

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036531.D
 Acq On : 13 Jul 2023 17:30
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 04:36:46 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	4.904	128	32211	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	178727	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	163872	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	77210	28.881	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.267%
60) 4-Bromofluorobenzene	11.079	95	81984	30.842	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.800%
63) Toluene-d8	8.647	98	225653	29.924	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.733%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	33650	18.698	ug/l	100
3) Chloromethane	1.295	50	42390	17.216	ug/l	97
4) Vinyl Chloride	1.374	62	43996	17.328	ug/l	98
5) Bromomethane	1.612	94	41882	16.107	ug/l	99
6) Chloroethane	1.685	64	28714	16.615	ug/l	92
7) Trichlorofluoromethane	1.886	101	75557	18.343	ug/l	100
8) Diethyl Ether	2.130	74	30231	17.664	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	34003	18.233	ug/l	99
10) 1,1-Dichloroethene	2.319	96	33123	17.572	ug/l	100
11) Methyl Iodide	2.453	142	36601	17.040	ug/l	97
12) Methyl Acetate	2.703	43	78902	17.808	ug/l	93
13) Acrolein	2.233	56	33923	93.330	ug/l	98
14) Acrylonitrile	3.063	53	108694	87.519	ug/l	95
15) Acetone	2.386	58	31215	88.777	ug/l	96
16) Carbon Disulfide	2.514	76	81943	17.918	ug/l	98
17) Allyl chloride	2.666	41	56811	16.990	ug/l	99
18) Methylene Chloride	2.788	84	40157	17.693	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	36530	17.730	ug/l	93
20) Diisopropyl ether	3.764	45	122690	18.003	ug/l	94
21) 1,1-Dichloroethane	3.611	63	68950	17.353	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	43549	17.562	ug/l	99
23) tert-Butyl Alcohol	2.971	59	52601m	91.207	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	123301	17.988	ug/l	98
25) Chloroform	5.093	83	72618	17.678	ug/l	99
26) Cyclohexane	5.471	56	56886	18.662	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	51374	19.062	ug/l	99
30) 2-Butanone	4.556	43	158164	93.203	ug/l	100
31) 2,2-Dichloropropane	4.477	77	54426	18.415	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	58674	18.321	ug/l	100
33) Carbon Tetrachloride	5.678	117	49505	18.119	ug/l	98
34) Benzene	6.038	78	153115	18.431	ug/l #	94
35) Methacrylonitrile	4.922	41	32313	18.353	ug/l	96
36) 1,2-Dichloroethane	6.086	62	60106	18.843	ug/l #	88
37) Trichloroethene	7.123	130	40860	18.688	ug/l	92
38) Methylcyclohexane	7.379	83	64251	20.492	ug/l	96
39) 1,2-Dichloropropane	7.428	63	41590	18.469	ug/l	98
40) Dibromomethane	7.580	93	30303	18.578	ug/l	98
41) Bromodichloromethane	7.824	83	53125	17.946	ug/l	100
42) Vinyl Acetate	3.721	43	484103	94.445	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	63038	19.084	ug/l	98
44) Isopropyl Acetate	6.342	43	98070	18.616	ug/l	99
45) 1,4-Dioxane	7.678	88	23062	385.680	ug/l #	1
46) Methyl methacrylate	7.690	41	46665	18.534	ug/l	90
47) n-amyl Acetate	10.842	43	83631	18.717	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	58529	18.026	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	63700	18.162	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	41416	18.704	ug/l	97
51) Ethyl methacrylate	9.116	69	66182	19.038	ug/l	100
52) 1,3-Dichloropropane	9.311	76	71515	19.138	ug/l	98
53) Dibromochloromethane	9.519	129	40409	18.080	ug/l	100
54) 1,2-Dibromoethane	9.610	107	43969	18.903	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	185746	99.351	ug/l	99
56) Bromoform	10.799	173	28342	18.227	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	313958	92.650	ug/l	98
59) 2-Hexanone	9.427	43	240893	93.443	ug/l	100
61) Tetrachloroethene	9.275	164	37749	19.233	ug/l	99
62) Toluene	8.720	91	168234	18.297	ug/l	98
64) Chlorobenzene	10.080	112	105588	18.446	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	38428	18.589	ug/l	99
66) Ethyl Benzene	10.195	91	186159	18.630	ug/l	96
67) m/p-Xylenes	10.299	106	143692	36.885	ug/l	98
68) o-Xylene	10.640	106	72288	18.697	ug/l	100
69) Styrene	10.659	104	117335	18.718	ug/l	98
70) Isopropylbenzene	10.964	105	182785	18.982	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.214	83	65567	18.655	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	62415m	19.164	ug/l	
73) Bromobenzene	11.201	156	44754	18.801	ug/l	97
74) n-propylbenzene	11.305	91	218838	19.308	ug/l	99
75) 2-Chlorotoluene	11.366	91	130826	18.982	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	154619	18.686	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	18844	17.620	ug/l	94
78) 4-Chlorotoluene	11.457	91	148910	18.976	ug/l	100
79) tert-butylbenzene	11.713	119	148514	18.910	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	158269	19.303	ug/l	99
81) sec-Butylbenzene	11.890	105	189526	19.172	ug/l	99
82) p-Isopropyltoluene	12.012	119	158998	19.332	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	84252	19.029	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	82142	18.618	ug/l	99
85) n-Butylbenzene	12.335	91	142601	19.047	ug/l	99
86) Hexachloroethane	12.543	117	24426	17.938	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	83989	18.912	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	14254	18.036	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	51135	18.259	ug/l	97
90) Hexachlorobutadiene	13.725	225	21132	20.774	ug/l	97
91) Naphthalene	13.774	128	184062	18.731	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	54226	19.183	ug/l	98

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

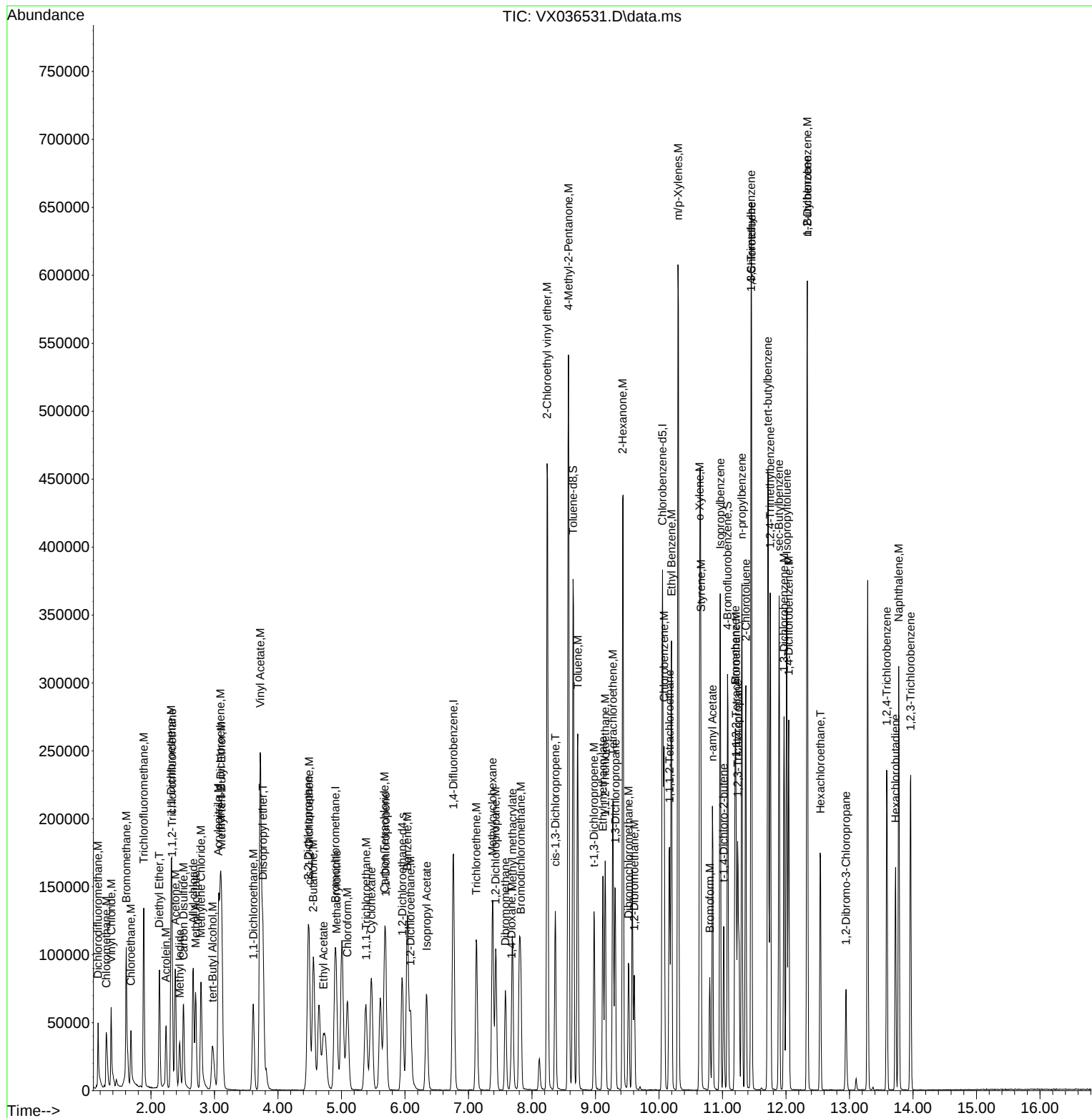
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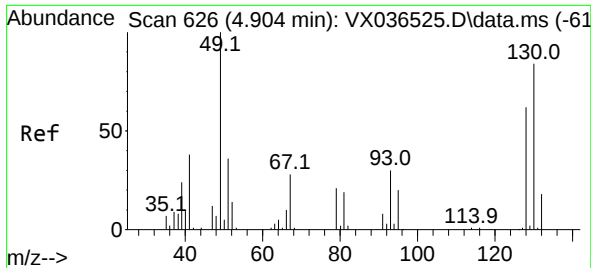
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MSVOA_X
ClientSampleId :
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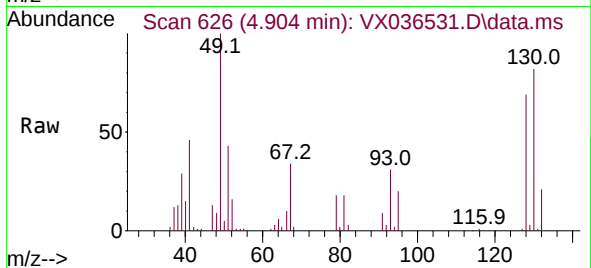
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

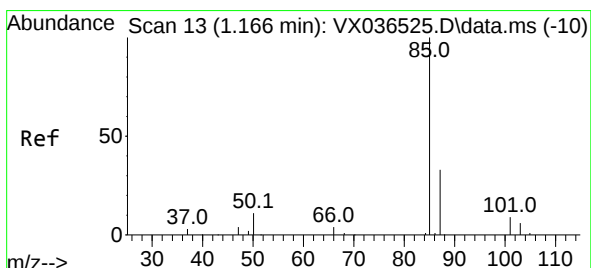
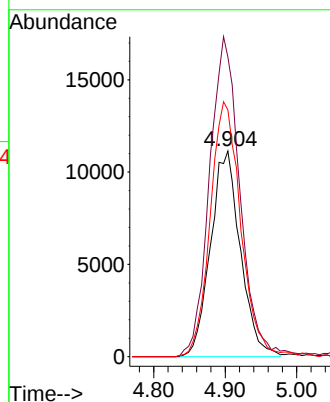
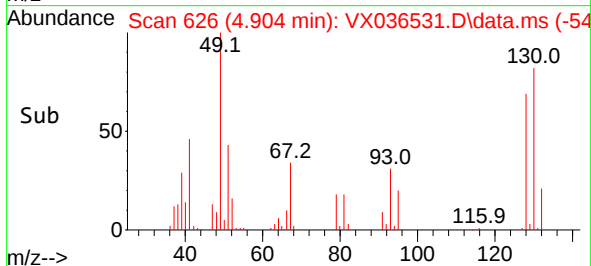
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:128 Resp: 3221
Ion Ratio Lower Upper
128 100
49 157.9 0.0 406.3
130 126.7 0.0 328.0

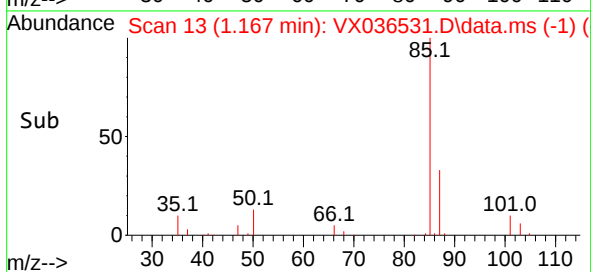
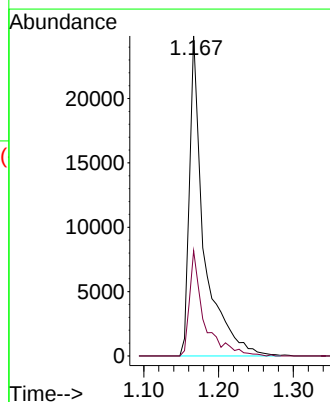
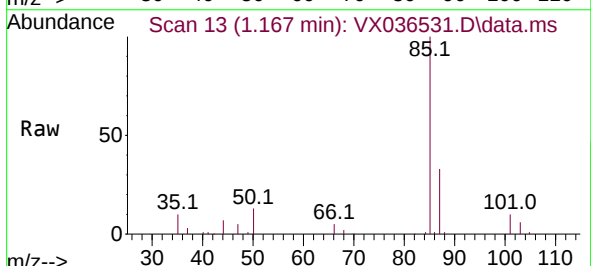
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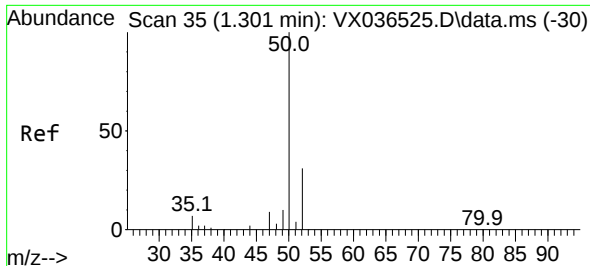
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 18.698 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

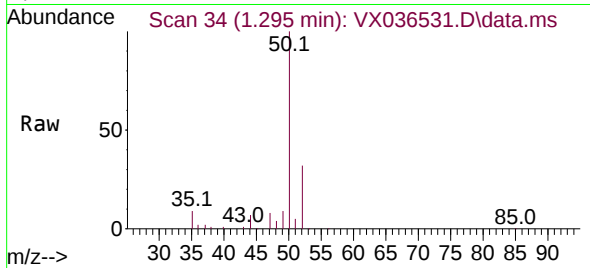
Tgt Ion: 85 Resp: 33650
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.4





#3
Chloromethane
Concen: 17.216 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

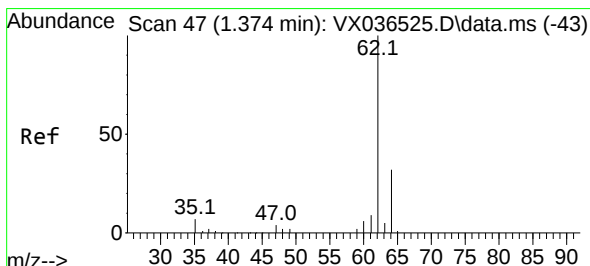
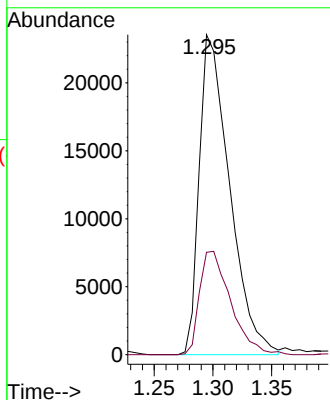
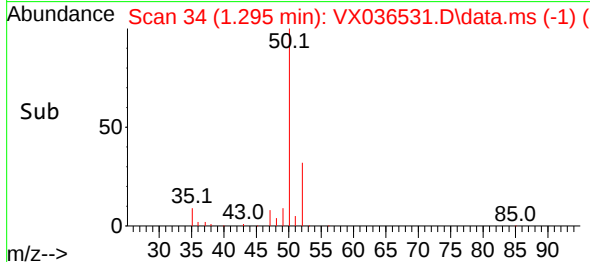
Instrument :
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Tgt Ion: 50 Resp: 42390
Ion Ratio Lower Upper
50 100
52 32.0 24.5 36.7

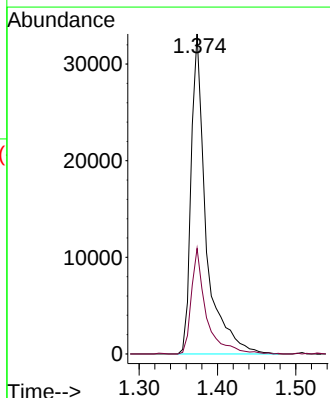
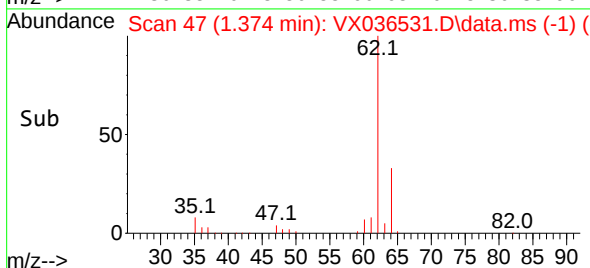
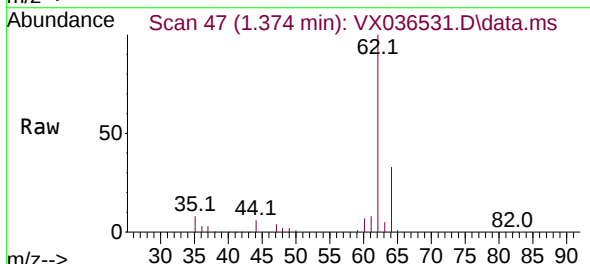
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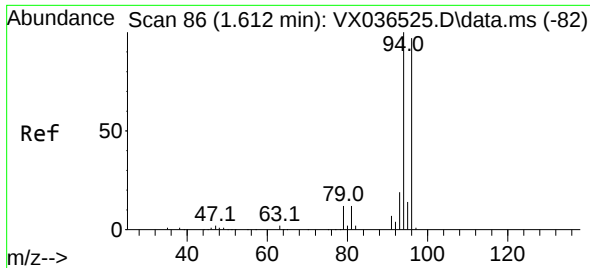
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 17.328 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

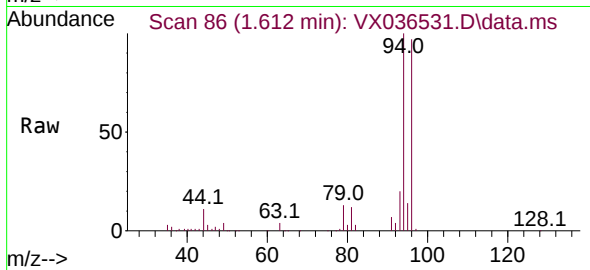
Tgt Ion: 62 Resp: 43996
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9





#5
Bromomethane
Concen: 16.107 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

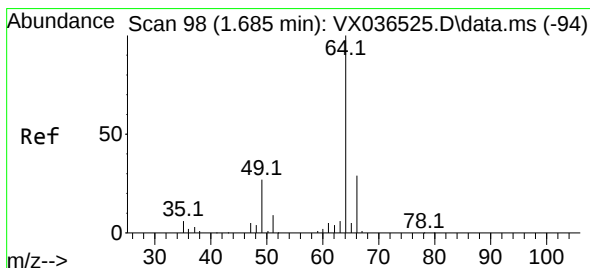
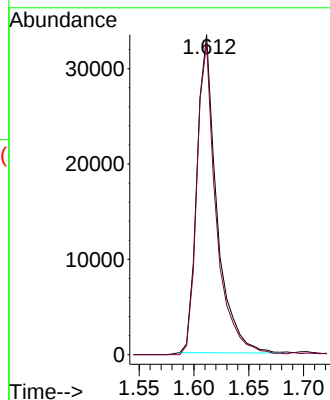
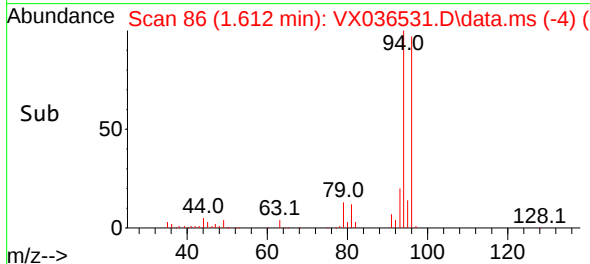
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Tgt Ion: 94 Resp: 4188
Ion Ratio Lower Upper
94 100
96 98.0 77.4 116.2

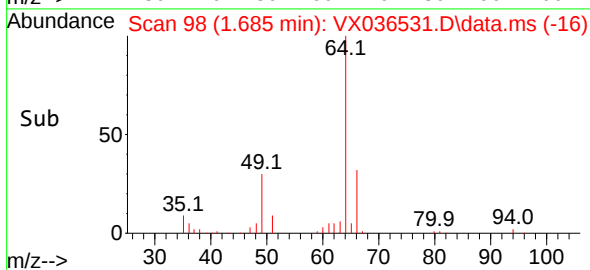
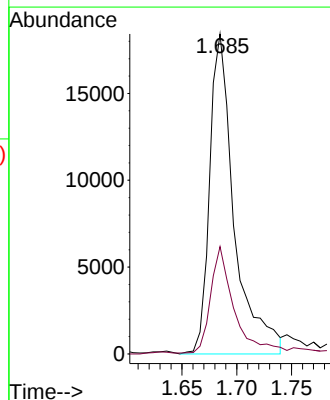
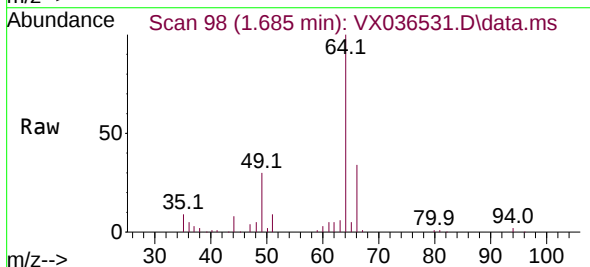
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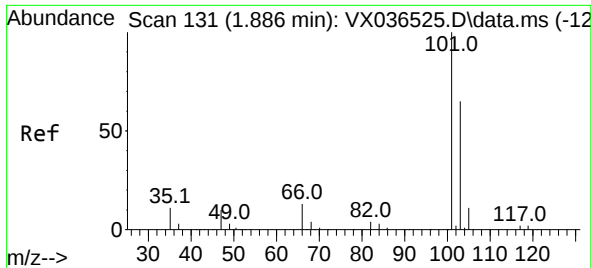
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 16.615 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

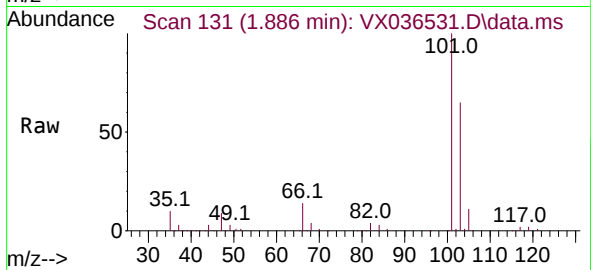
Tgt Ion: 64 Resp: 28714
Ion Ratio Lower Upper
64 100
66 33.3 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 18.343 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036531.D
 Acq: 13 Jul 2023 17:30

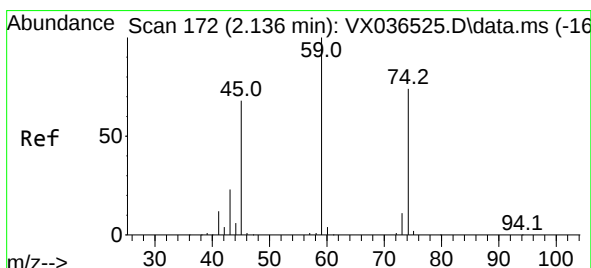
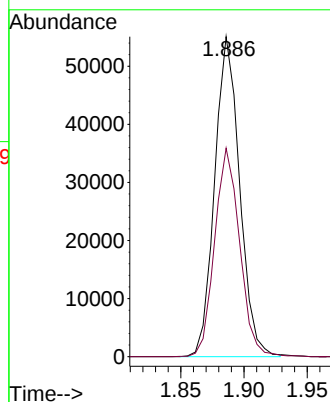
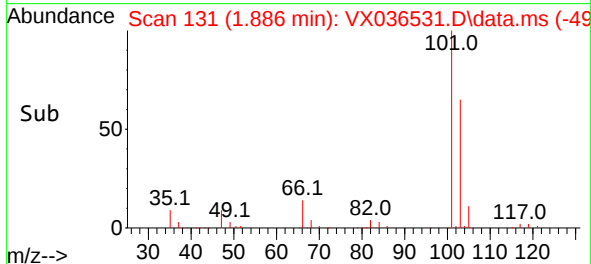
Instrument :
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Tgt Ion:101 Resp: 7555
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2

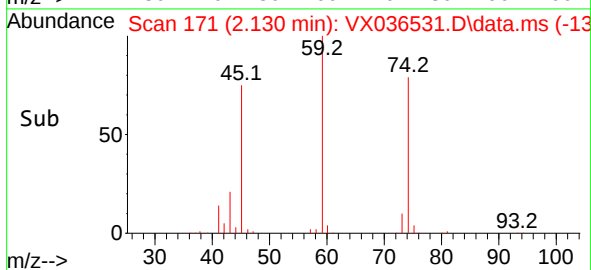
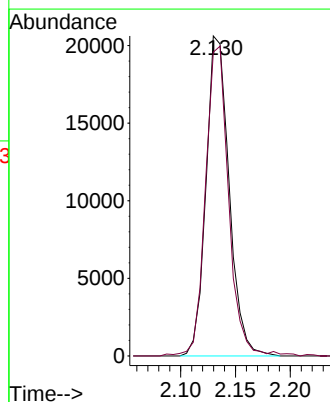
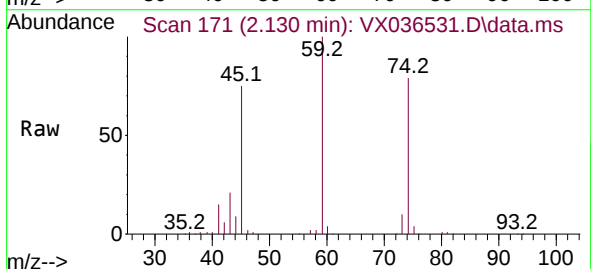
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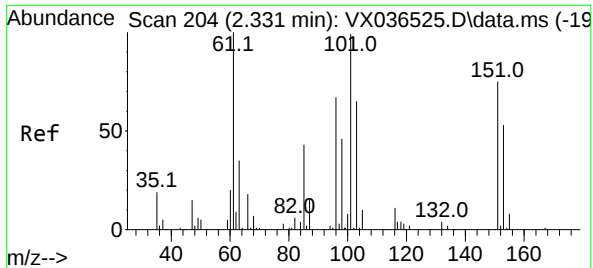
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#8
 Diethyl Ether
 Concen: 17.664 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036531.D
 Acq: 13 Jul 2023 17:30

Tgt Ion: 74 Resp: 30231
 Ion Ratio Lower Upper
 74 100
 45 95.7 19.9 178.9





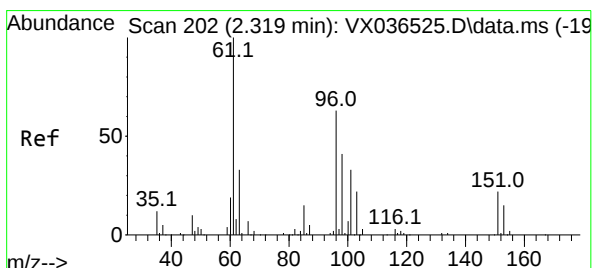
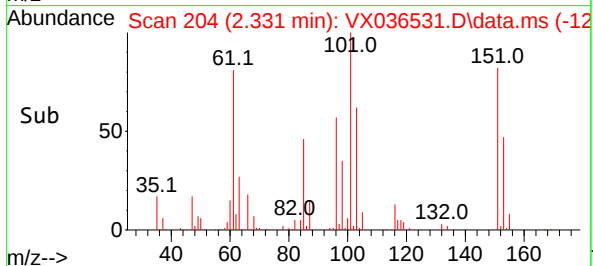
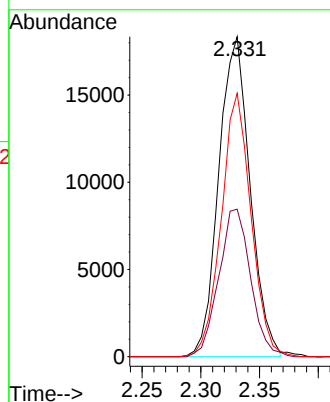
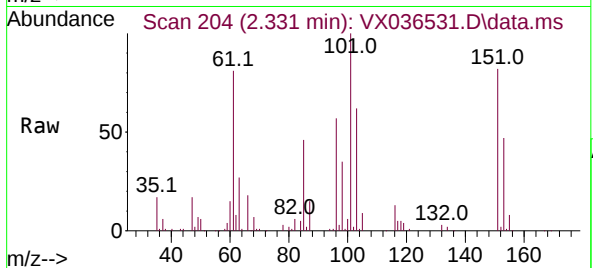
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.233 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:101 Resp: 3400
Ion Ratio Lower Upper
101 100
85 46.8 0.0 91.0
151 78.3 0.0 155.4

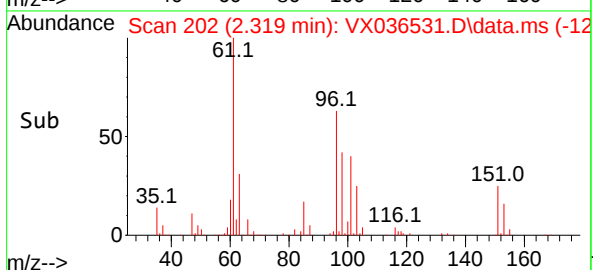
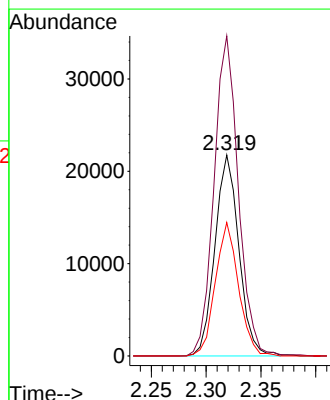
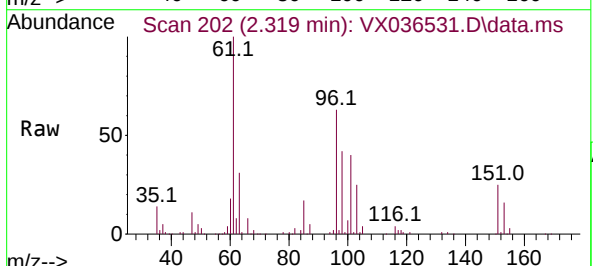
Manual Integrations
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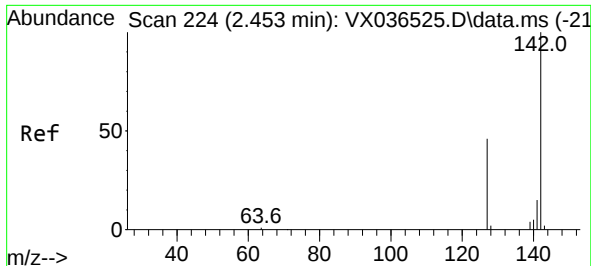
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 17.572 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

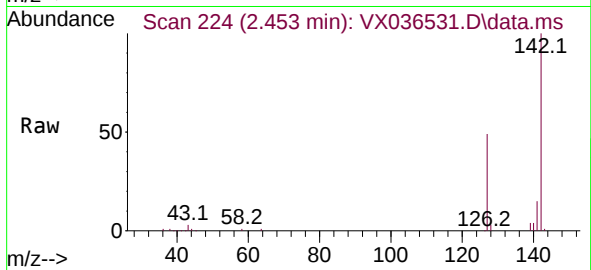
Tgt Ion: 96 Resp: 33123
Ion Ratio Lower Upper
96 100
61 159.2 127.2 190.8
98 66.4 52.7 79.1





#11
Methyl Iodide
Concen: 17.040 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

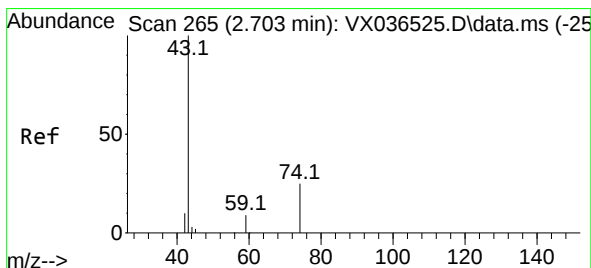
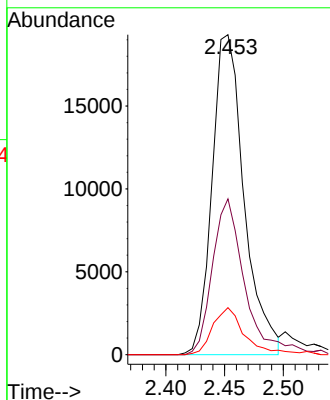
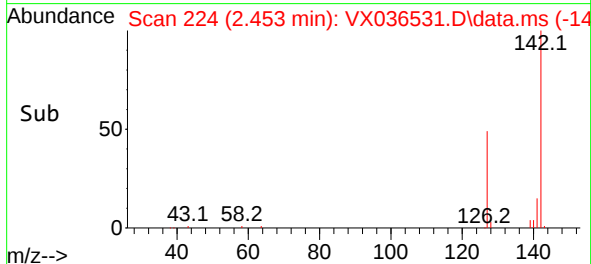
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:142 Resp: 3660
Ion Ratio Lower Upper
142 100
127 48.0 22.9 68.8
141 14.4 7.5 22.6

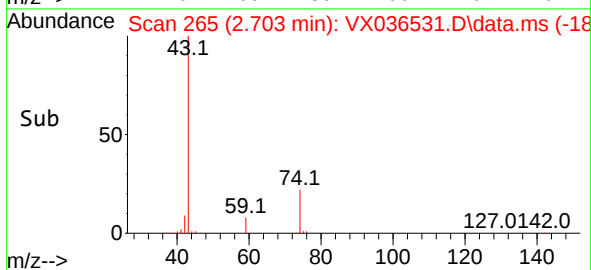
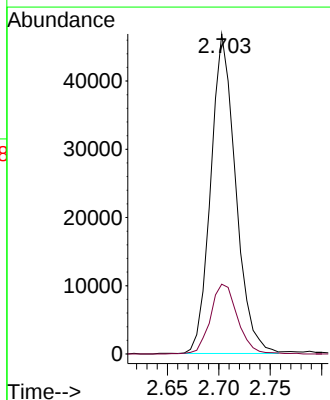
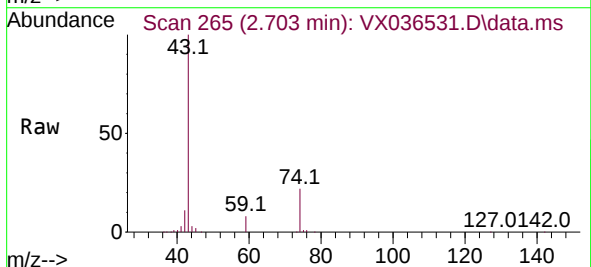
Manual Integrations
APPROVED

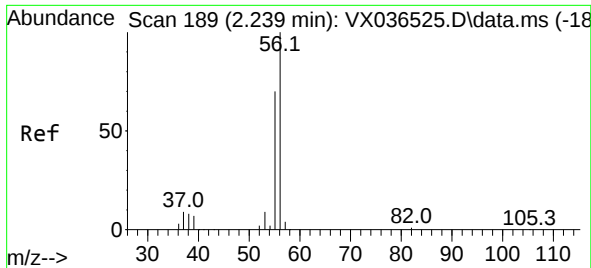
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#12
Methyl Acetate
Concen: 17.808 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion: 43 Resp: 78902
Ion Ratio Lower Upper
43 100
74 21.6 20.3 30.5





#13

Acrolein

Concen: 93.330 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 56 Resp: 3392

Ion Ratio Lower Upper

56 100

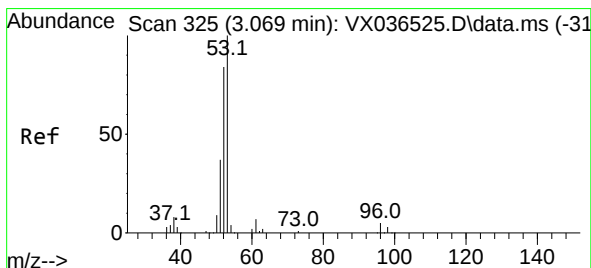
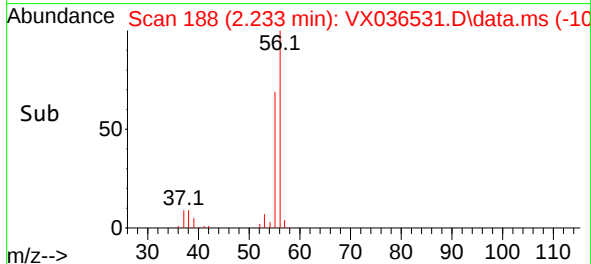
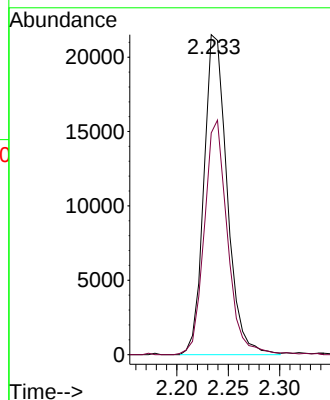
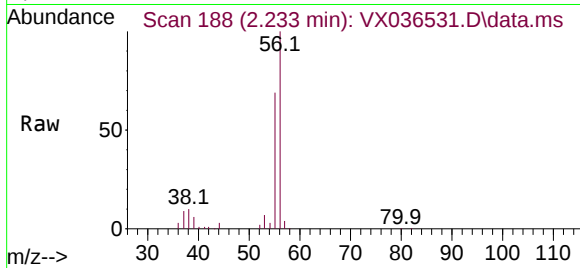
55 72.8 59.7 89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#14

Acrylonitrile

Concen: 87.519 ug/l

RT: 3.063 min Scan# 324

Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

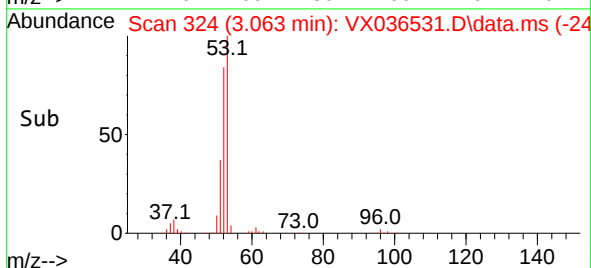
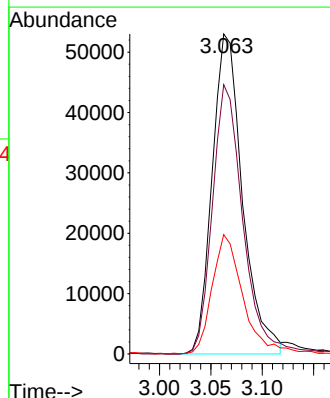
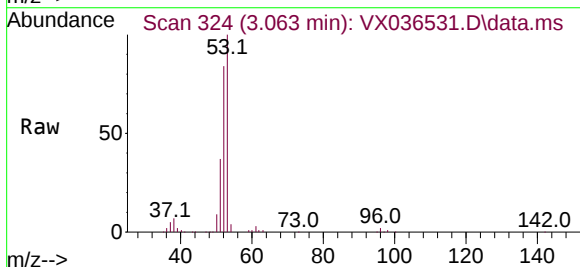
Tgt Ion: 53 Resp: 108694

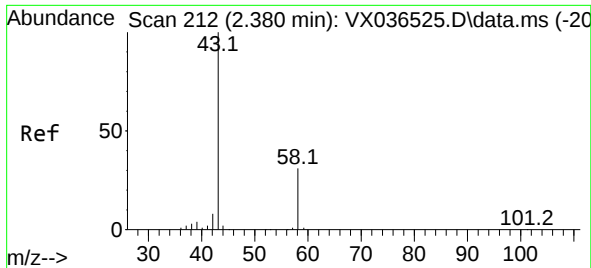
Ion Ratio Lower Upper

53 100

52 85.6 40.0 119.9

51 37.4 18.2 54.6





#15

Acetone

Concen: 88.777 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 58 Resp: 3121

Ion Ratio Lower Upper

58 100

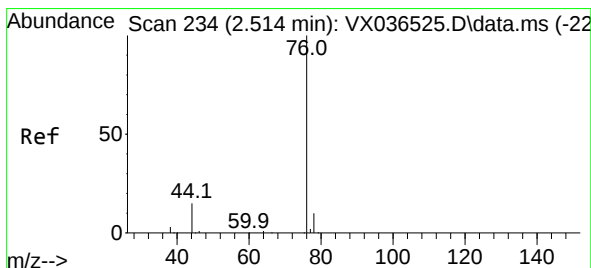
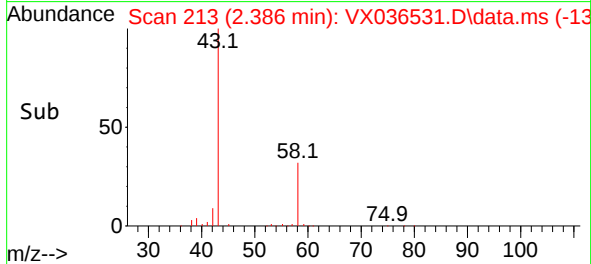
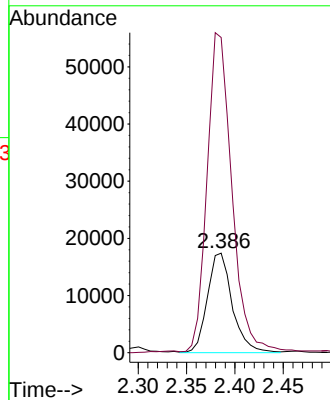
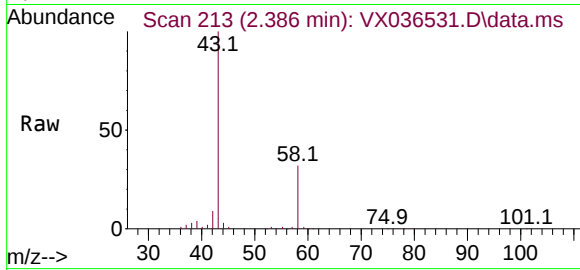
43 317.0 261.0 391.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#16

Carbon Disulfide

Concen: 17.918 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036531.D

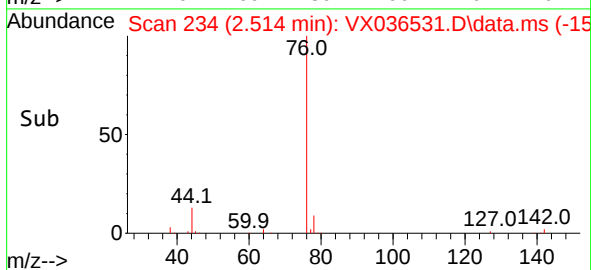
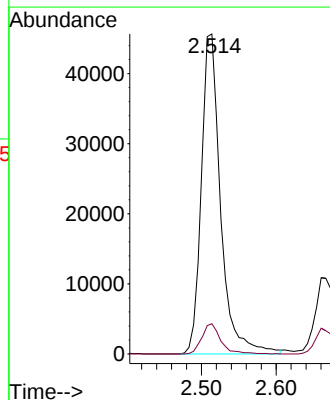
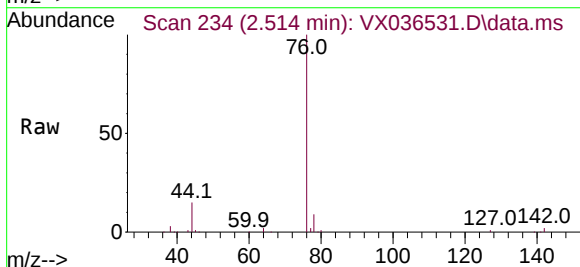
Acq: 13 Jul 2023 17:30

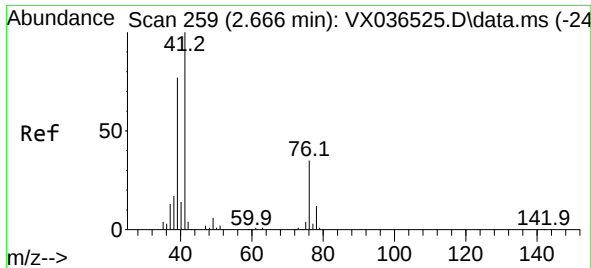
Tgt Ion: 76 Resp: 81943

Ion Ratio Lower Upper

76 100

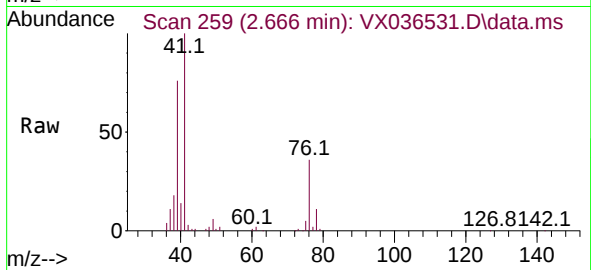
78 9.4 8.0 12.0





#17
 Allyl chloride
 Concen: 16.990 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036531.D
 Acq: 13 Jul 2023 17:30

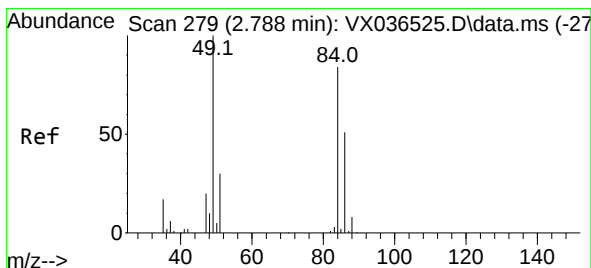
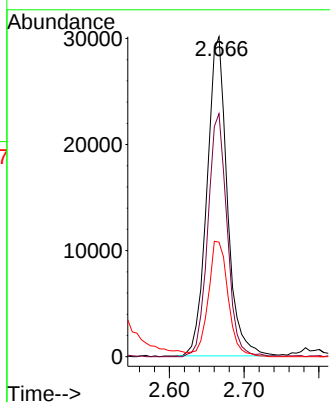
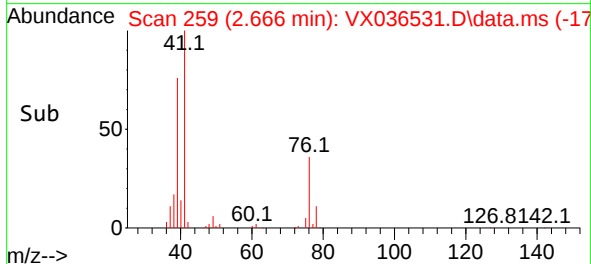
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01



Tgt Ion: 41 Resp: 5681
 Ion Ratio Lower Upper
 41 100
 39 76.1 38.5 115.3
 76 35.9 18.6 55.8

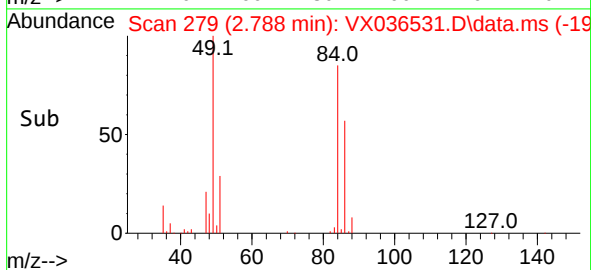
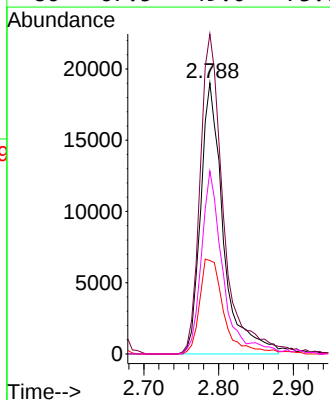
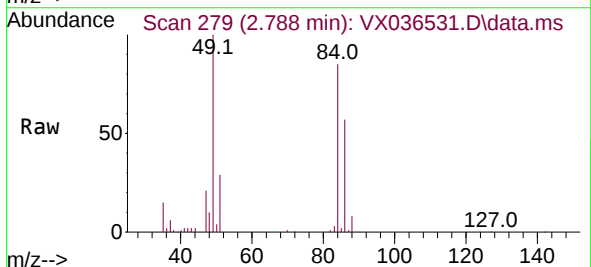
Manual Integrations
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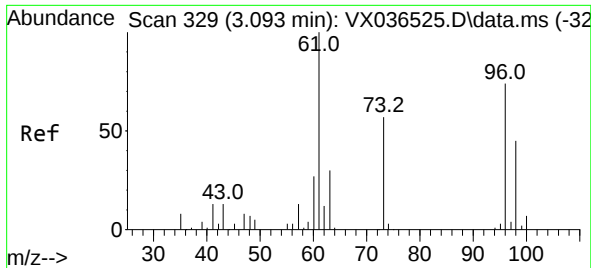
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#18
 Methylene Chloride
 Concen: 17.693 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX036531.D
 Acq: 13 Jul 2023 17:30

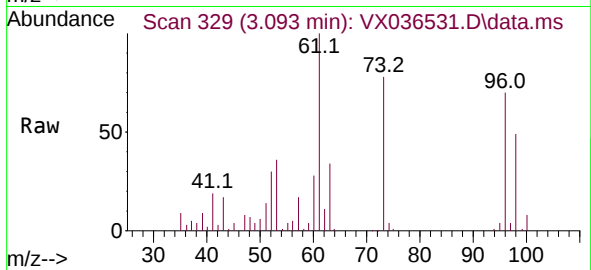
Tgt Ion: 84 Resp: 40157
 Ion Ratio Lower Upper
 84 100
 49 118.1 95.4 143.0
 51 34.5 28.3 42.5
 86 67.5 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 17.730 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

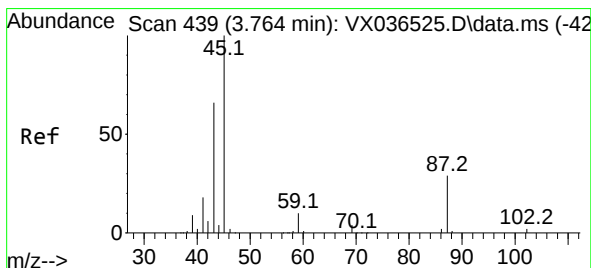
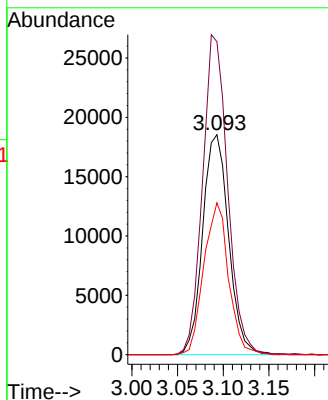
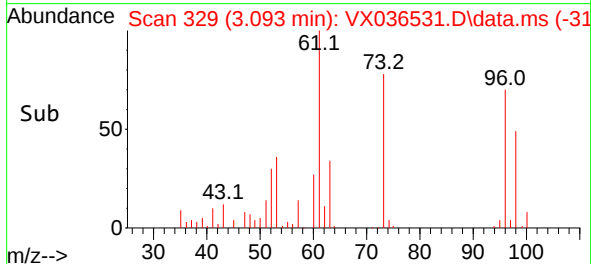
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



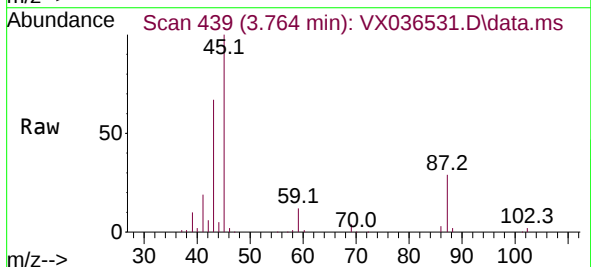
Tgt Ion: 96 Resp: 36530
Ion Ratio Lower Upper
96 100
61 141.9 108.7 163.1
98 69.0 49.1 73.7

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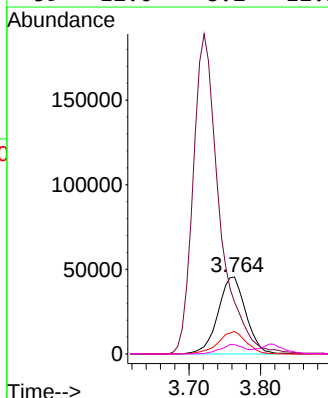
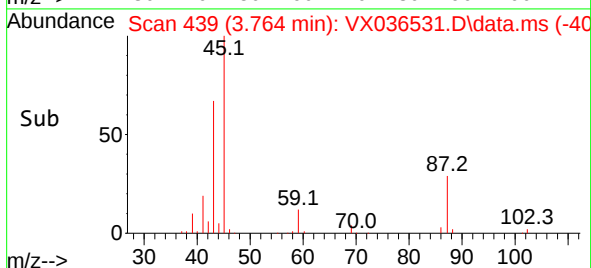
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

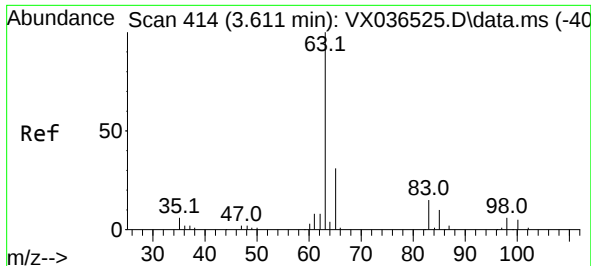


#20
Diisopropyl ether
Concen: 18.003 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



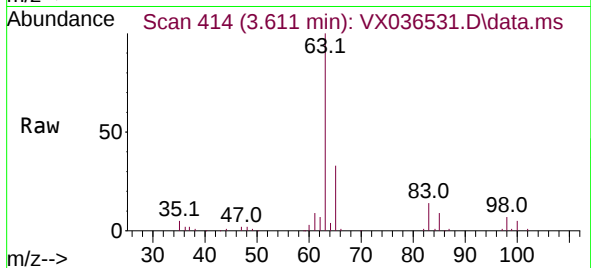
Tgt Ion: 45 Resp: 122690
Ion Ratio Lower Upper
45 100
43 62.6 55.8 83.6
87 29.4 23.0 34.4
59 12.0 8.2 12.2





#21
1,1-Dichloroethane
Concen: 17.353 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

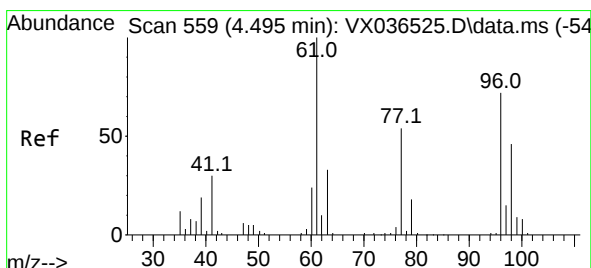
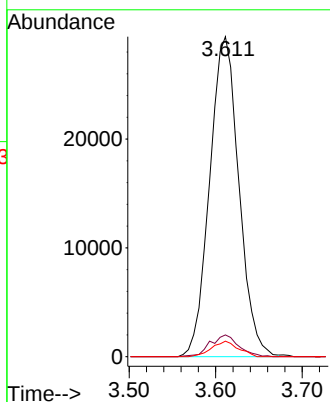
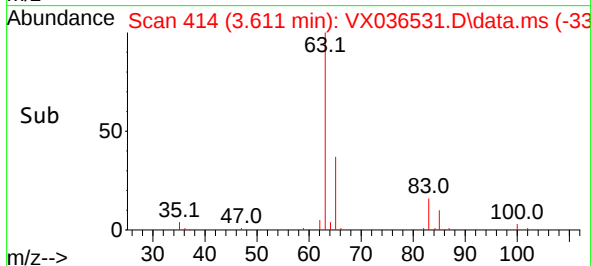
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 63 Resp: 68950
Ion Ratio Lower Upper
63 100
98 6.8 3.2 9.6
100 4.8 2.3 6.8

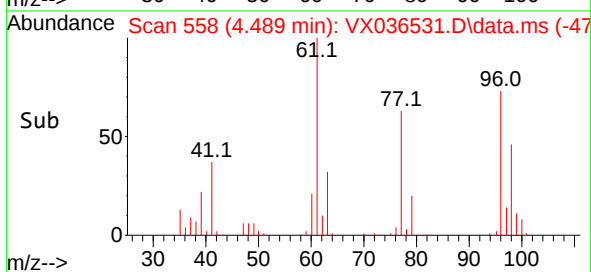
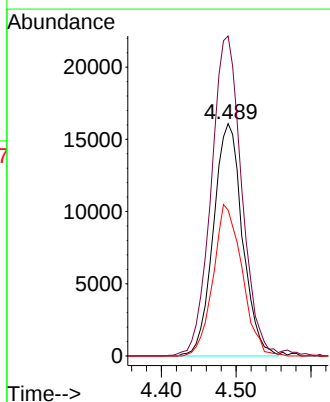
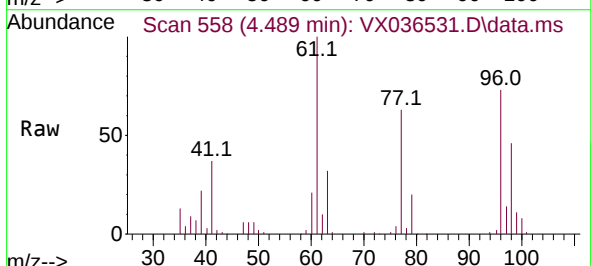
Manual Integrations
APPROVED

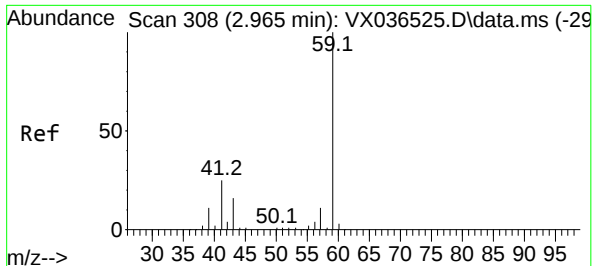
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#22
cis-1,2-Dichloroethene
Concen: 17.562 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion: 96 Resp: 43549
Ion Ratio Lower Upper
96 100
61 144.4 114.0 171.0
98 64.4 51.6 77.4





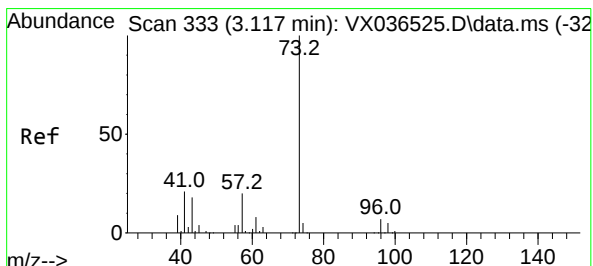
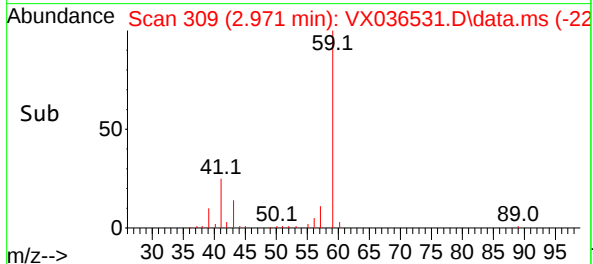
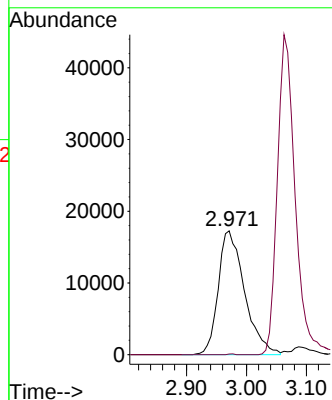
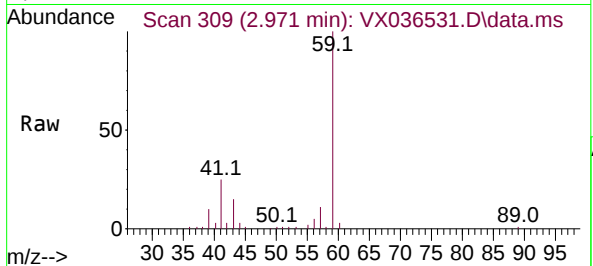
#23
tert-Butyl Alcohol
Concen: 91.207 ug/l m
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 59 Resp: 5260
Ion Ratio Lower Upper
59 100
52 0.2 142.6 213.8

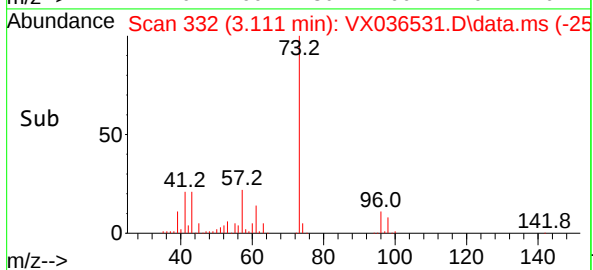
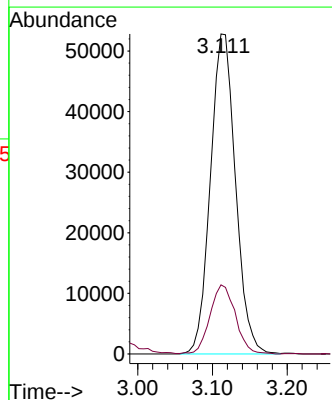
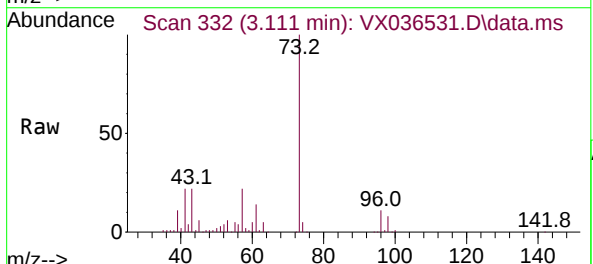
Manual Integrations
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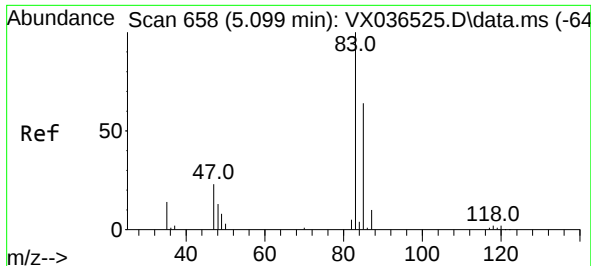
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 17.988 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

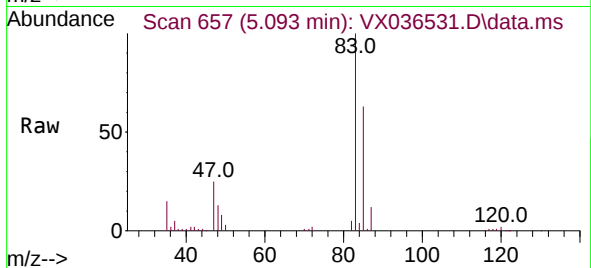
Tgt Ion: 73 Resp: 123301
Ion Ratio Lower Upper
73 100
43 21.9 16.8 25.2





#25
Chloroform
Concen: 17.678 ug/l
RT: 5.093 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

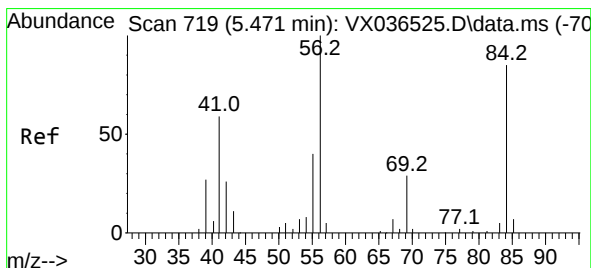
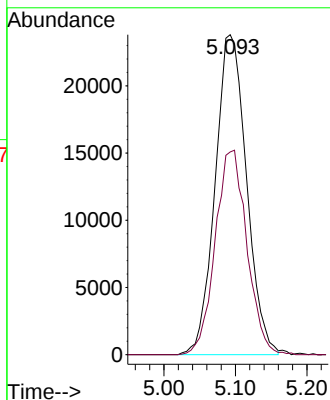
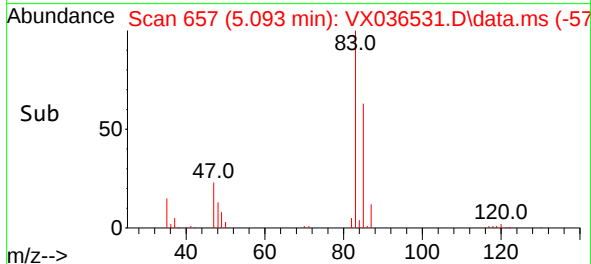
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 83 Resp: 72618
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3

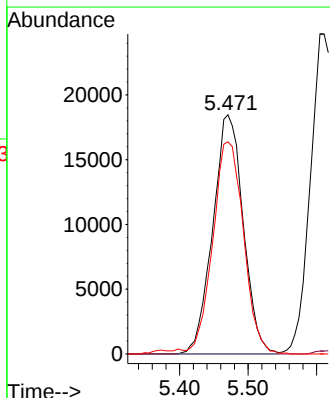
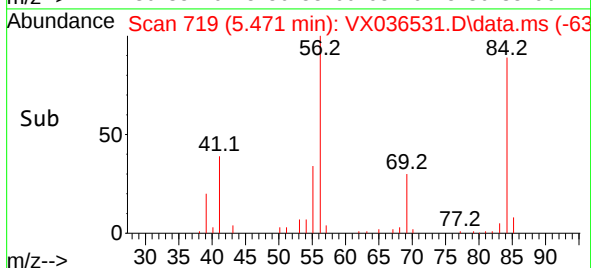
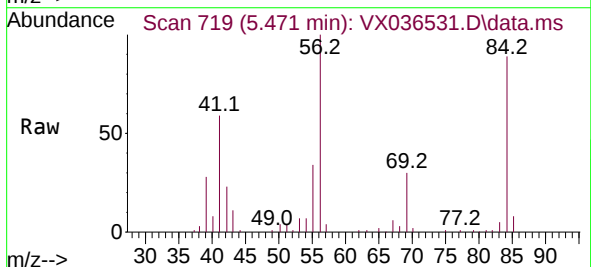
Manual Integrations
APPROVED

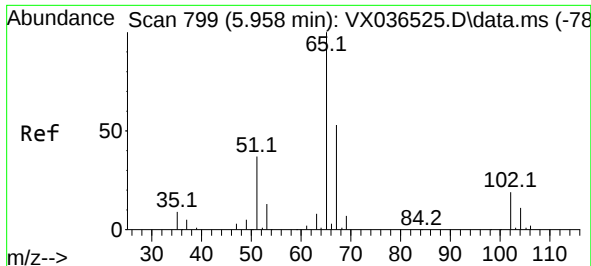
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
Cyclohexane
Concen: 18.662 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion: 56 Resp: 56886
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.7 71.4 107.2





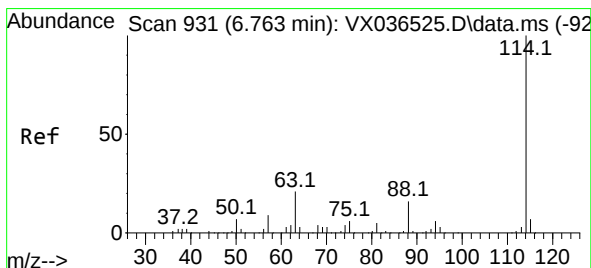
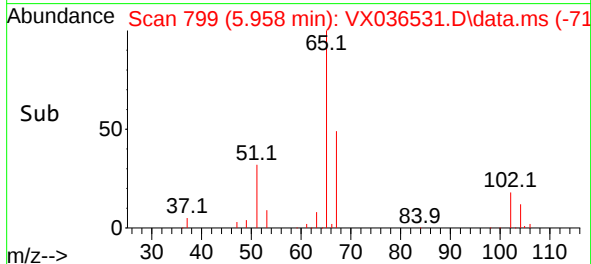
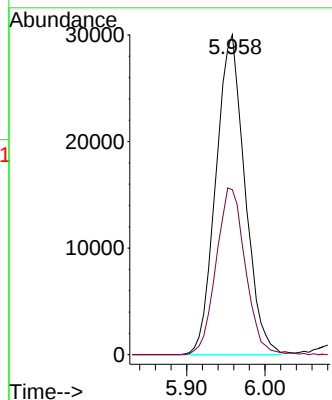
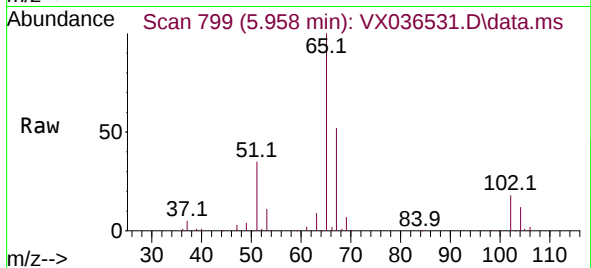
#27
1,2-Dichloroethane-d4
Concen: 28.881 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 65 Resp: 77210
Ion Ratio Lower Upper
65 100
67 52.4 42.1 63.1

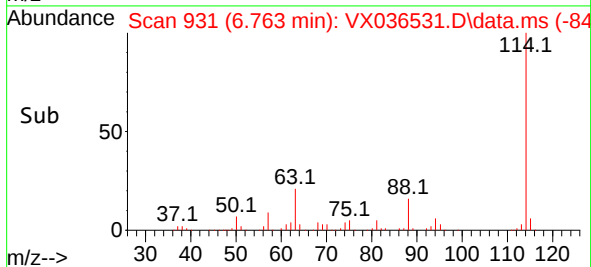
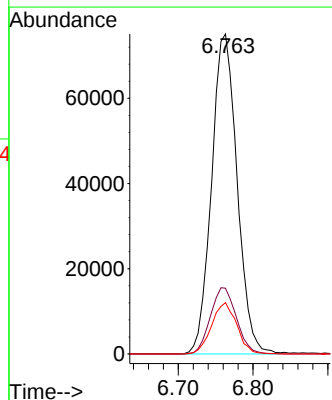
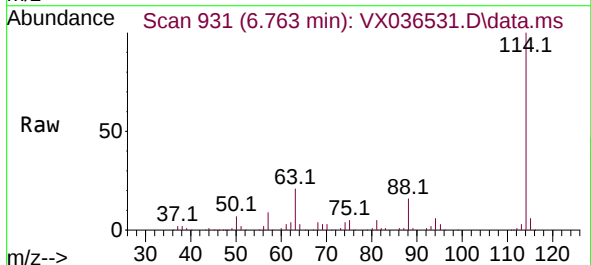
Manual Integrations
APPROVED

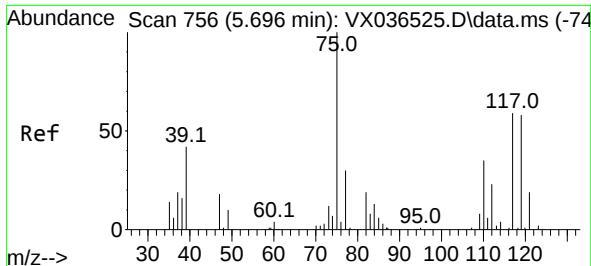
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion:114 Resp: 178727
Ion Ratio Lower Upper
114 100
63 21.0 16.6 24.8
88 15.8 12.9 19.3





#29

1,1-Dichloropropene

Concen: 19.062 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

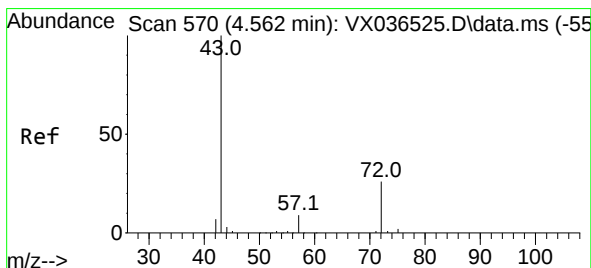
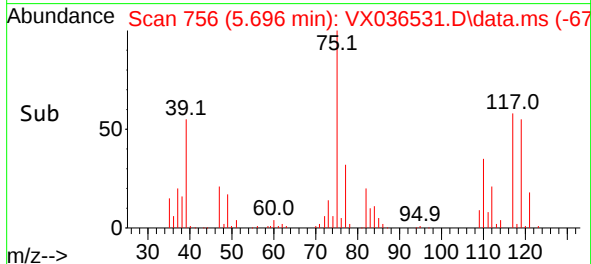
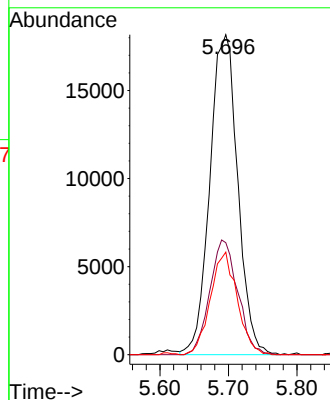
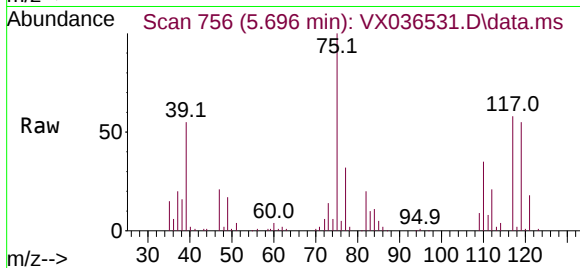
Tgt Ion: 75	Resp: 51374
Ion Ratio	Lower Upper
75 100	
110 35.8	0.0 70.4
77 30.8	0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

2-Butanone

Concen: 93.203 ug/l

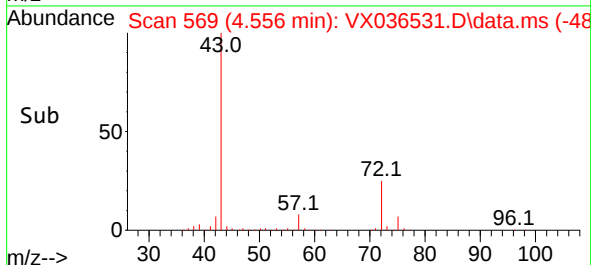
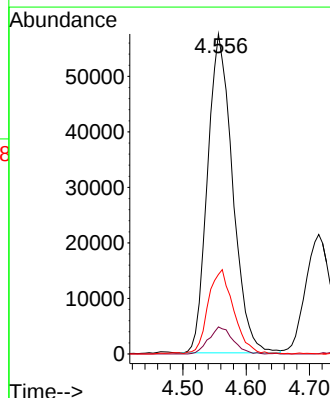
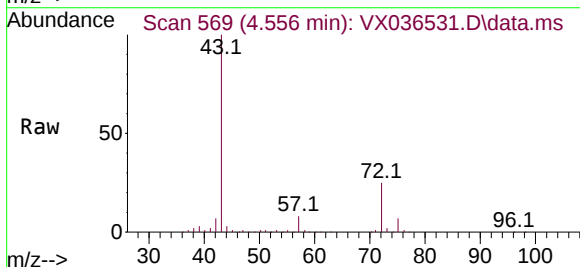
RT: 4.556 min Scan# 569

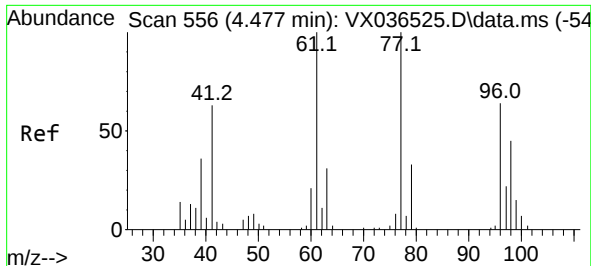
Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Tgt Ion: 43	Resp: 158164
Ion Ratio	Lower Upper
43 100	
57 8.1	6.4 9.6
72 26.8	21.6 32.4





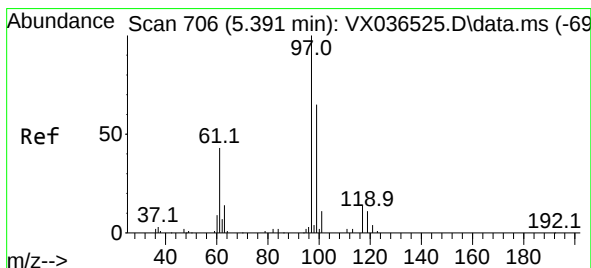
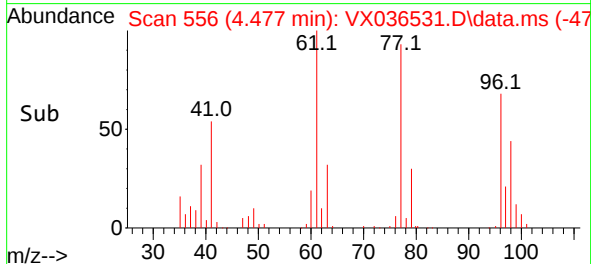
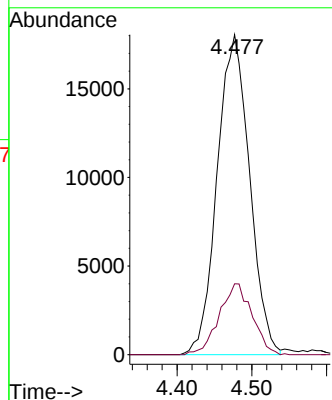
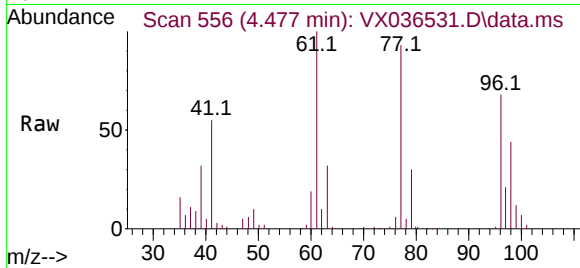
#31
2,2-Dichloropropane
Concen: 18.415 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 77 Resp: 54420
Ion Ratio Lower Upper
77 100
97 22.5 18.6 27.8

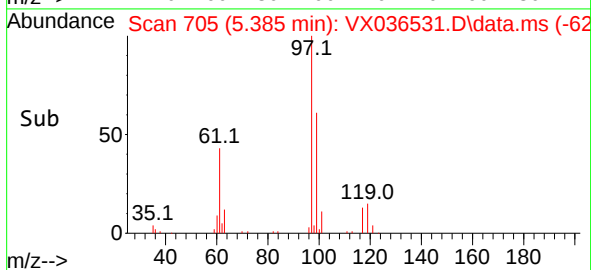
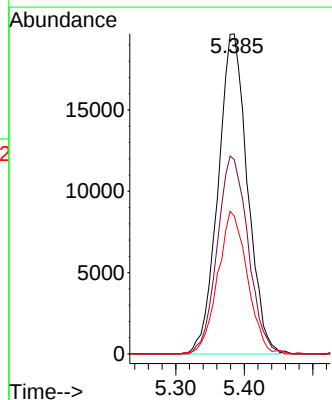
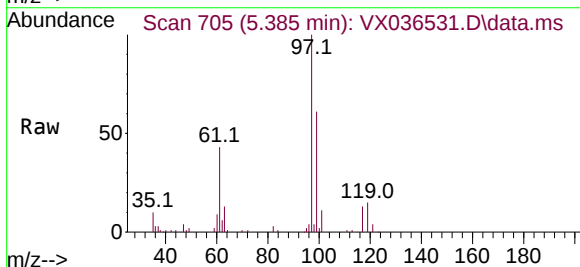
Manual Integrations
APPROVED

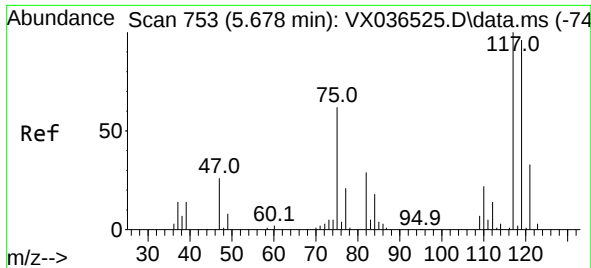
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.321 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion: 97 Resp: 58674
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 44.5 35.8 53.8





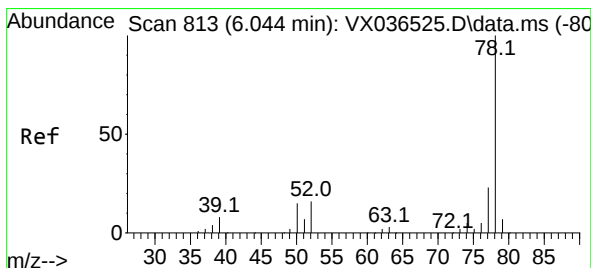
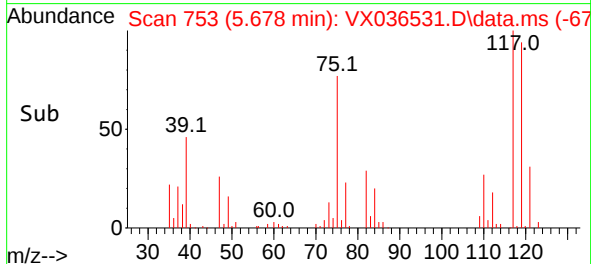
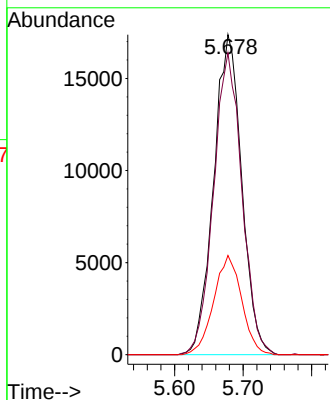
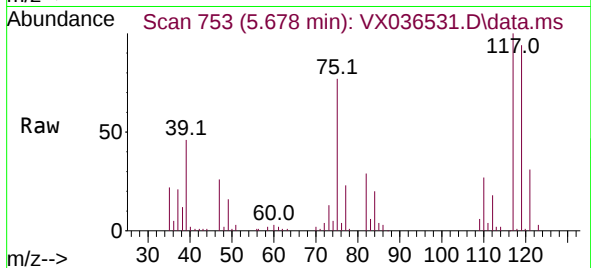
#33
Carbon Tetrachloride
Concen: 18.119 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:117 Resp: 4950
Ion Ratio Lower Upper
117 100
119 94.3 76.6 115.0
121 31.0 26.5 39.7

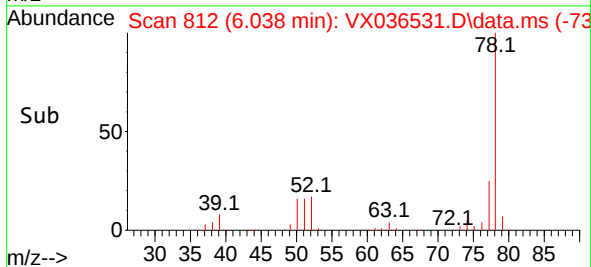
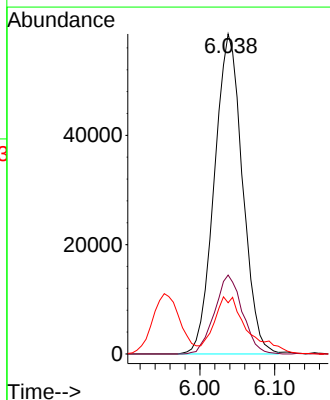
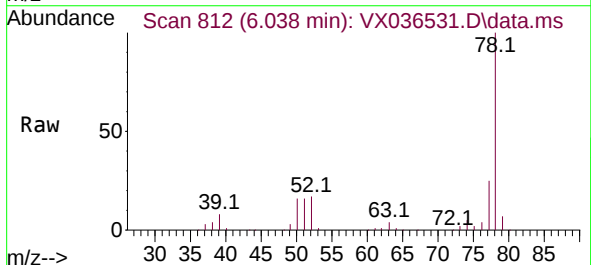
Manual Integrations
APPROVED

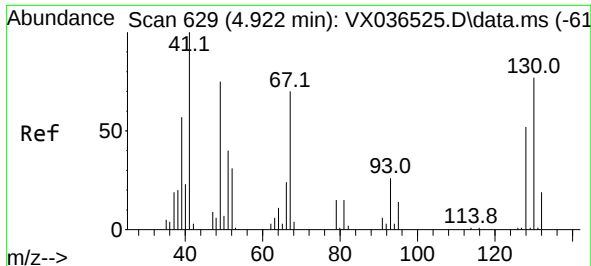
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#34
Benzene
Concen: 18.431 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

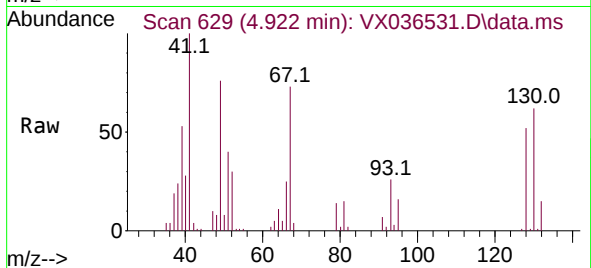
Tgt Ion: 78 Resp: 153115
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1
51 13.6 14.2 21.4#





#35
Methacrylonitrile
Concen: 18.353 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

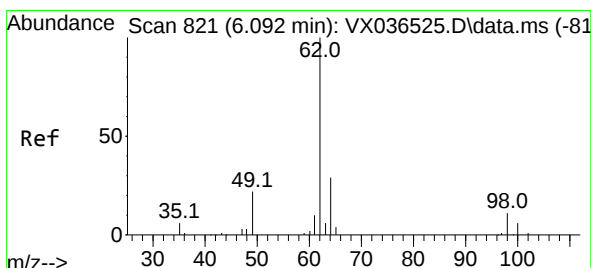
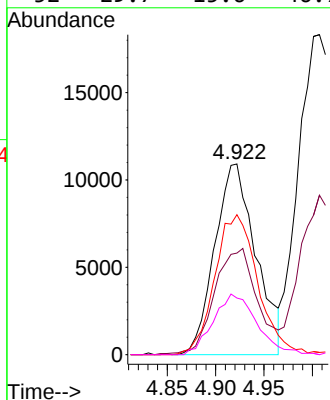
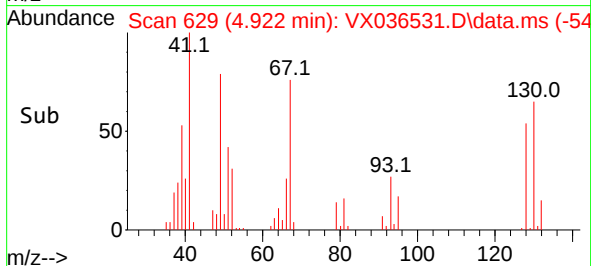
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:	41	Resp:	3231
Ion	Ratio	Lower	Upper
41	100		
39	52.3	28.2	84.7
67	72.9	35.0	105.1
52	29.7	15.6	46.7

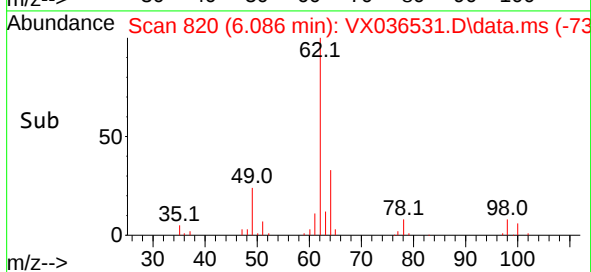
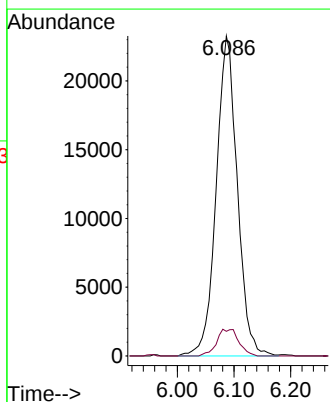
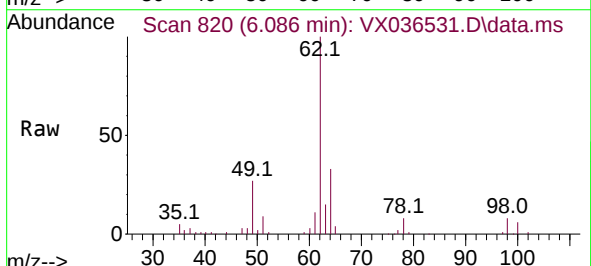
Manual Integrations
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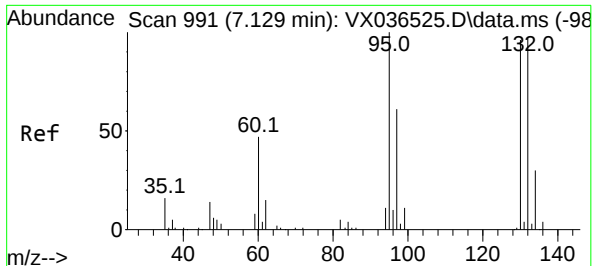
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,2-Dichloroethane
Concen: 18.843 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion:	62	Resp:	60106
Ion	Ratio	Lower	Upper
62	100		
98	4.4	7.0	10.6





#37

Trichloroethene

Concen: 18.688 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion:130 Resp: 40860

Ion Ratio Lower Upper

130 100

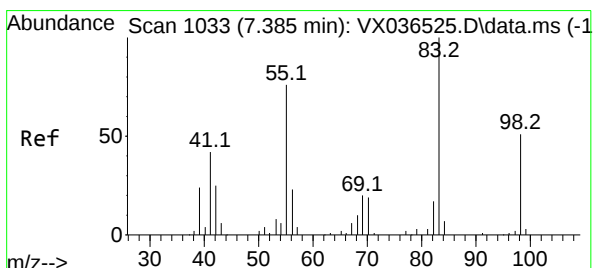
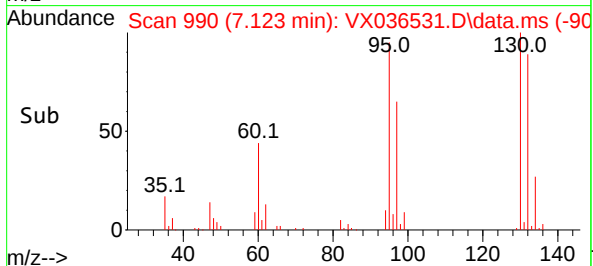
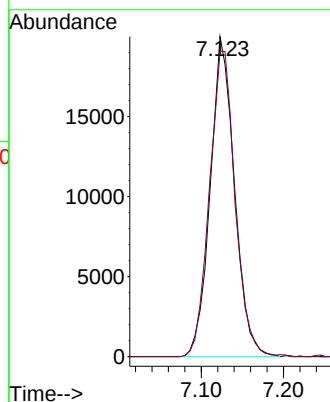
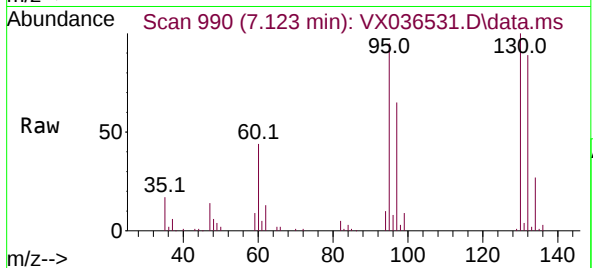
95 95.5 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#38

Methylcyclohexane

Concen: 20.492 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

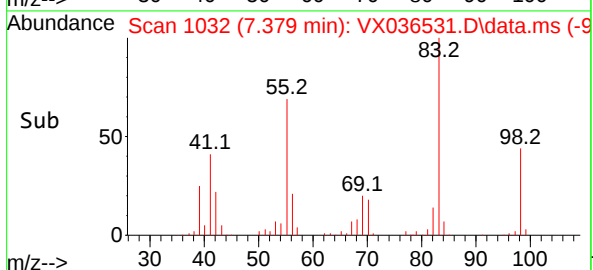
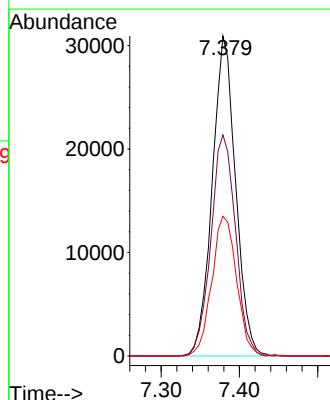
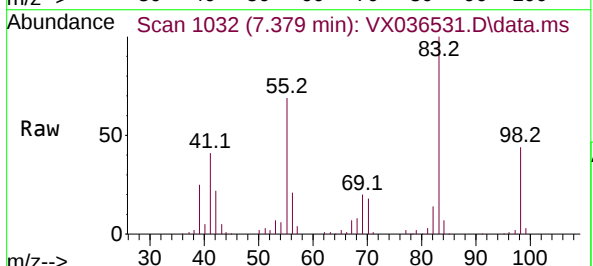
Tgt Ion: 83 Resp: 64251

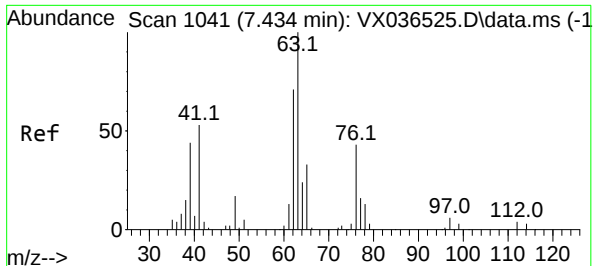
Ion Ratio Lower Upper

83 100

55 72.5 38.1 114.5

98 46.3 24.4 73.4





#39

1,2-Dichloropropane

Concen: 18.469 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 63 Resp: 41590

Ion Ratio Lower Upper

63 100

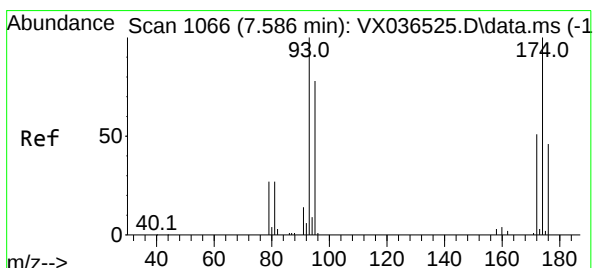
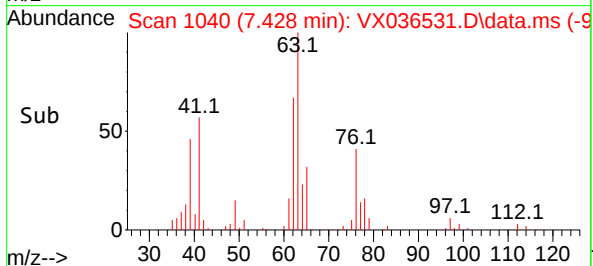
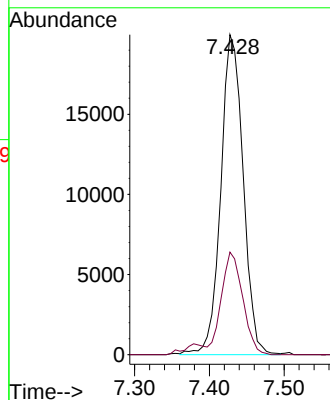
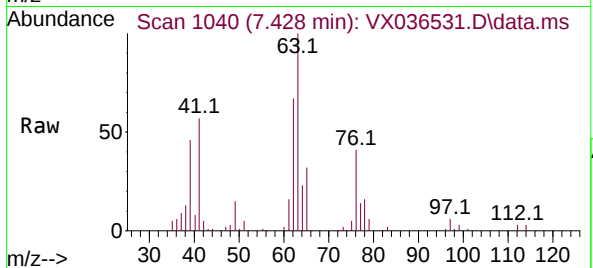
65 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 18.578 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

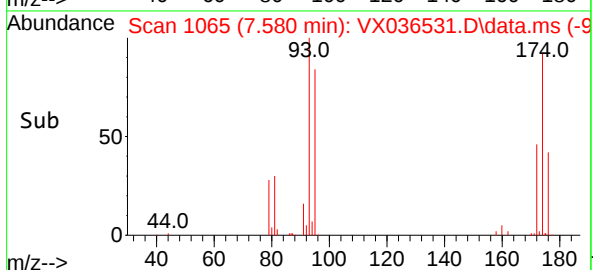
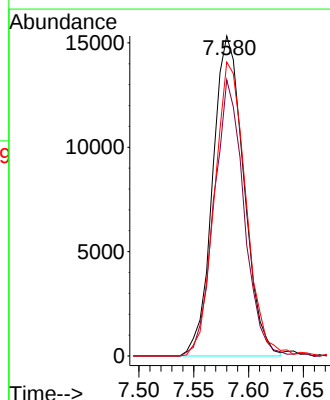
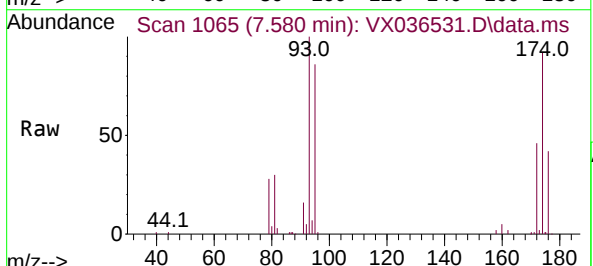
Tgt Ion: 93 Resp: 30303

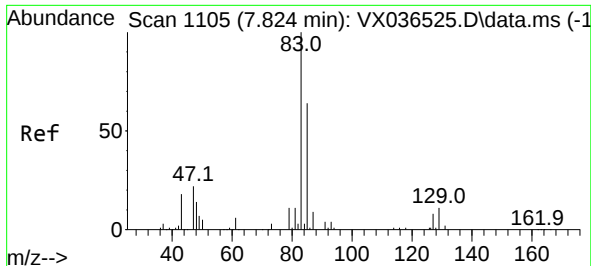
Ion Ratio Lower Upper

93 100

95 82.6 0.0 166.8

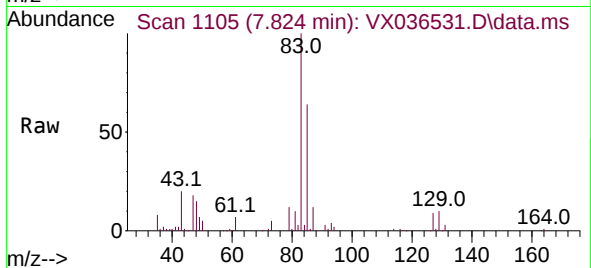
174 92.2 0.0 191.6





#41
Bromodichloromethane
Concen: 17.946 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

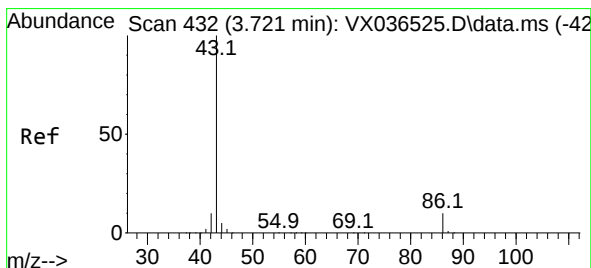
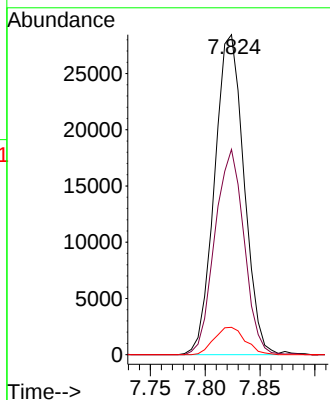
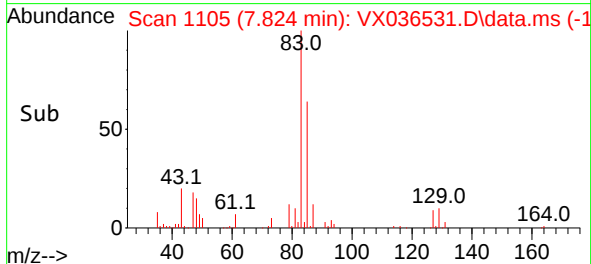
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 83 Resp: 53125
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3
127 8.5 6.4 9.6

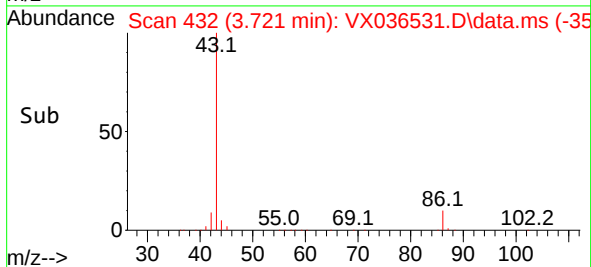
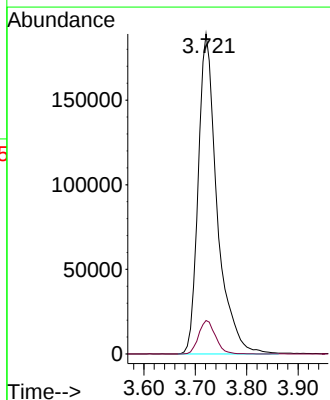
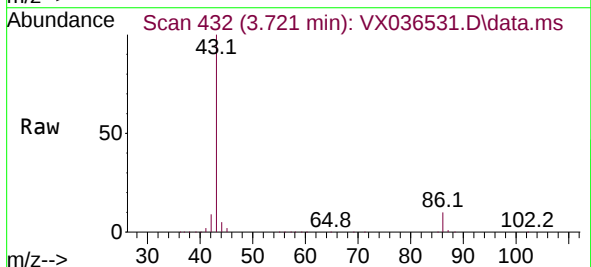
Manual Integrations
APPROVED

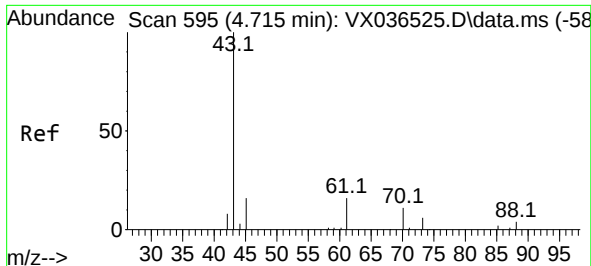
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 94.445 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

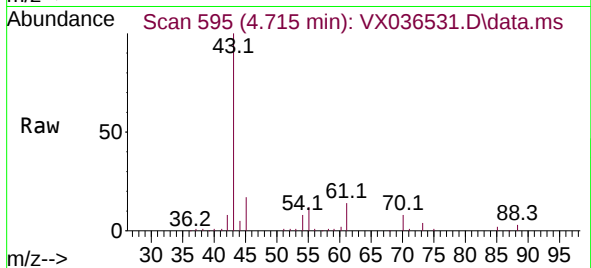
Tgt Ion: 43 Resp: 484103
Ion Ratio Lower Upper
43 100
86 9.3 7.4 11.0





#43
Ethyl Acetate
Concen: 19.084 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

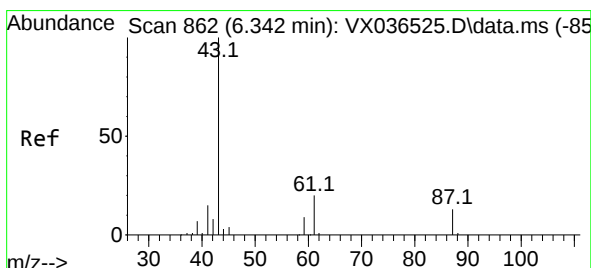
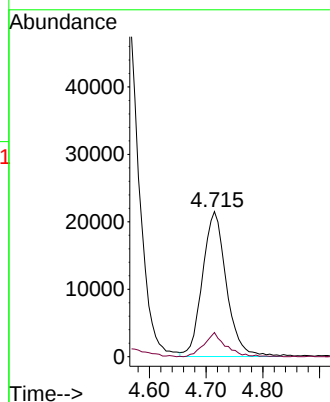
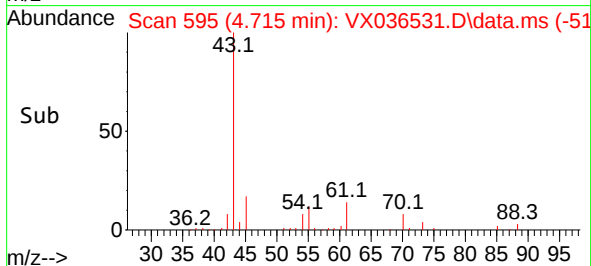
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 43 Resp: 63038
Ion Ratio Lower Upper
43 100
45 14.7 12.6 18.8

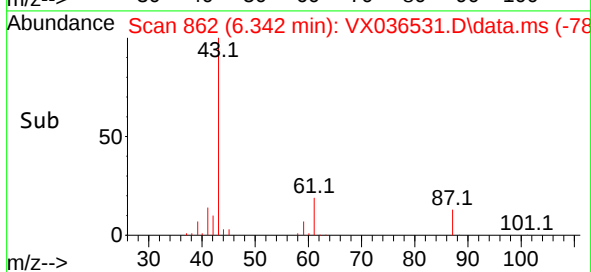
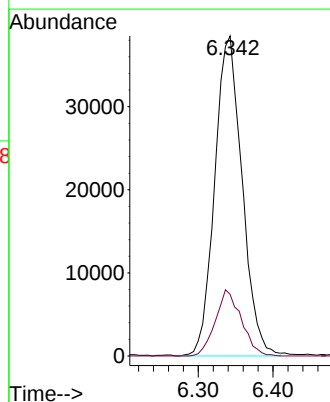
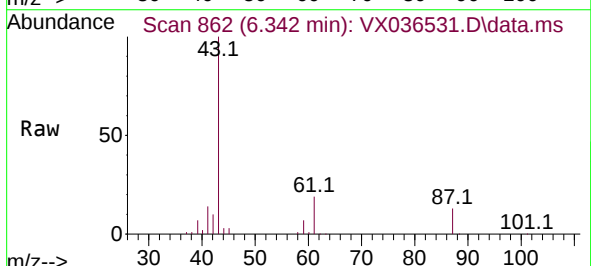
Manual Integrations
APPROVED

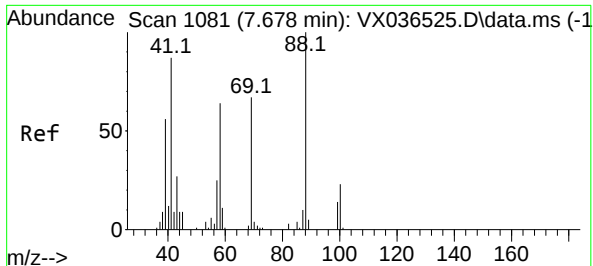
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Isopropyl Acetate
Concen: 18.616 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

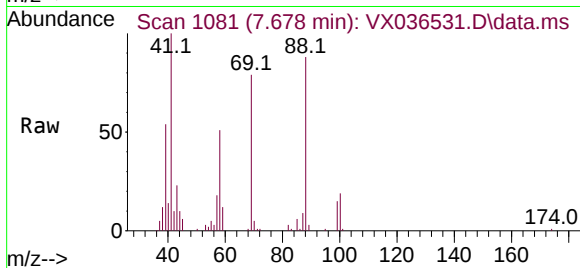
Tgt Ion: 43 Resp: 98070
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0





#45
1,4-Dioxane
Concen: 385.680 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

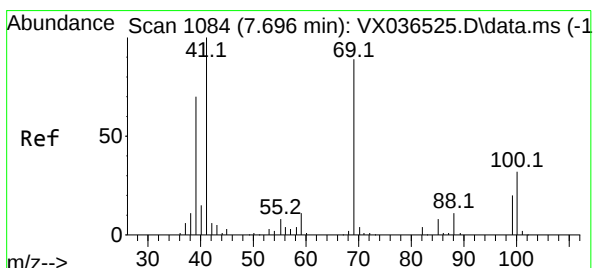
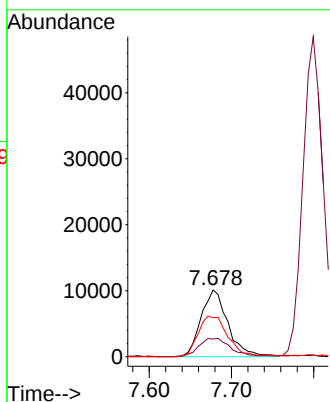
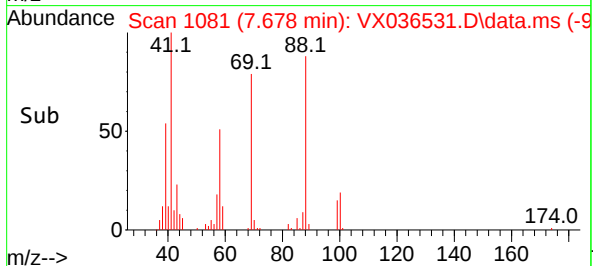
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



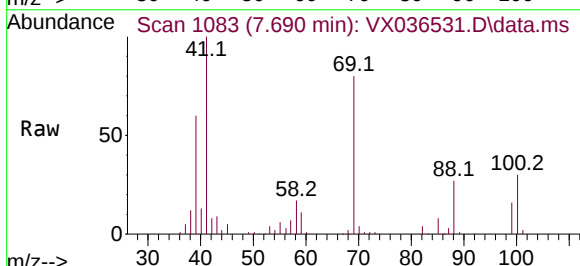
Tgt Ion: 88 Resp: 23062
Ion Ratio Lower Upper
88 100
43 31.7 297.5 446.3
58 65.9 1.0 1.4

Manual Integrations
APPROVED

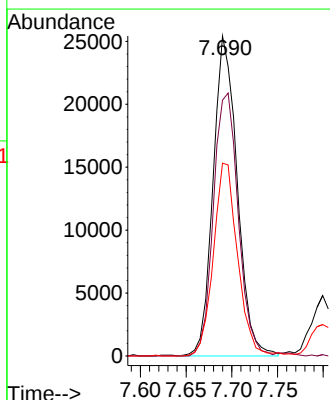
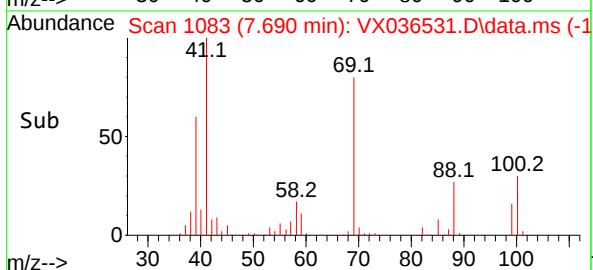
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

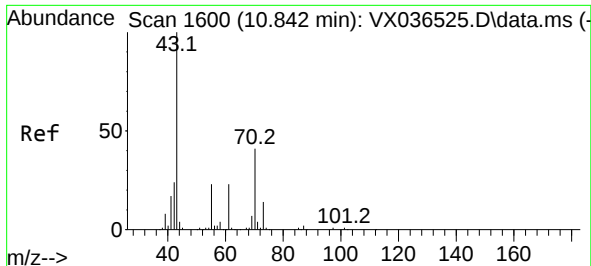


#46
Methyl methacrylate
Concen: 18.534 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



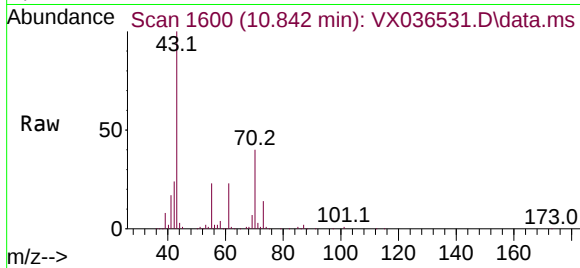
Tgt Ion: 41 Resp: 46665
Ion Ratio Lower Upper
41 100
69 80.0 44.4 133.1
39 60.2 34.9 104.7





#47
n-amy1 Acetate
Concen: 18.717 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

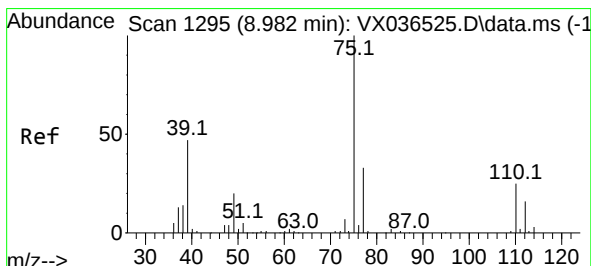
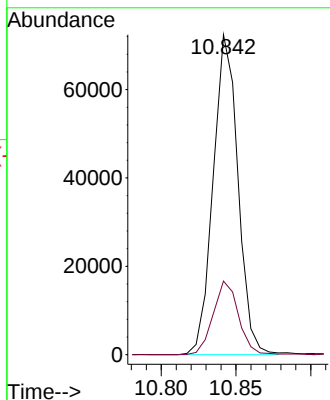
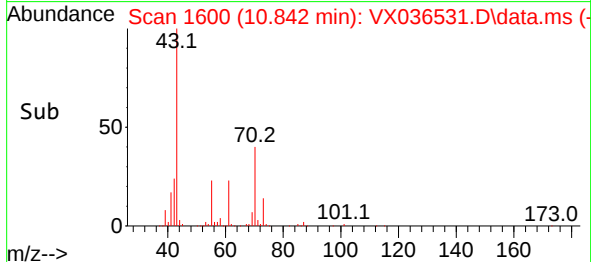
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 43 Resp: 8363
Ion Ratio Lower Upper
43 100
55 23.4 18.6 28.0

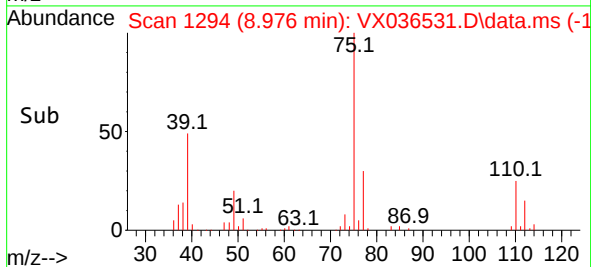
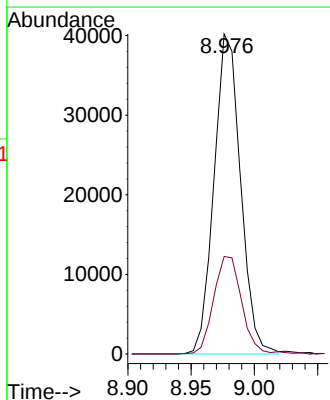
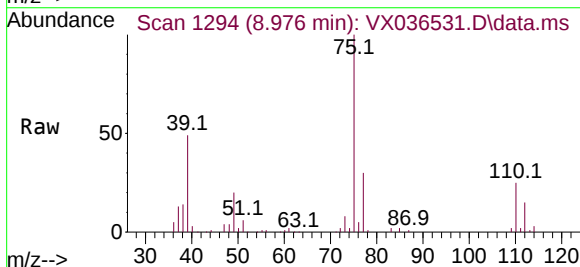
Manual Integrations
APPROVED

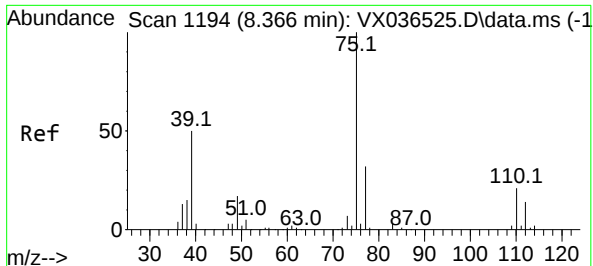
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#48
t-1,3-Dichloropropene
Concen: 18.026 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion: 75 Resp: 58529
Ion Ratio Lower Upper
75 100
77 30.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.162 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 75 Resp: 63700

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

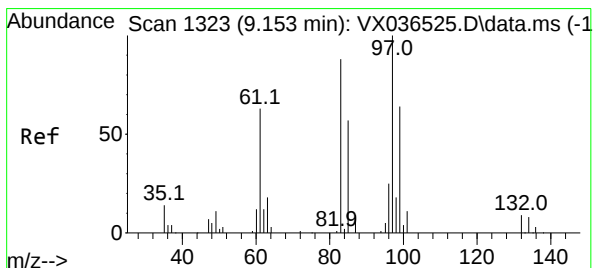
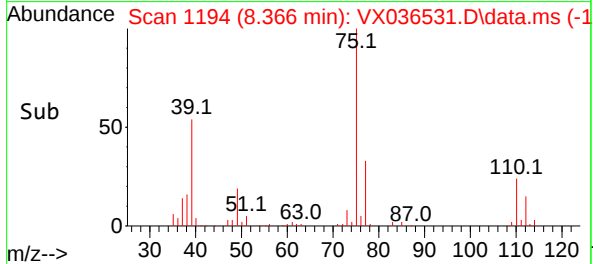
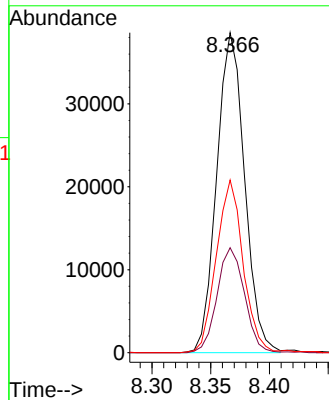
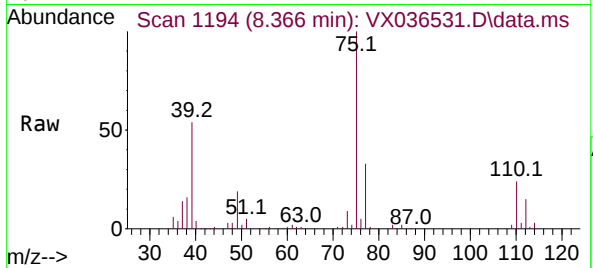
39 53.9 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 18.704 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Tgt Ion: 97 Resp: 41416

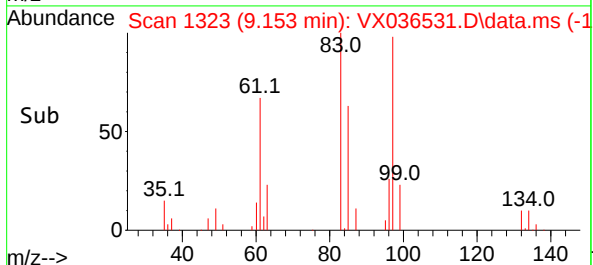
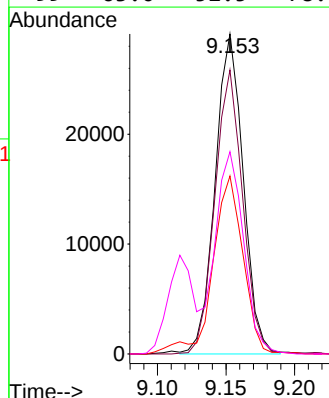
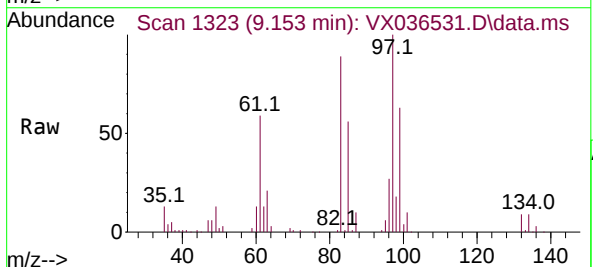
Ion Ratio Lower Upper

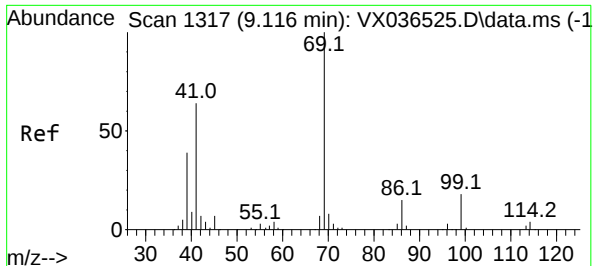
97 100

83 89.0 70.0 105.0

85 55.4 46.1 69.1

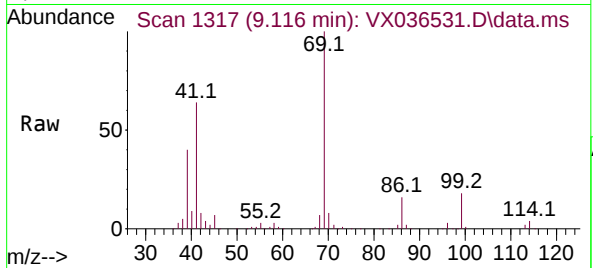
99 63.0 52.5 78.7





#51
Ethyl methacrylate
Concen: 19.038 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

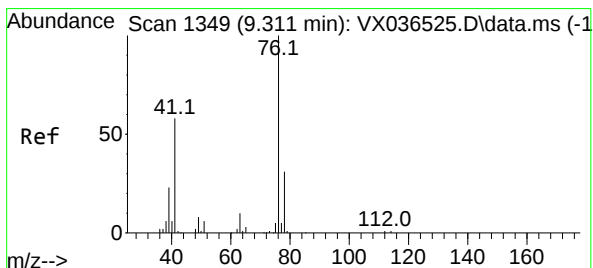
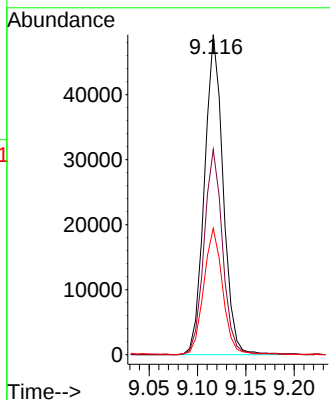
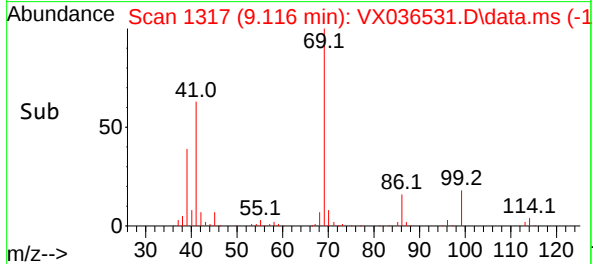
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 69 Resp: 6618
Ion Ratio Lower Upper
69 100
41 64.1 32.0 96.0
39 39.4 19.4 58.4

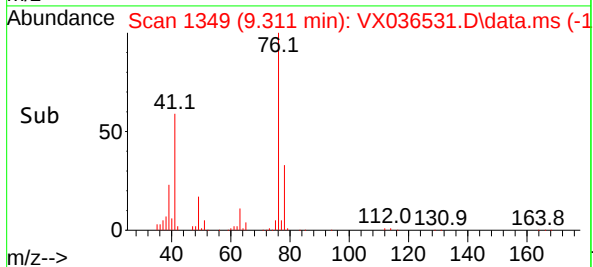
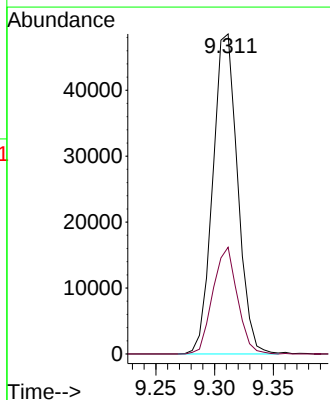
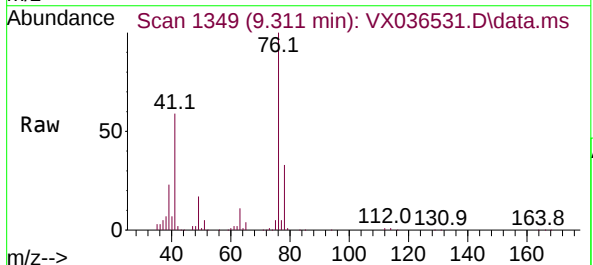
Manual Integrations
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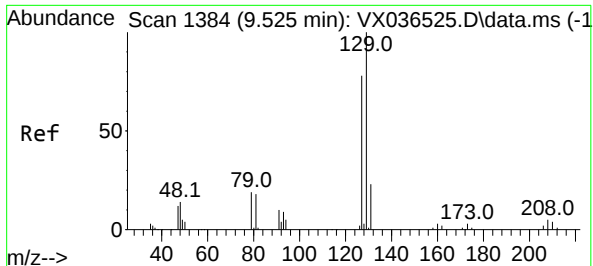
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 19.138 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

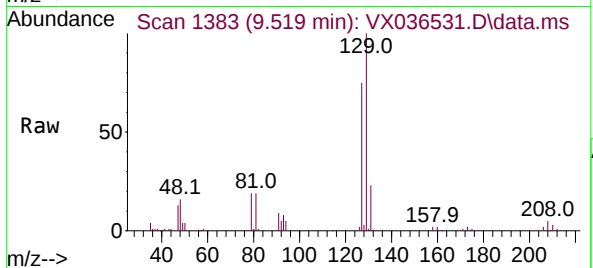
Tgt Ion: 76 Resp: 71515
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.6





#53
Dibromochloromethane
Concen: 18.080 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

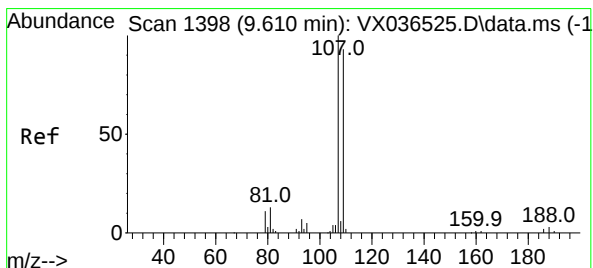
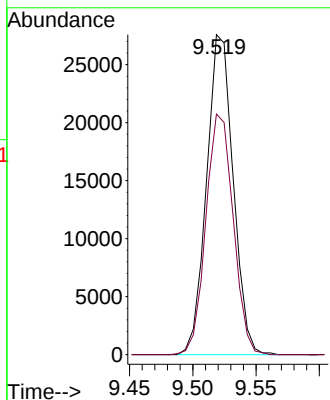
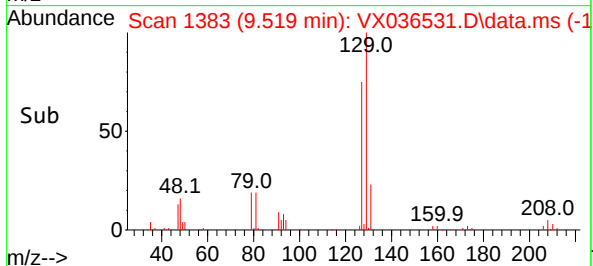
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:129 Resp: 40409
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

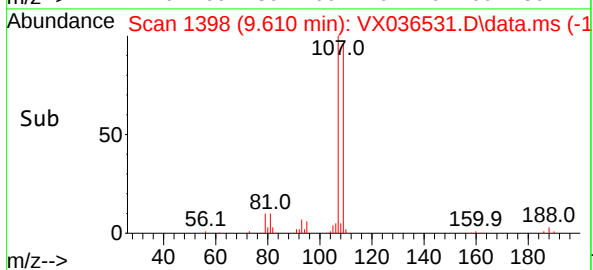
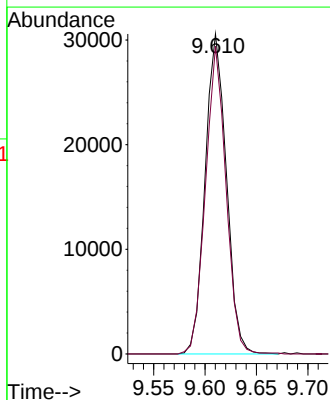
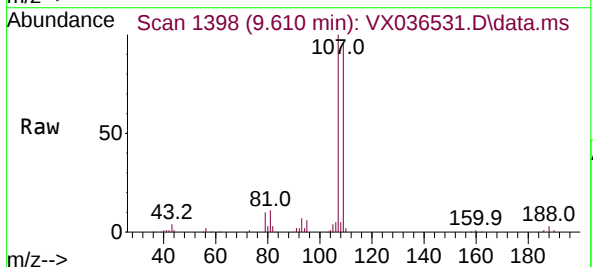
Manual Integrations
APPROVED

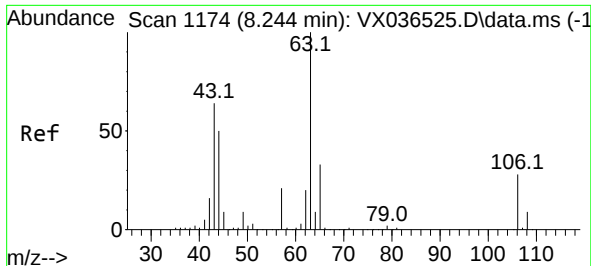
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
1,2-Dibromoethane
Concen: 18.903 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

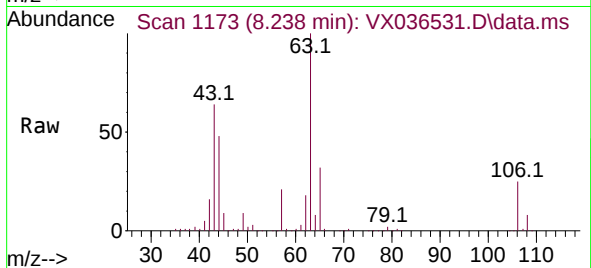
Tgt Ion:107 Resp: 43969
Ion Ratio Lower Upper
107 100
109 92.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 99.351 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

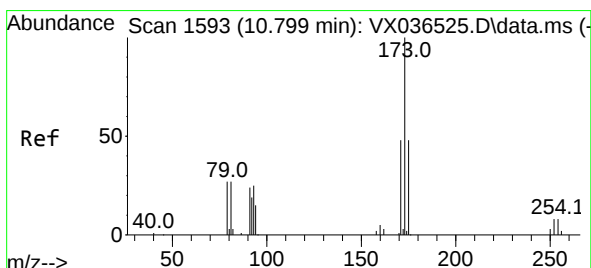
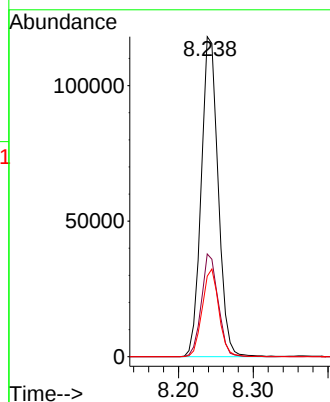
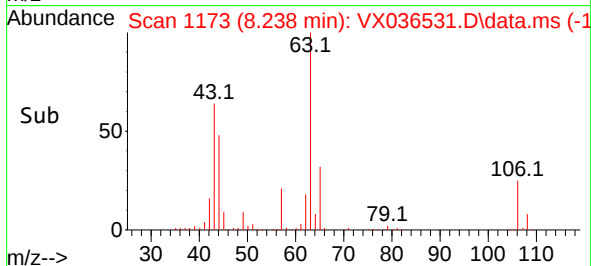
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 63 Resp: 185740
Ion Ratio Lower Upper
63 100
65 31.5 25.9 38.9
106 26.9 21.8 32.8

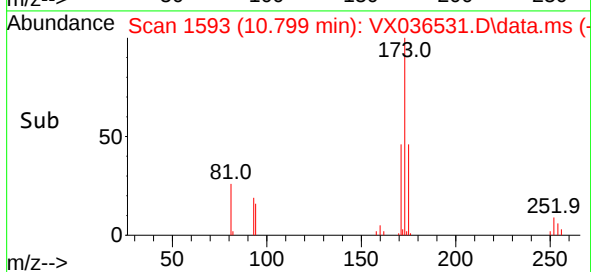
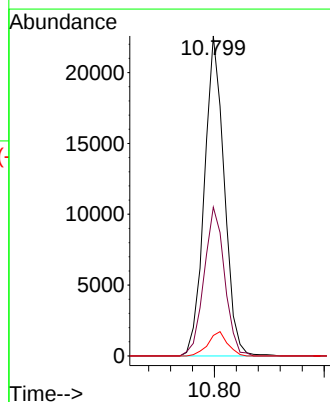
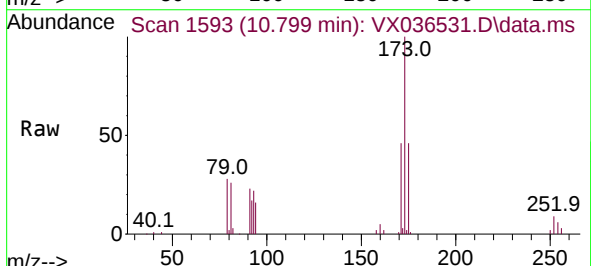
Manual Integrations
APPROVED

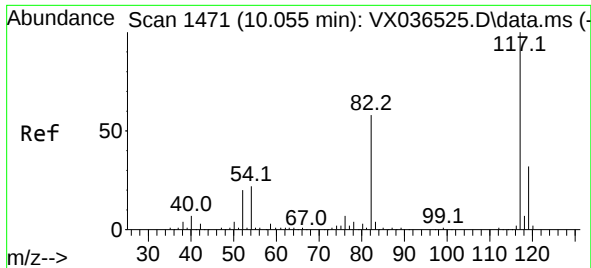
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#56
Bromoform
Concen: 18.227 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

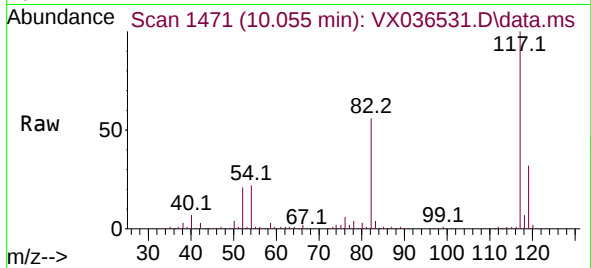
Tgt Ion:173 Resp: 28342
Ion Ratio Lower Upper
173 100
175 48.2 38.1 57.1
254 7.4 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

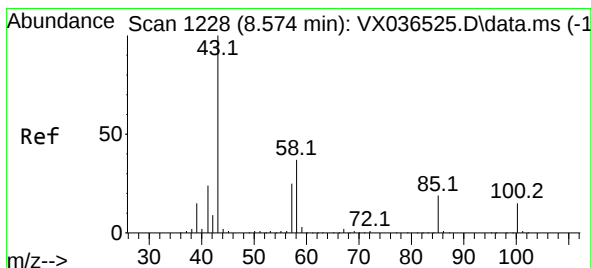
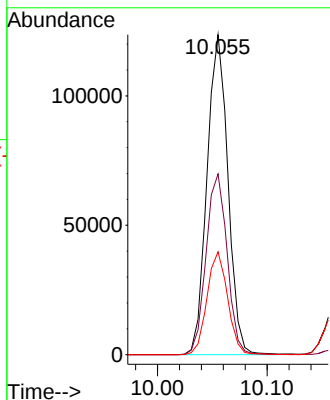
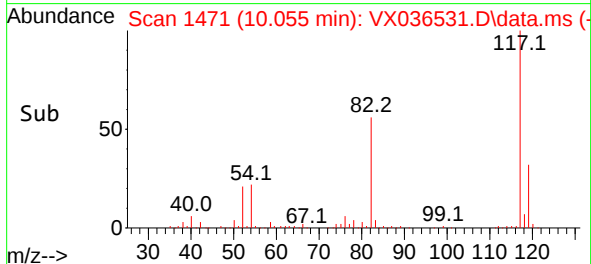
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 117 Resp: 163872
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.8 25.6 38.4

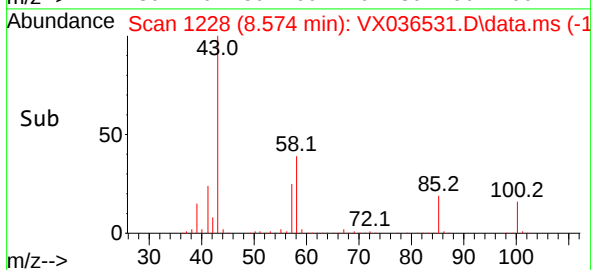
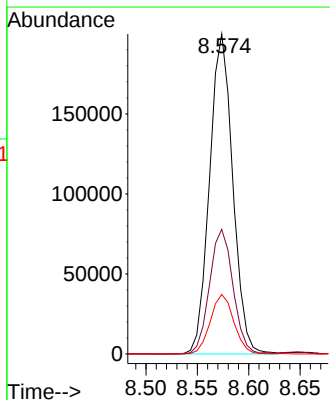
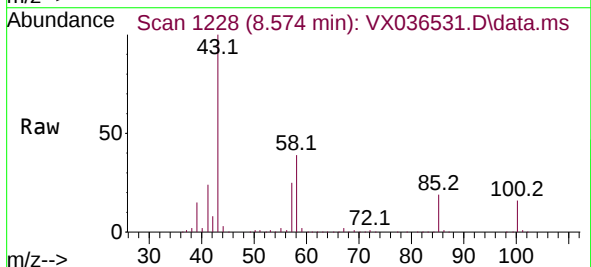
Manual Integrations
APPROVED

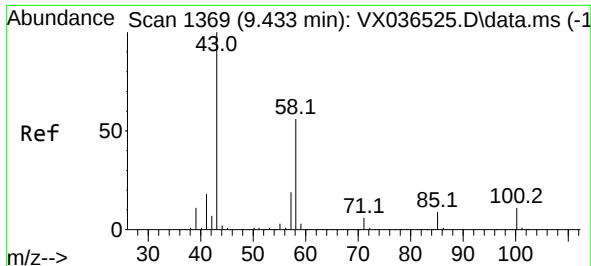
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#58
4-Methyl-2-Pentanone
Concen: 92.650 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion: 43 Resp: 313958
Ion Ratio Lower Upper
43 100
58 39.4 30.9 46.3
85 18.8 14.4 21.6





#59

2-Hexanone

Concen: 93.443 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 43 Resp: 24089

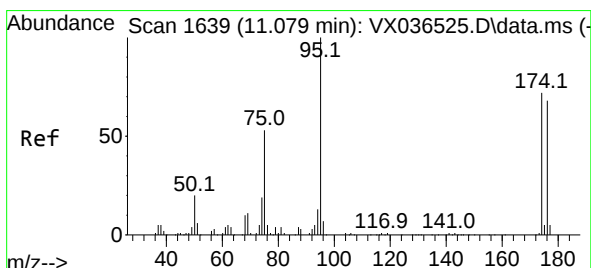
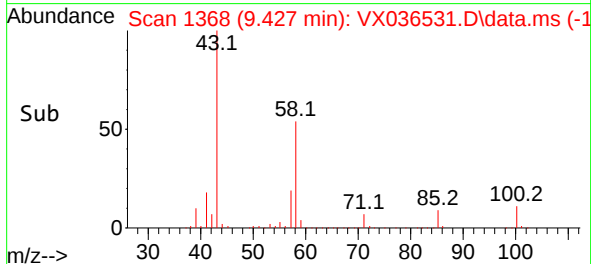
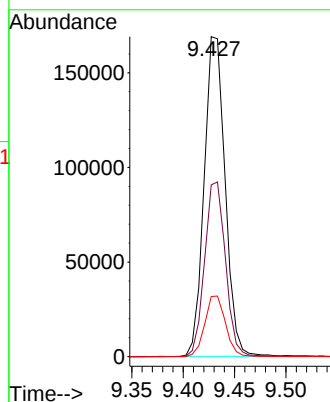
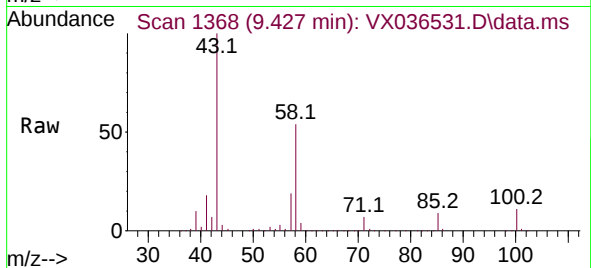
Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.4	65.2
57	18.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#60

4-Bromofluorobenzene

Concen: 30.842 ug/l

RT: 11.079 min Scan# 1639

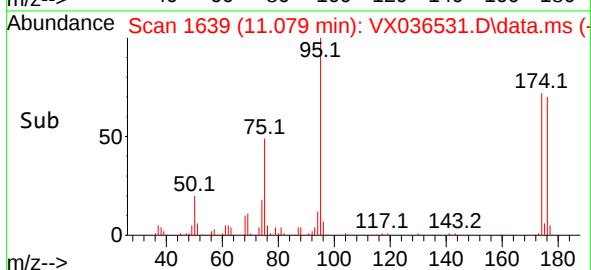
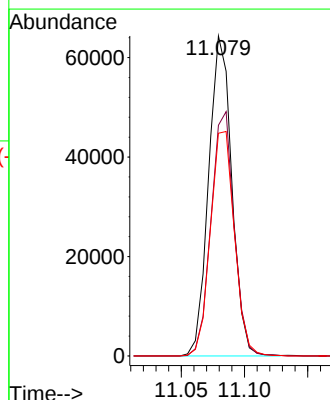
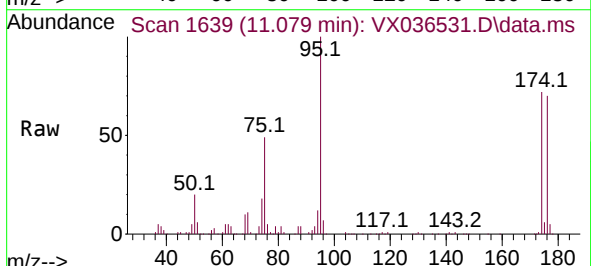
Delta R.T. 0.000 min

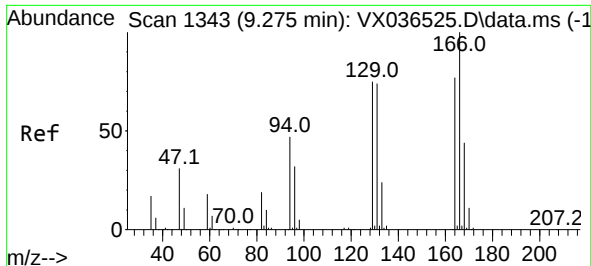
Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Tgt Ion: 95 Resp: 81984

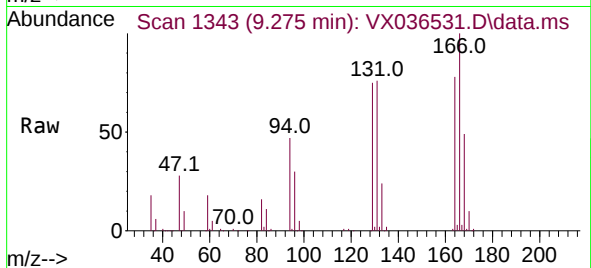
Ion	Ratio	Lower	Upper
95	100		
174	76.0	60.5	90.7
176	72.9	58.2	87.4





#61
Tetrachloroethene
Concen: 19.233 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

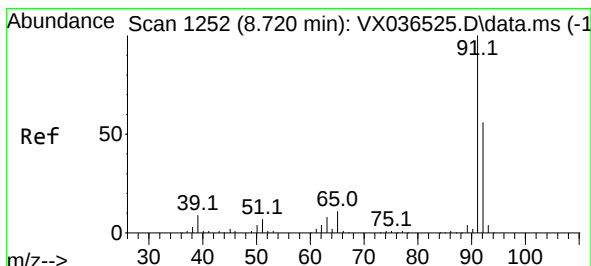
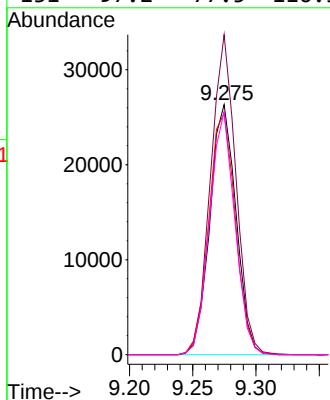
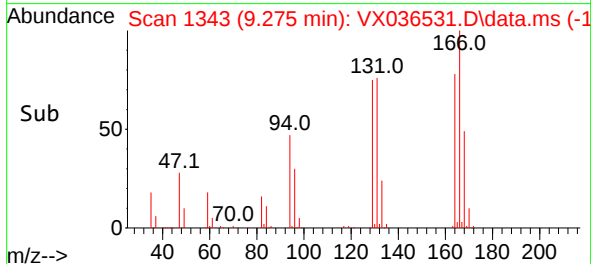
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



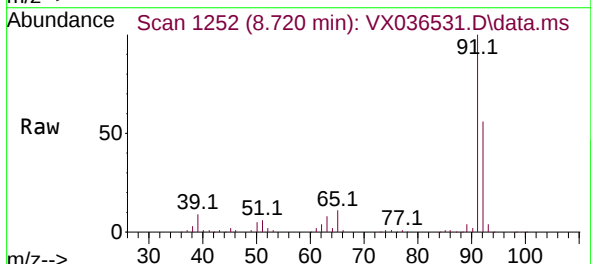
Tgt Ion:164 Resp: 37749
Ion Ratio Lower Upper
164 100
166 128.0 104.5 156.7
129 96.5 78.0 117.0
131 97.2 77.5 116.3

Manual Integrations
APPROVED

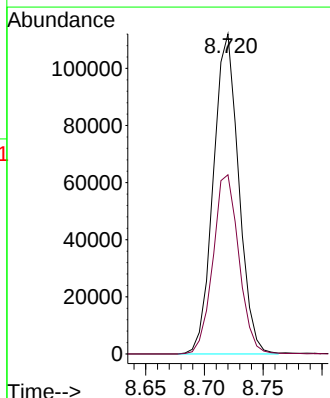
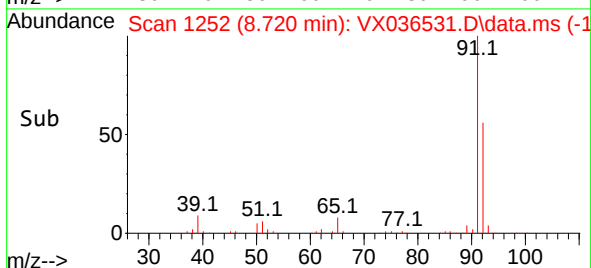
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

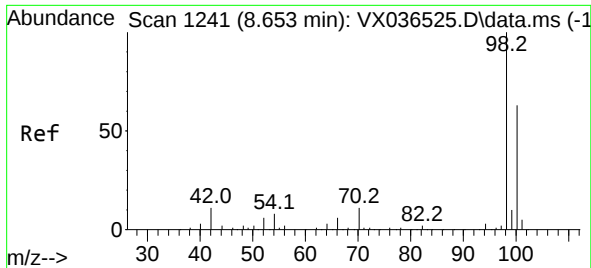


#62
Toluene
Concen: 18.297 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



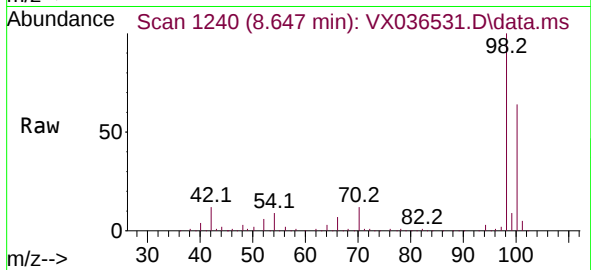
Tgt Ion: 91 Resp: 168234
Ion Ratio Lower Upper
91 100
92 57.3 44.9 67.3





#63
Toluene-d8
Concen: 29.924 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

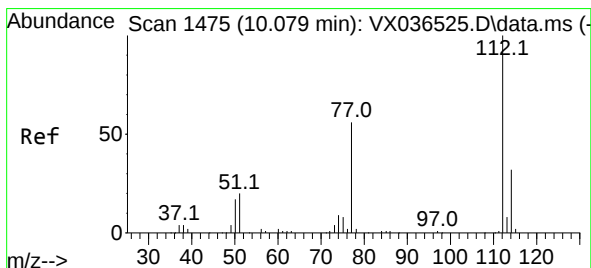
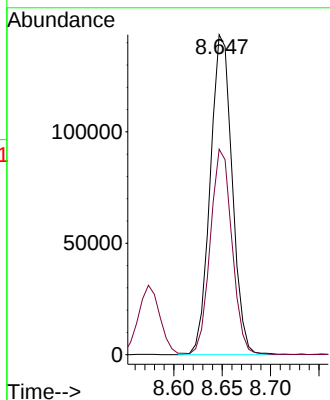
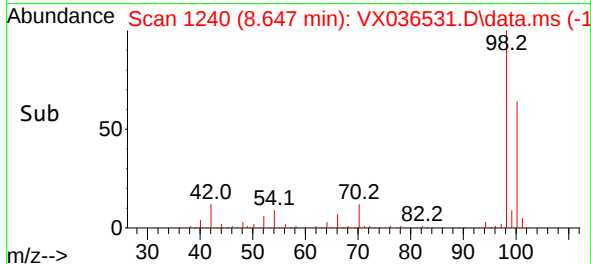
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 98 Resp: 22565
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

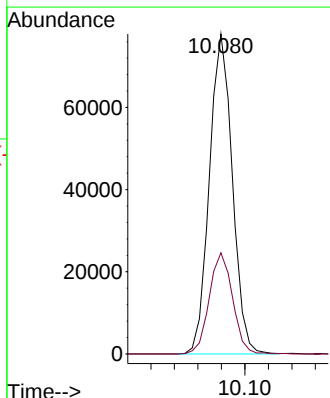
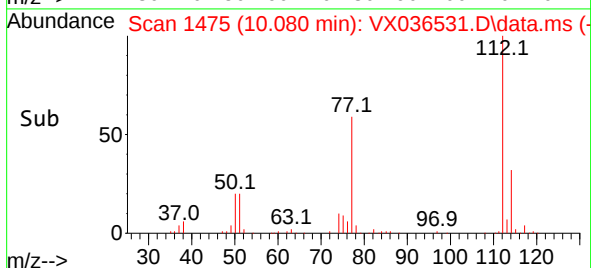
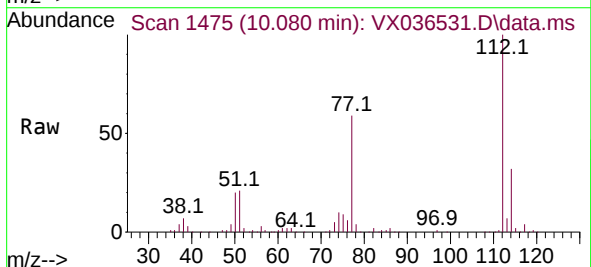
Manual Integrations
APPROVED

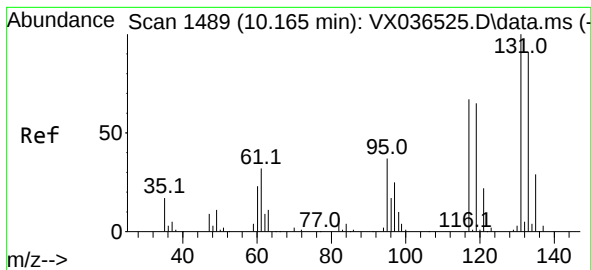
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Chlorobenzene
Concen: 18.446 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion:112 Resp: 105588
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





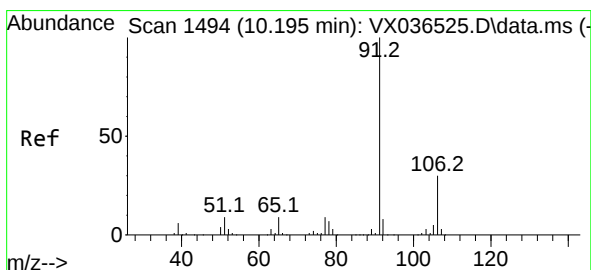
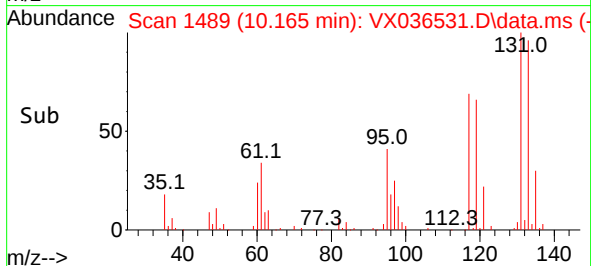
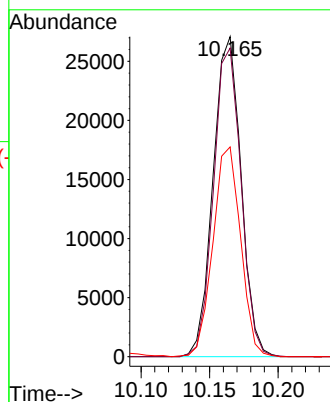
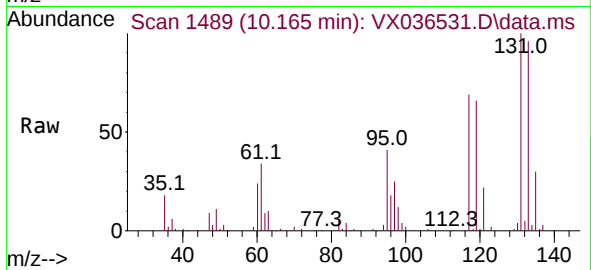
#65
1,1,1,2-Tetrachloroethane
Concen: 18.589 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:131 Resp: 38428
Ion Ratio Lower Upper
131 100
133 94.9 0.0 192.0
119 64.9 0.0 132.8

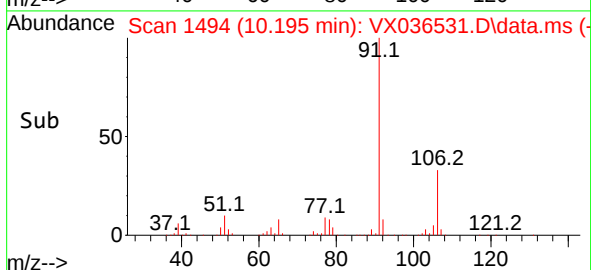
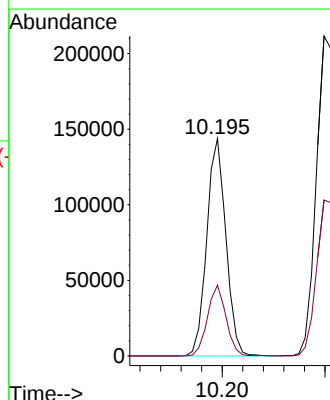
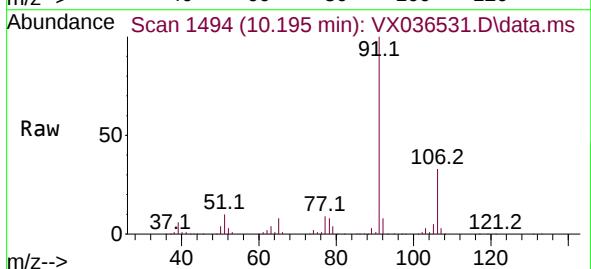
Manual Integrations
APPROVED

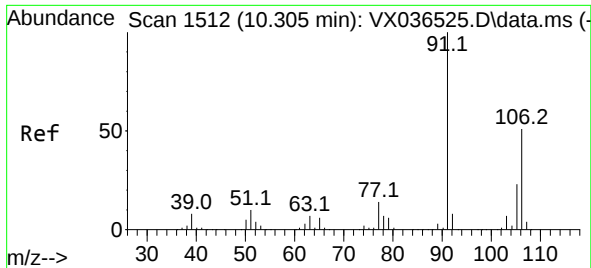
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
Ethyl Benzene
Concen: 18.630 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion: 91 Resp: 186159
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4





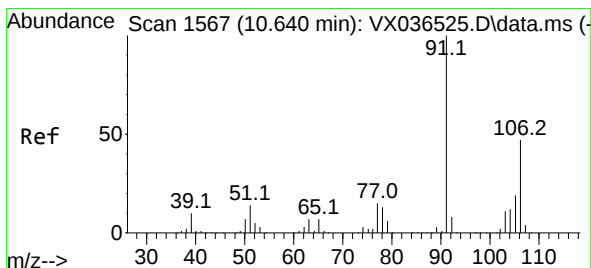
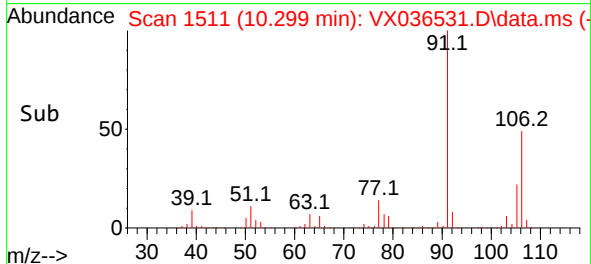
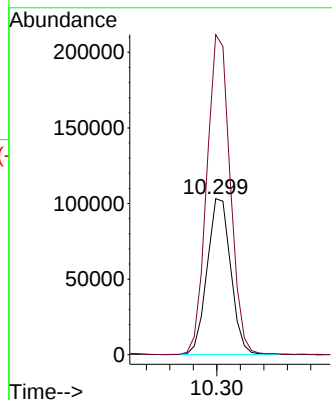
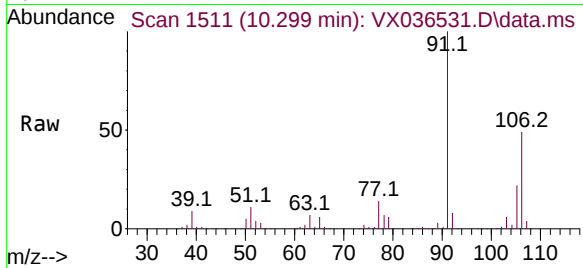
#67
m/p-Xylenes
Concen: 36.885 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:106 Resp: 143692
Ion Ratio Lower Upper
106 100
91 204.3 160.5 240.7

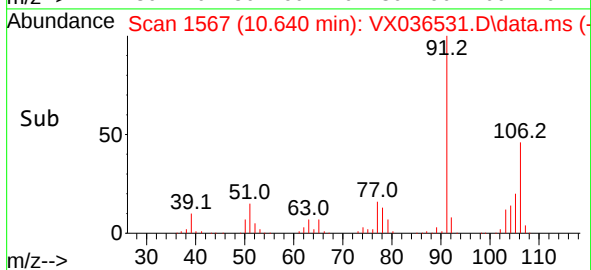
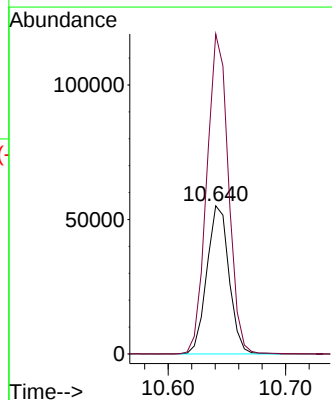
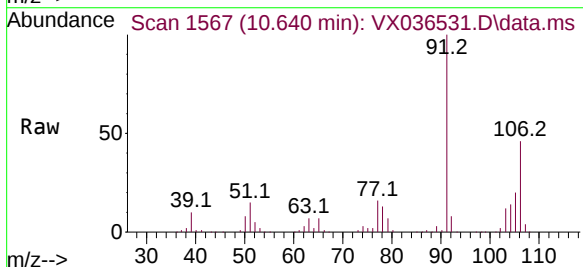
Manual Integrations
APPROVED

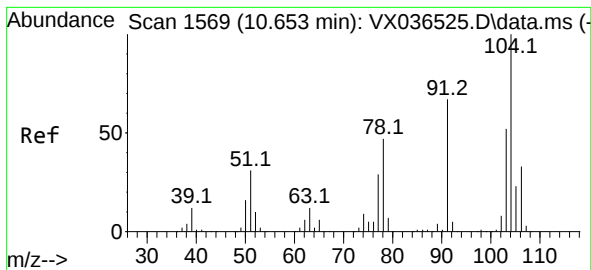
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#68
o-Xylene
Concen: 18.697 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Tgt Ion:106 Resp: 72288
Ion Ratio Lower Upper
106 100
91 211.1 105.4 316.1





#69

Styrene

Concen: 18.718 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

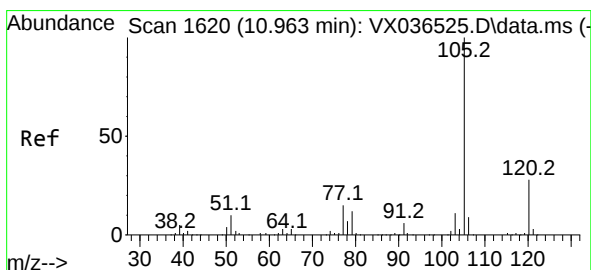
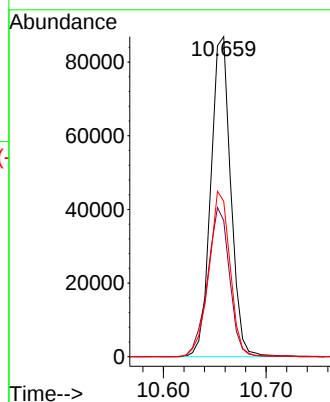
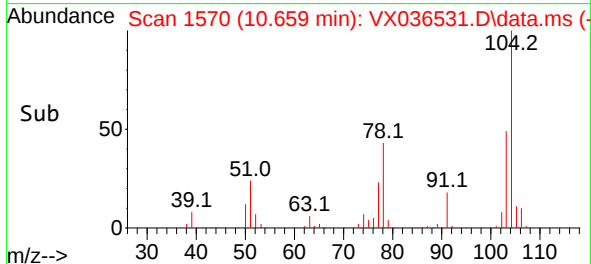
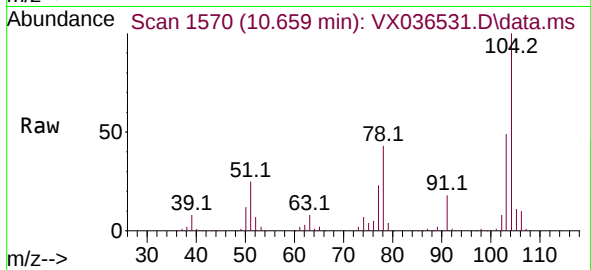
Tgt Ion:104 Resp: 117335
 Ion Ratio Lower Upper
 104 100
 78 51.2 41.0 61.4
 103 54.8 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#70

Isopropylbenzene

Concen: 18.982 ug/l

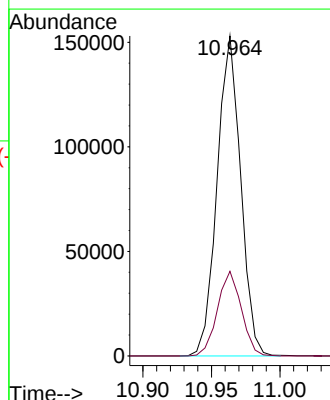
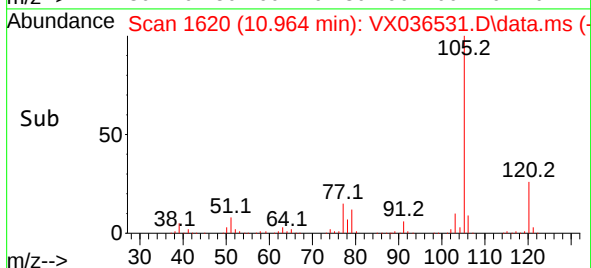
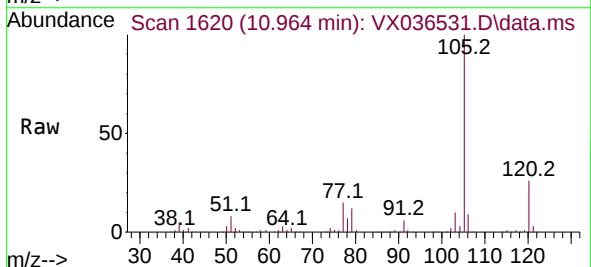
RT: 10.964 min Scan# 1620

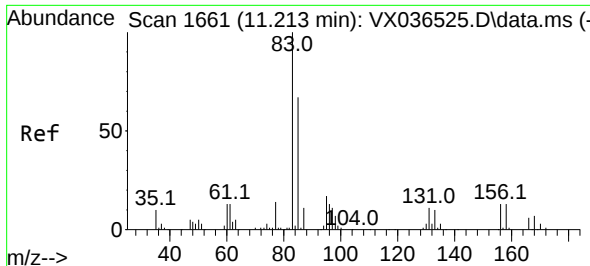
Delta R.T. 0.000 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

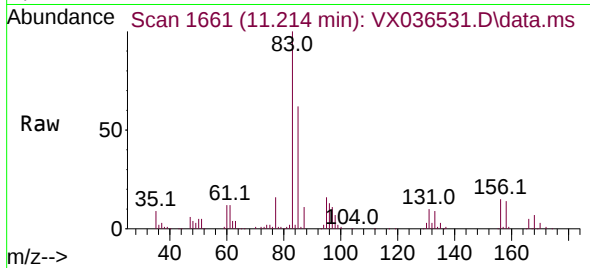
Tgt Ion:105 Resp: 182785
 Ion Ratio Lower Upper
 105 100
 120 26.8 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 18.655 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

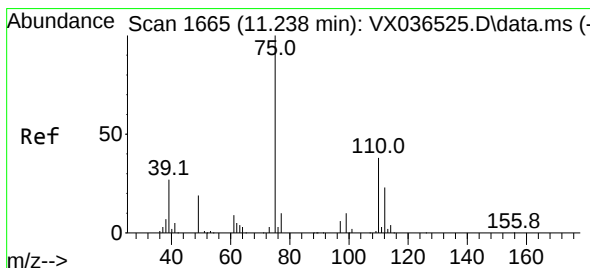
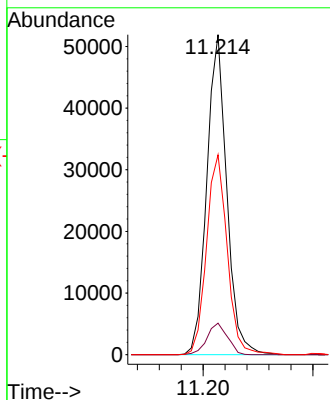
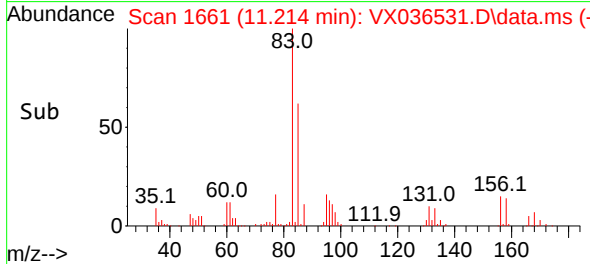
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



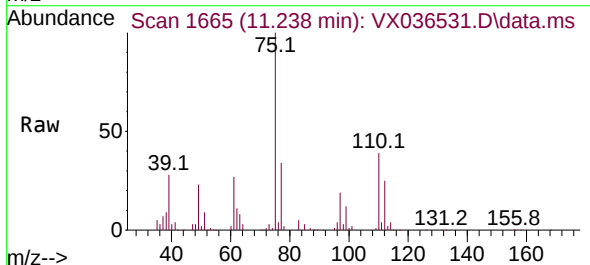
Tgt Ion: 83 Resp: 6556
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.8 32.4 97.0

Manual Integrations
APPROVED

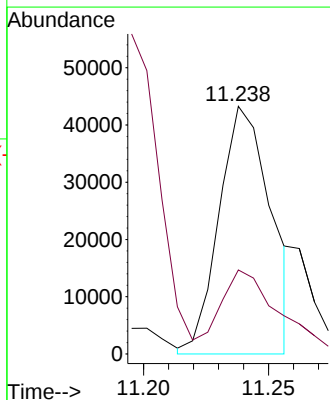
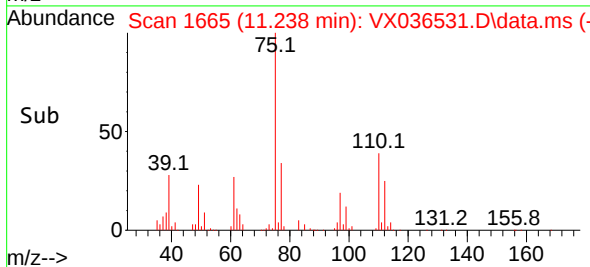
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

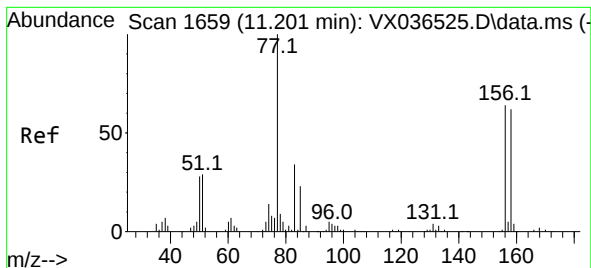


#72
1,2,3-Trichloropropane
Concen: 19.164 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



Tgt Ion: 75 Resp: 62415
Ion Ratio Lower Upper
75 100
77 38.5 0.0 77.2





#73

Bromobenzene

Concen: 18.801 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

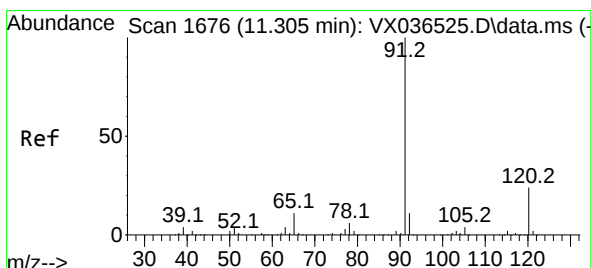
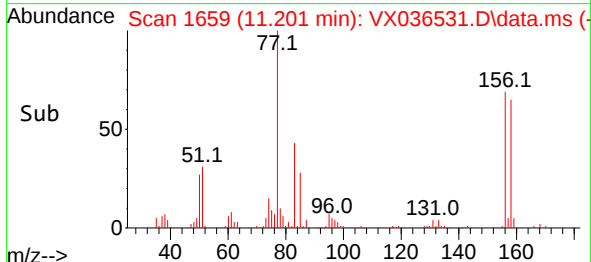
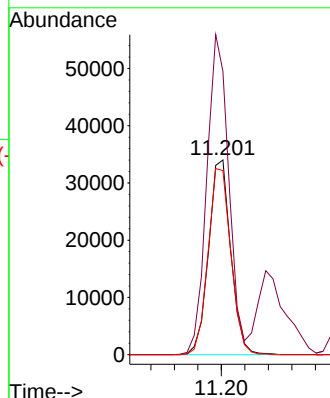
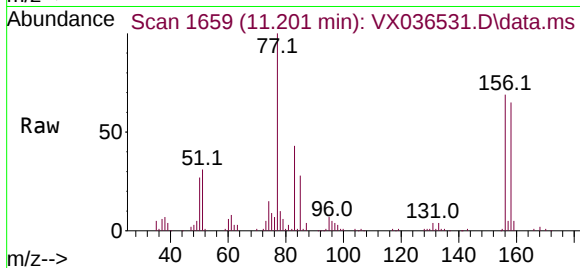
Tgt Ion:	156	Resp:	44754
Ion Ratio	Lower	Upper	
156	100		
77	160.9	0.0	333.0
158	97.4	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#74

n-propylbenzene

Concen: 19.308 ug/l

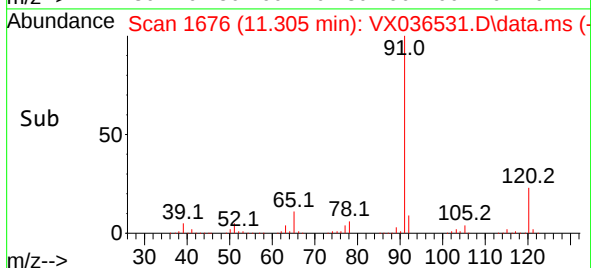
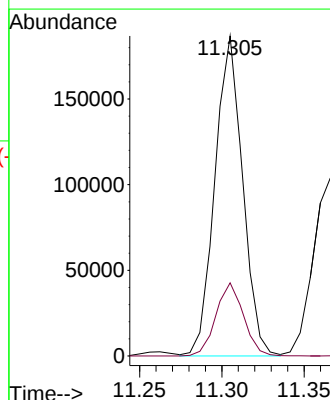
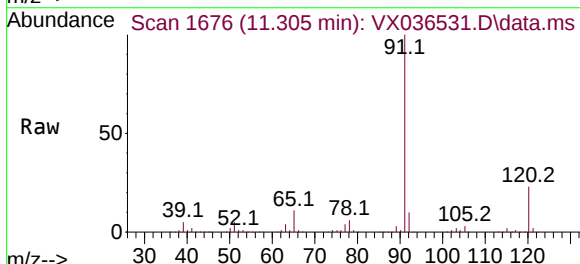
RT: 11.305 min Scan# 1676

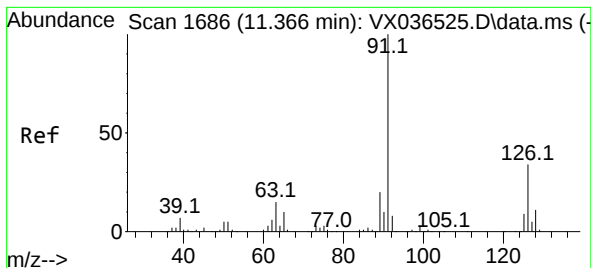
Delta R.T. 0.000 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Tgt Ion:	91	Resp:	218838
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	46.6





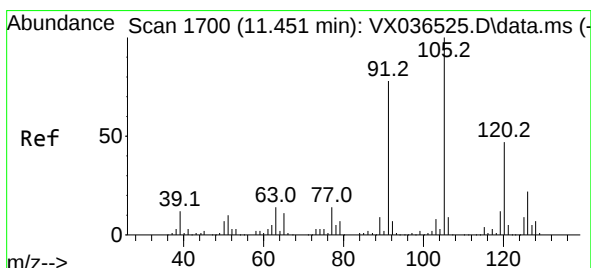
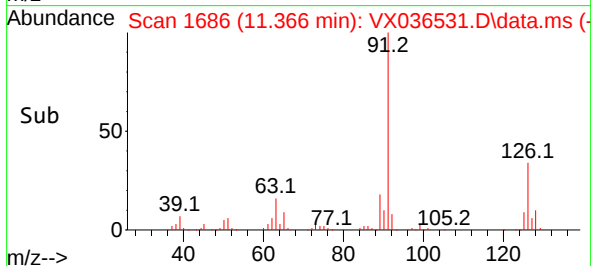
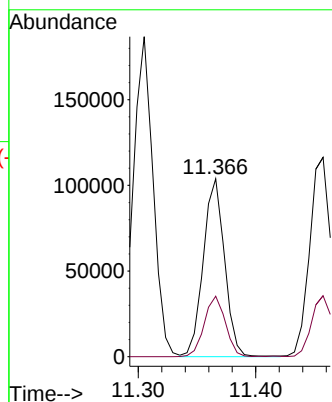
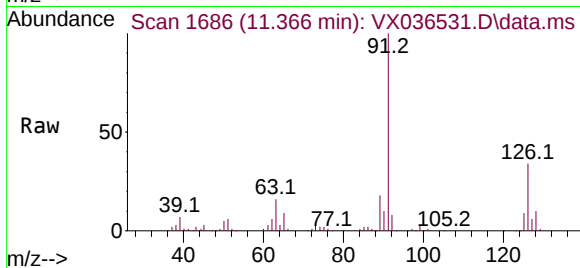
#75
2-Chlorotoluene
Concen: 18.982 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 91 Resp: 130820
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.2

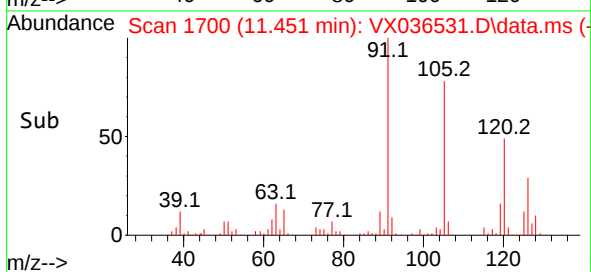
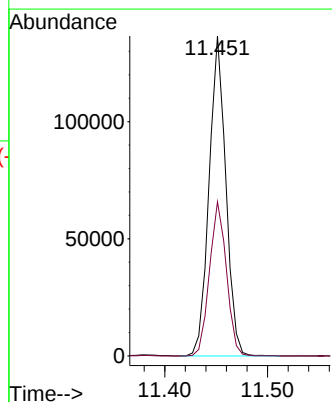
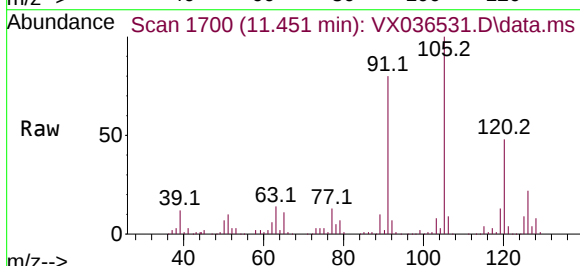
Manual Integrations
APPROVED

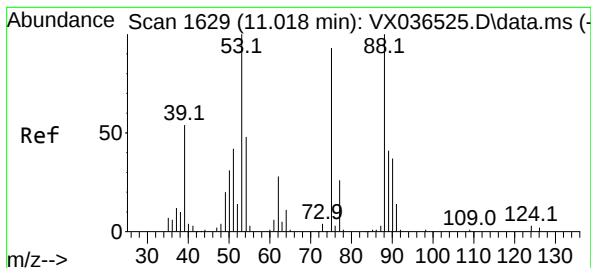
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.686 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

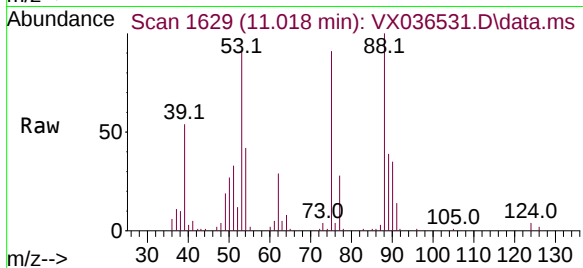
Tgt Ion:105 Resp: 154619
Ion Ratio Lower Upper
105 100
120 48.5 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.620 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

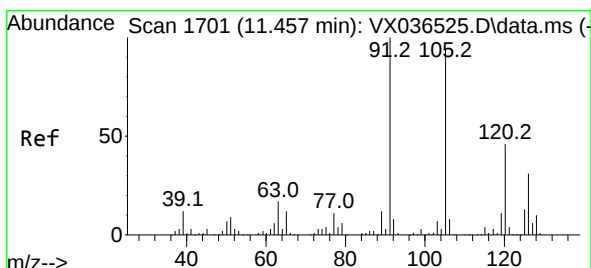
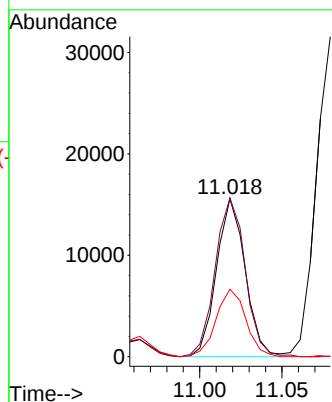
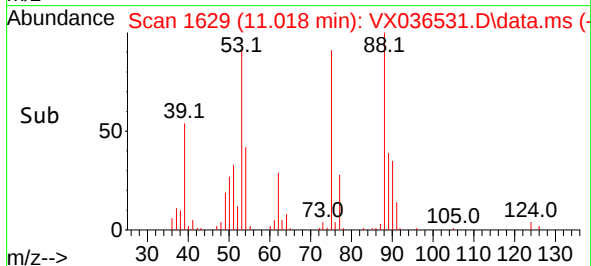
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 75 Resp: 18844
Ion Ratio Lower Upper
75 100
53 100.5 53.9 161.7
89 42.7 22.1 66.1

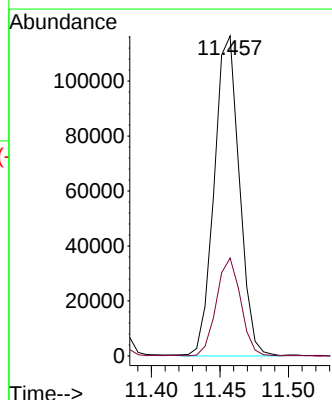
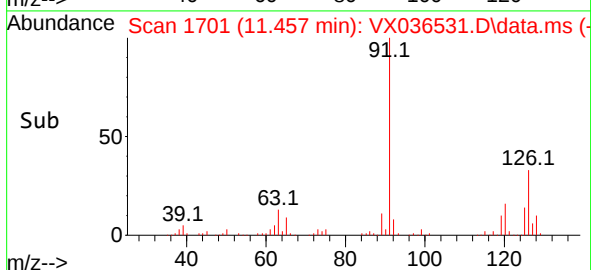
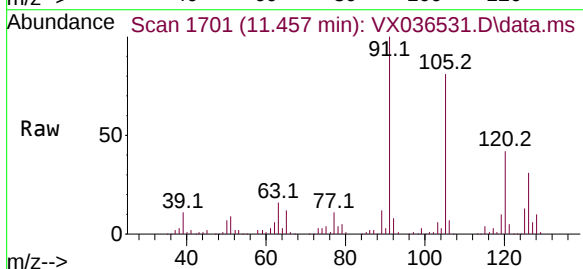
Manual Integrations
APPROVED

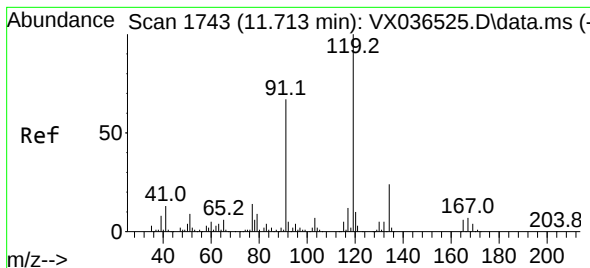
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#78
4-Chlorotoluene
Concen: 18.976 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

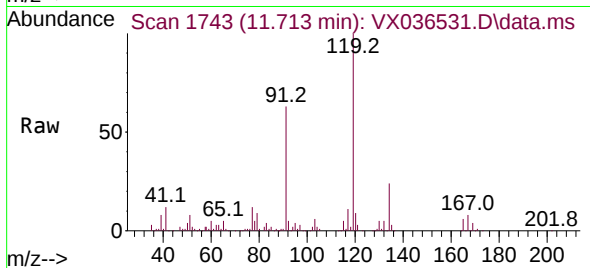
Tgt Ion: 91 Resp: 148910
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.4





#79
tert-butylbenzene
Concen: 18.910 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

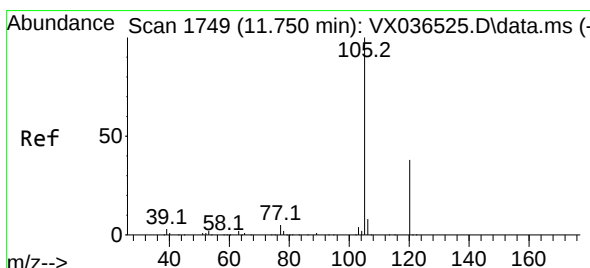
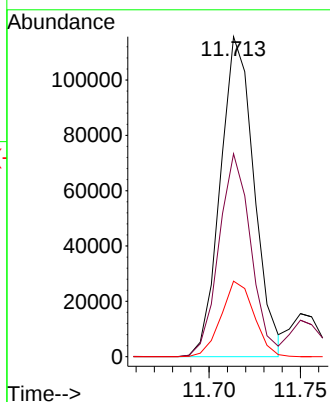
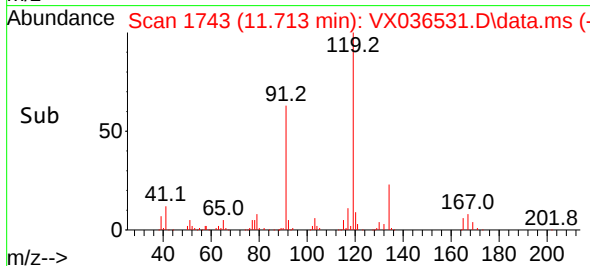
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:119 Resp: 148514
Ion Ratio Lower Upper
119 100
91 60.3 0.0 124.4
134 23.0 0.0 47.2

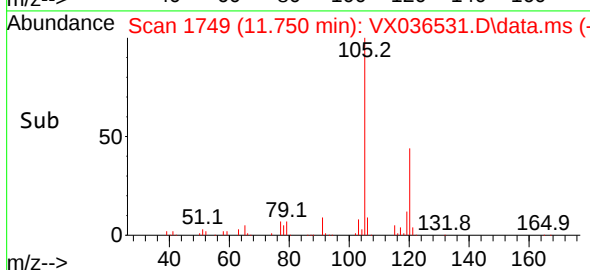
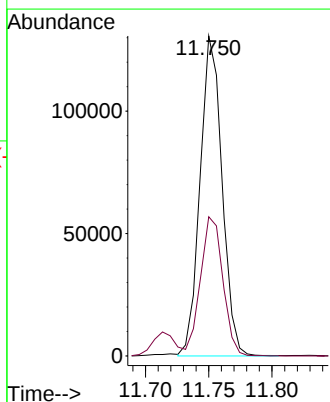
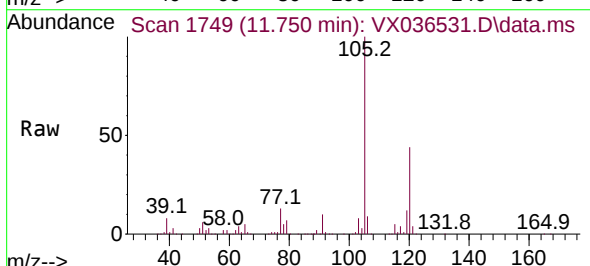
Manual Integrations
APPROVED

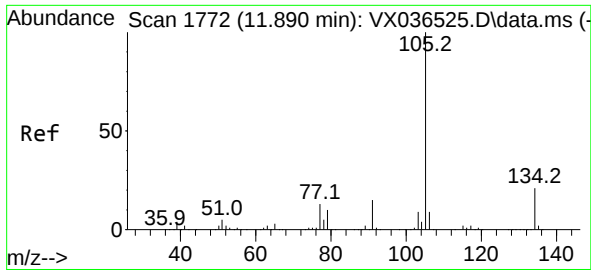
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.303 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

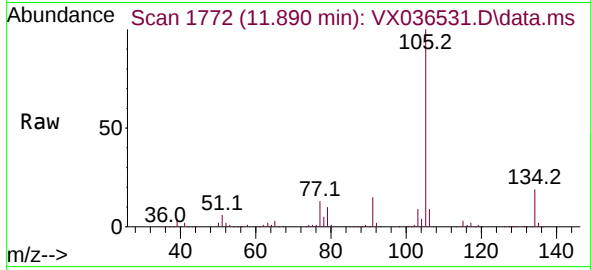
Tgt Ion:105 Resp: 158269
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 19.172 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036531.D
 Acq: 13 Jul 2023 17:30

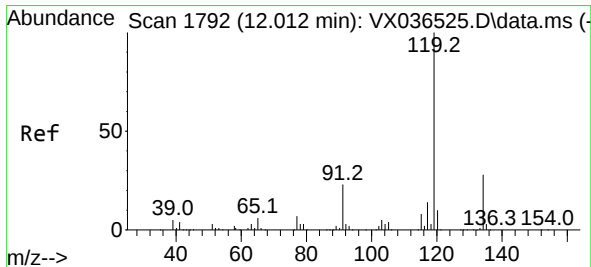
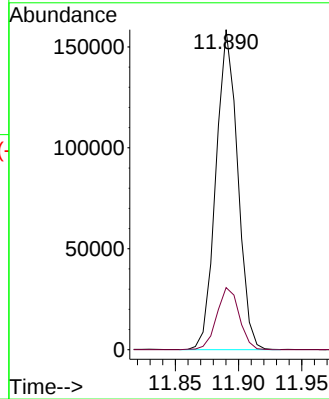
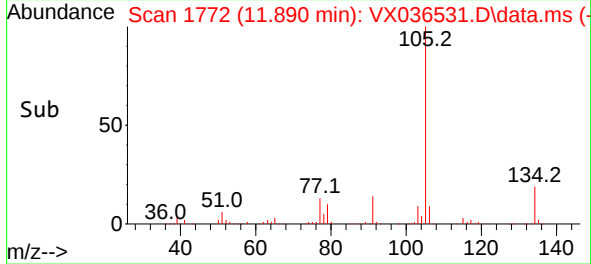
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01



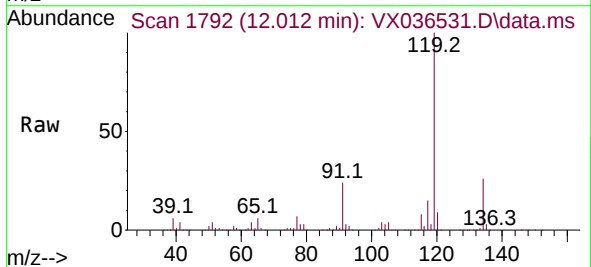
Tgt Ion:105 Resp: 189520
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 41.2

Manual Integrations
 APPROVED

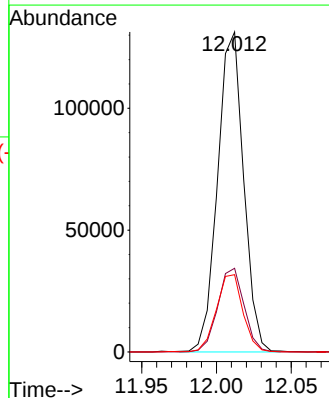
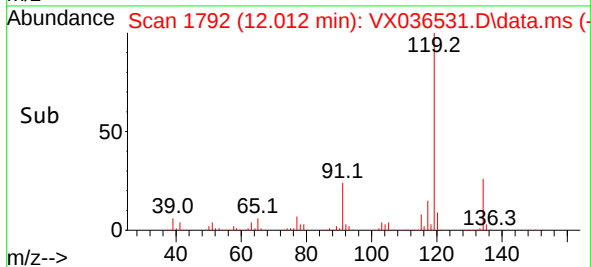
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

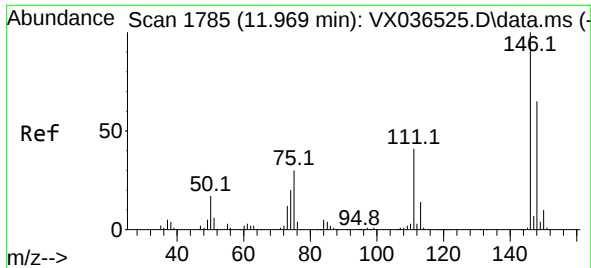


#82
 p-Isopropyltoluene
 Concen: 19.332 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX036531.D
 Acq: 13 Jul 2023 17:30



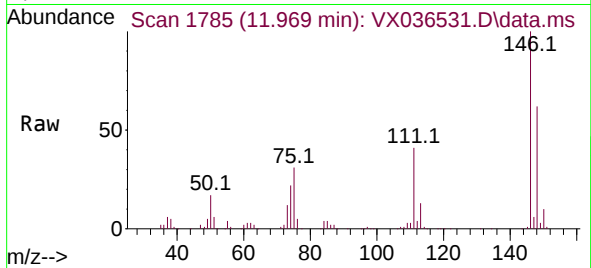
Tgt Ion:119 Resp: 158998
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.2
 91 24.6 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 19.029 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

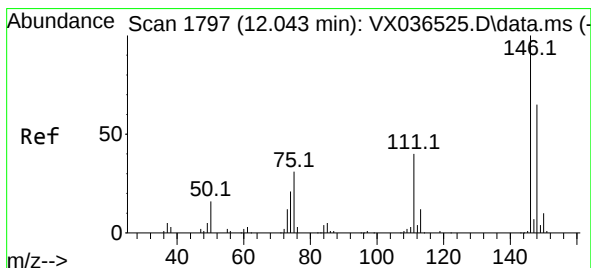
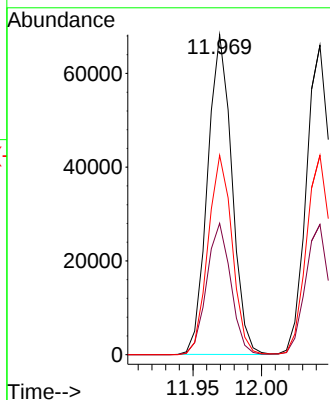
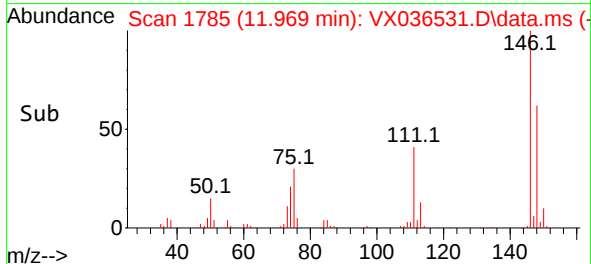
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



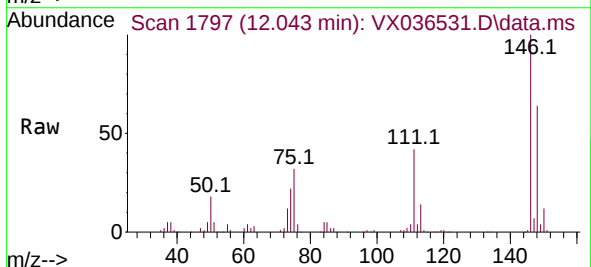
Tgt Ion:146 Resp: 84252
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.2
148 61.7 31.6 94.8

Manual Integrations
APPROVED

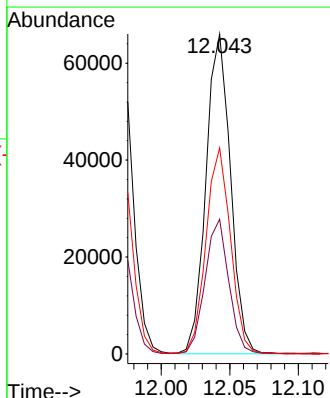
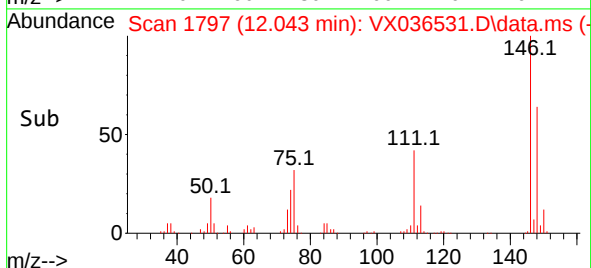
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

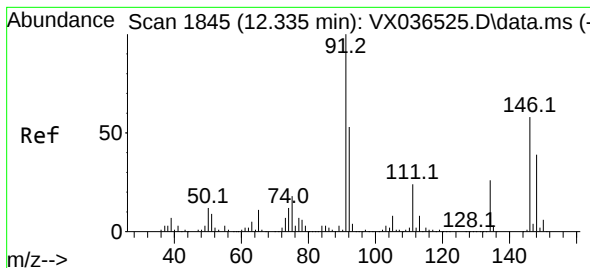


#84
1,4-Dichlorobenzene
Concen: 18.618 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



Tgt Ion:146 Resp: 82142
Ion Ratio Lower Upper
146 100
111 41.0 20.2 60.6
148 64.5 32.1 96.3





#85

n-Butylbenzene

Concen: 19.047 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036531.D

Acq: 13 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 91 Resp: 14260

Ion Ratio Lower Upper

91 100

92 52.3 0.0 105.2

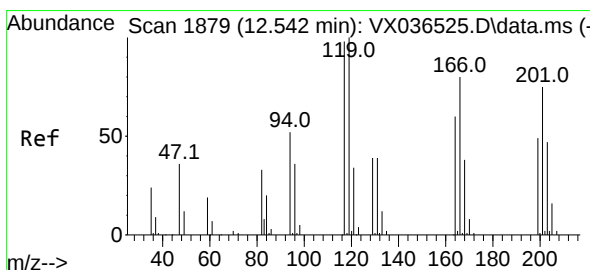
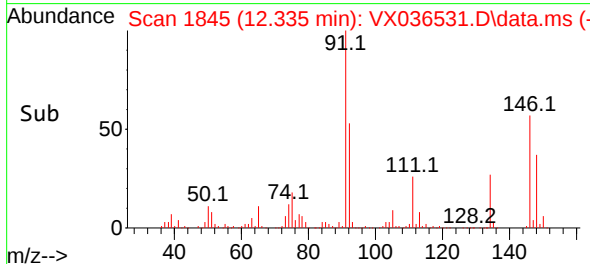
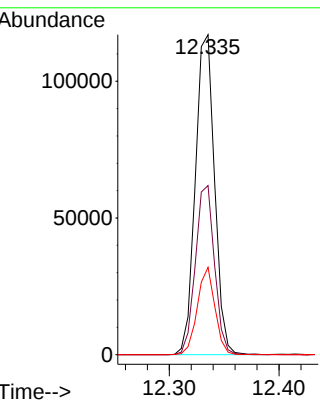
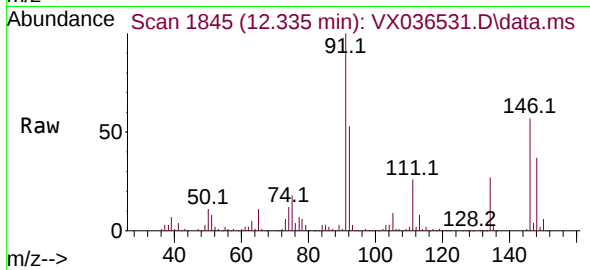
134 25.0 0.0 51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#86

Hexachloroethane

Concen: 17.938 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX036531.D

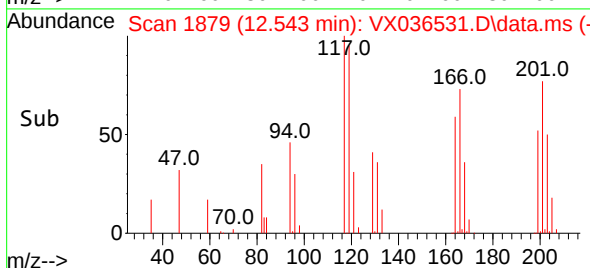
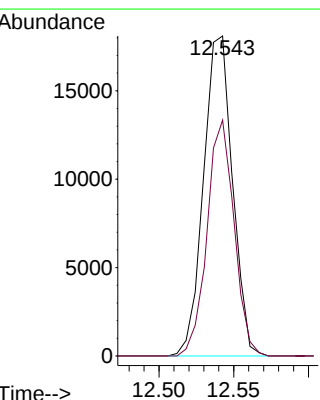
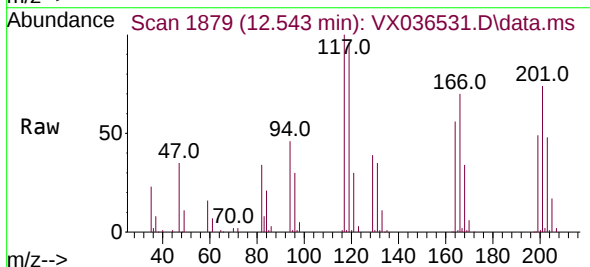
Acq: 13 Jul 2023 17:30

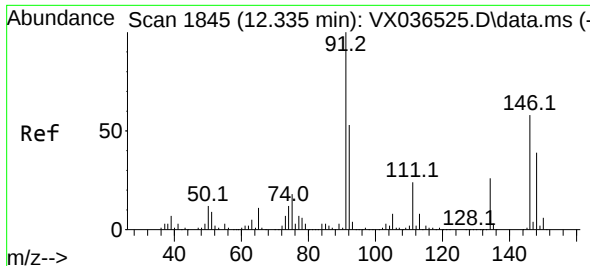
Tgt Ion:117 Resp: 24426

Ion Ratio Lower Upper

117 100

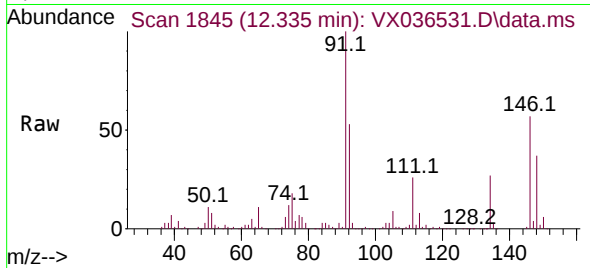
201 68.6 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 18.912 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

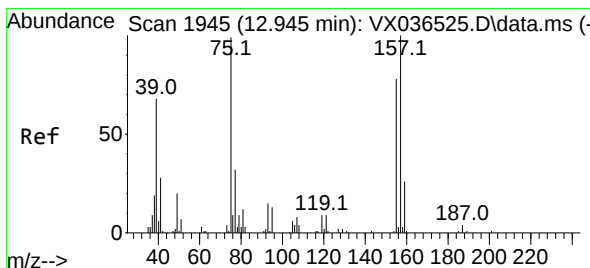
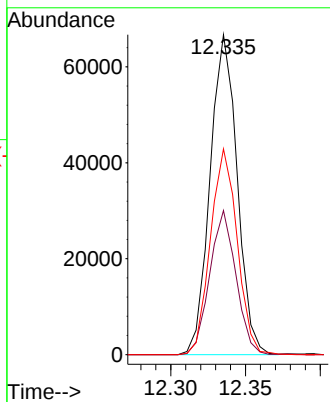
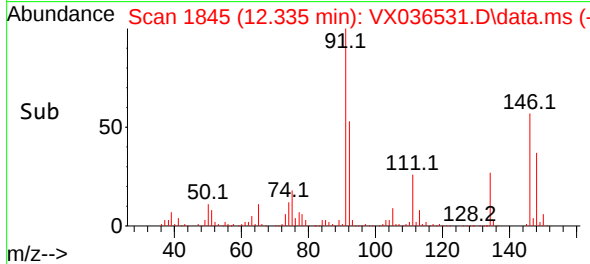
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



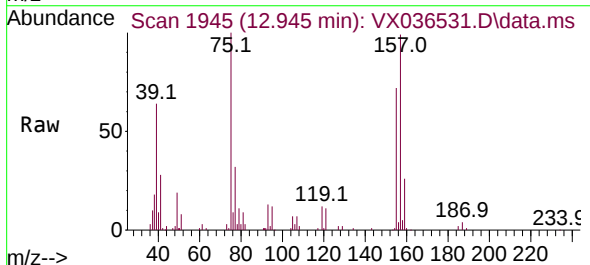
Tgt Ion:146 Resp: 83989
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 63.5 33.2 99.6

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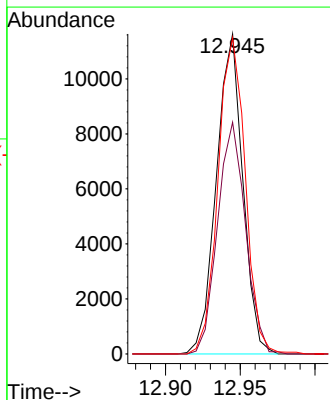
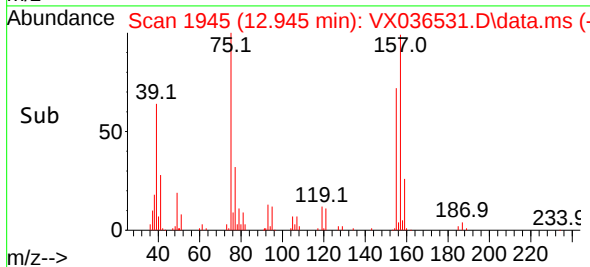
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

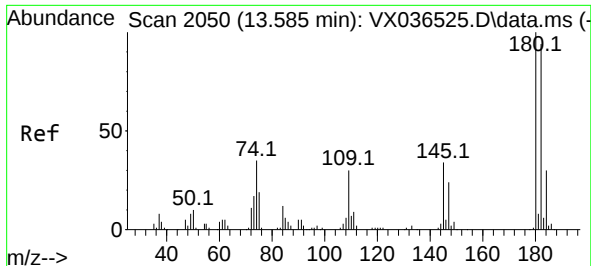


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.036 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



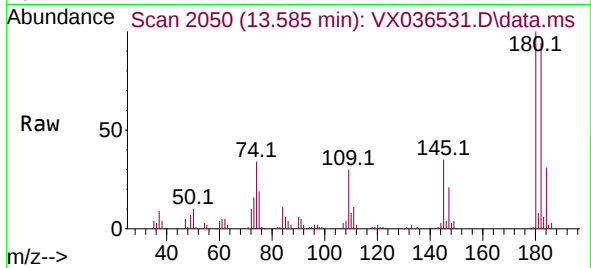
Tgt Ion: 75 Resp: 14254
Ion Ratio Lower Upper
75 100
155 76.6 62.7 94.1
157 102.2 81.5 122.3





#89
1,2,4-Trichlorobenzene
Concen: 18.259 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

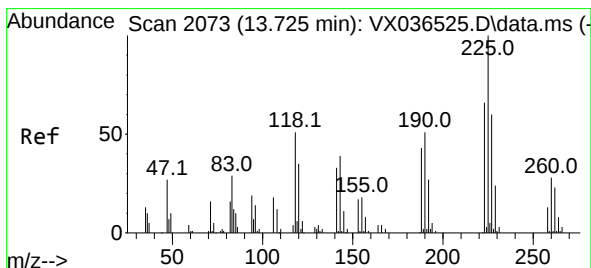
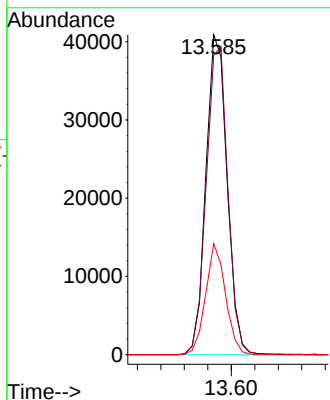
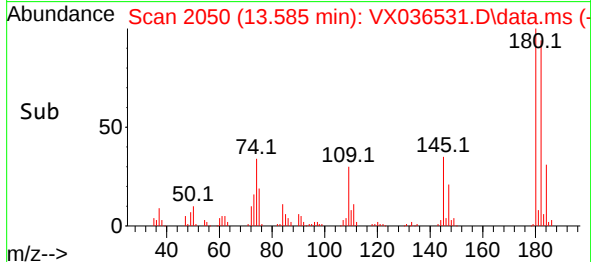
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



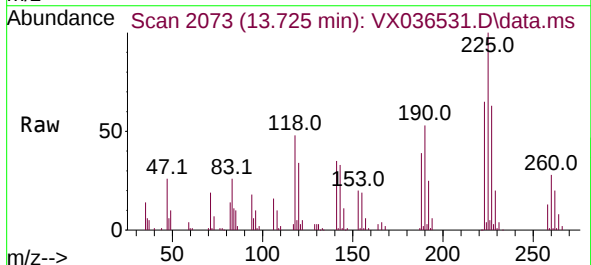
Tgt Ion:180 Resp: 5113
Ion Ratio Lower Upper
180 100
182 98.1 75.6 113.4
145 32.6 25.4 38.2

Manual Integrations
APPROVED

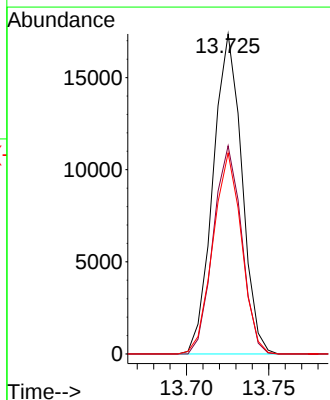
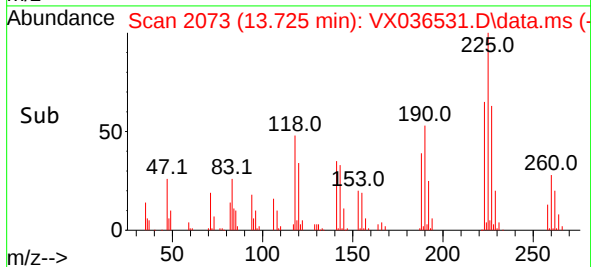
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

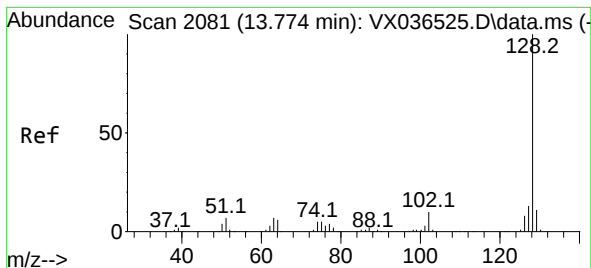


#90
Hexachlorobutadiene
Concen: 20.774 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



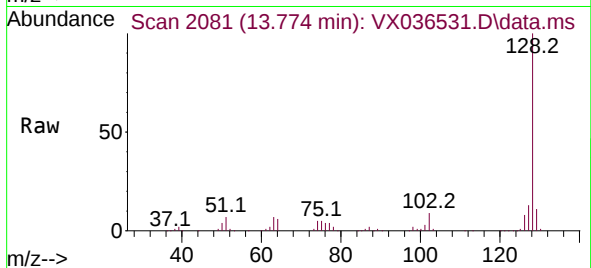
Tgt Ion:225 Resp: 21132
Ion Ratio Lower Upper
225 100
223 63.9 0.0 124.2
227 62.3 0.0 120.4





#91
Naphthalene
Concen: 18.731 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30

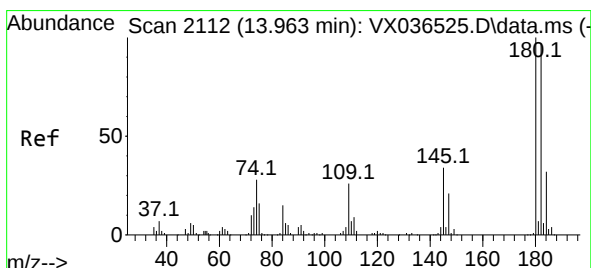
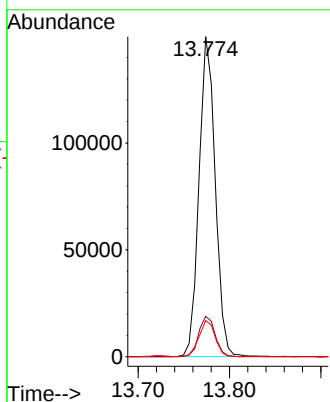
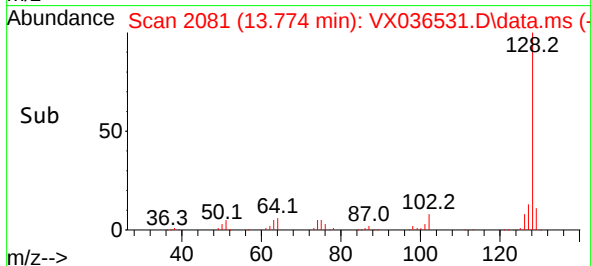
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



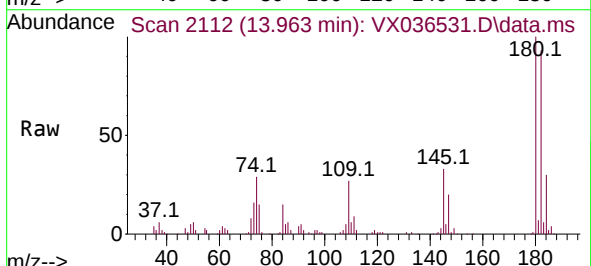
Tgt Ion:128 Resp: 184062
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.183 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036531.D
Acq: 13 Jul 2023 17:30



Tgt Ion:180 Resp: 54226
Ion Ratio Lower Upper
180 100
182 93.1 0.0 190.6
145 33.1 0.0 66.8

