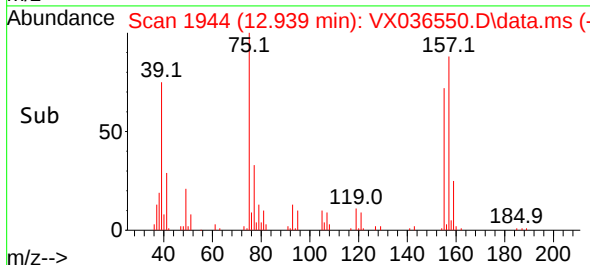
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

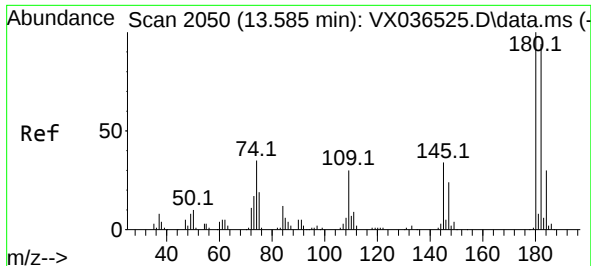


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.662 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



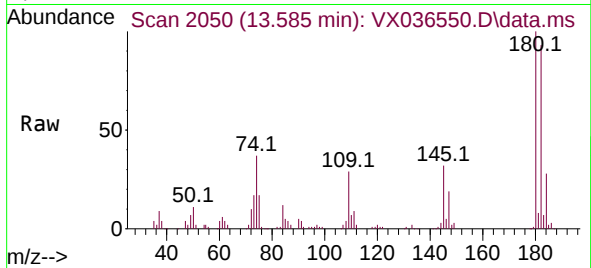
Tgt Ion: 75 Resp: 14451
Ion Ratio Lower Upper
75 100
155 76.9 62.7 94.1
157 99.5 81.5 122.3





#89
1,2,4-Trichlorobenzene
Concen: 18.218 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

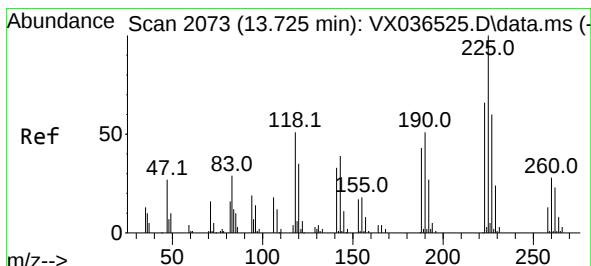
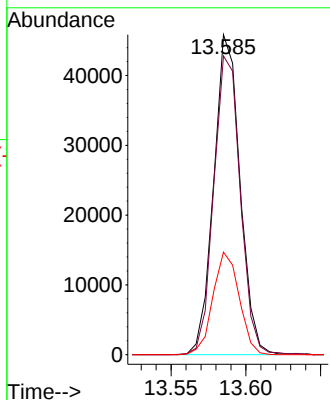
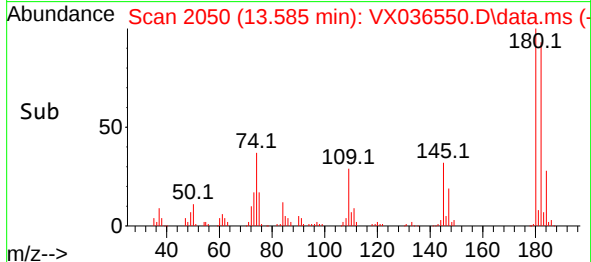
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



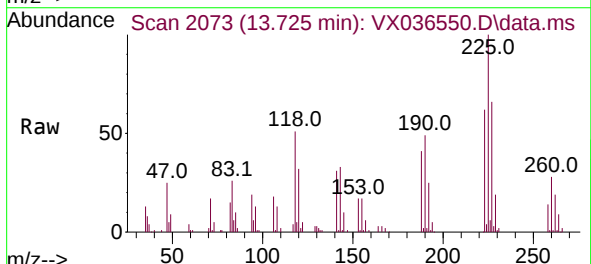
Tgt Ion:180 Resp: 55994
Ion Ratio Lower Upper
180 100
182 94.1 75.6 113.4
145 32.1 25.4 38.2

Manual Integrations
APPROVED

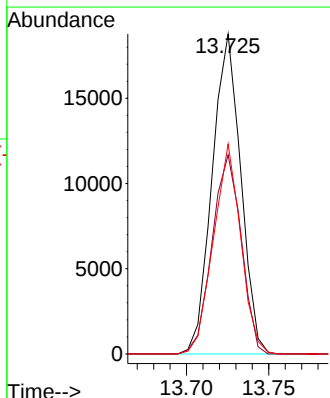
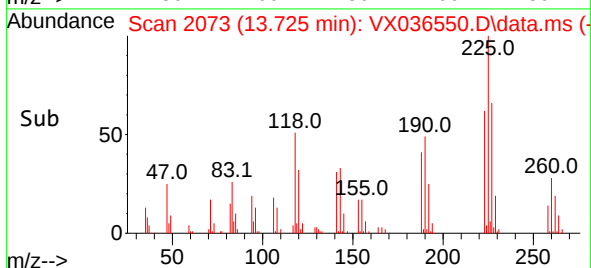
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

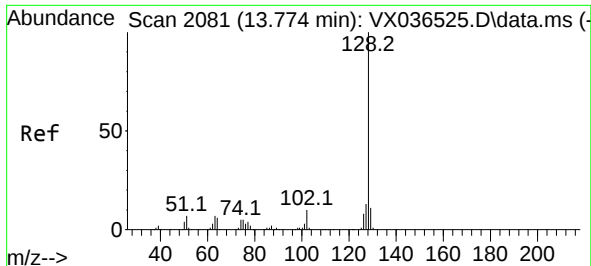


#90
Hexachlorobutadiene
Concen: 20.349 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



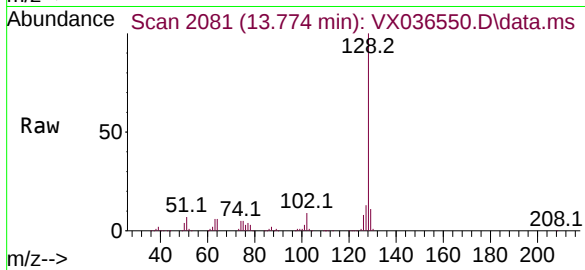
Tgt Ion:225 Resp: 22717
Ion Ratio Lower Upper
225 100
223 63.3 0.0 124.2
227 62.8 0.0 120.4





#91
Naphthalene
Concen: 17.644 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47

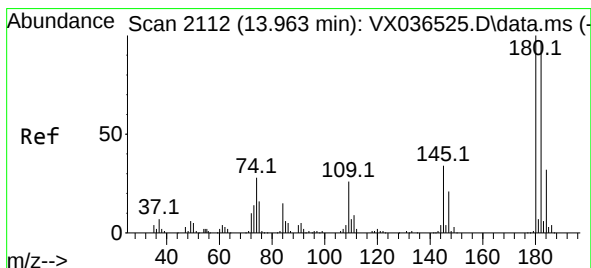
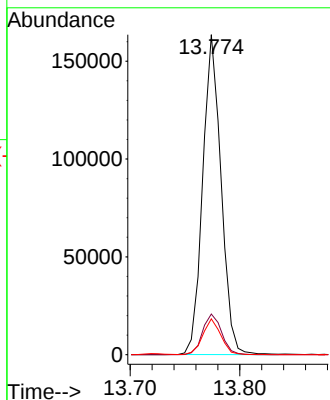
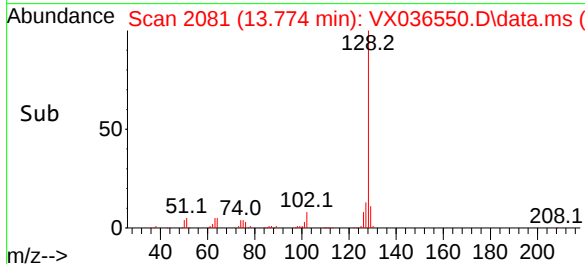
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBSD01



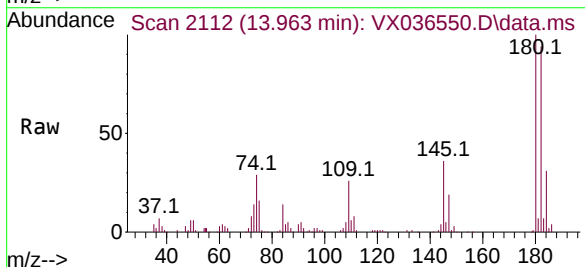
Tgt Ion:128 Resp: 190280
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.030 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036550.D
Acq: 14 Jul 2023 09:47



Tgt Ion:180 Resp: 55934
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.6
145 36.1 0.0 66.8

