

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034717.D
 Acq On : 24 Mar 2023 13:46
 Operator : JC/MD
 Sample : VX0324WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 27 01:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	296106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	501979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252543	58.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.260%#			
35) Dibromofluoromethane	5.379	113	179101	54.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	8.647	98	616438	49.823	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.640%			
62) 4-Bromofluorobenzene	11.079	95	258535	51.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68327	24.752	ug/l	97
3) Chloromethane	1.294	50	81655	18.706	ug/l	100
4) Vinyl Chloride	1.374	62	78345	20.843	ug/l	99
5) Bromomethane	1.617	94	53688	28.309	ug/l	97
6) Chloroethane	1.691	64	48068	22.211	ug/l	97
7) Trichlorofluoromethane	1.892	101	112810	19.974	ug/l	98
8) Diethyl Ether	2.130	74	51103	24.787	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	68190	20.717	ug/l	97
10) Methyl Iodide	2.453	142	86603	20.041	ug/l	91
11) Tert butyl alcohol	2.995	59	104558	116.557	ug/l	97
12) 1,1-Dichloroethene	2.319	96	62703	19.343	ug/l	92
13) Acrolein	2.239	56	53070	74.783	ug/l	100
14) Allyl chloride	2.666	41	132374	20.143	ug/l	96
15) Acrylonitrile	3.062	53	216153	111.545	ug/l	99
16) Acetone	2.392	43	205460	101.254	ug/l	94
17) Carbon Disulfide	2.514	76	148018	16.226	ug/l	99
18) Methyl Acetate	2.703	43	163026	24.588	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	280156	24.138	ug/l	97
20) Methylene Chloride	2.788	84	81161	20.609	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	70879	20.589	ug/l	97
22) Diisopropyl ether	3.757	45	283747	22.646	ug/l	95
23) Vinyl Acetate	3.721	43	1058053	110.953	ug/l	98
24) 1,1-Dichloroethane	3.611	63	145111	21.544	ug/l	98
25) 2-Butanone	4.562	43	315865	108.790	ug/l	99
26) 2,2-Dichloropropane	4.471	77	116913	19.969	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	87042	21.003	ug/l	97
28) Bromochloromethane	4.897	49	65911	21.046	ug/l	98
29) Tetrahydrofuran	5.001	42	203430	113.547	ug/l	99
30) Chloroform	5.092	83	151645	22.968	ug/l	97
31) Cyclohexane	5.470	56	119342	19.754	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	125612	21.491	ug/l	99
36) 1,1-Dichloropropene	5.690	75	103889	20.408	ug/l	98
37) Ethyl Acetate	4.708	43	124676	22.419	ug/l	100
38) Carbon Tetrachloride	5.678	117	105862	20.904	ug/l	98
39) Methylcyclohexane	7.379	83	117326	19.259	ug/l	93
40) Benzene	6.037	78	307405	20.643	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	69533	22.814	ug/l	98
42) 1,2-Dichloroethane	6.086	62	134472	24.570	ug/l	98
43) Isopropyl Acetate	6.336	43	207294	22.003	ug/l	100
44) Trichloroethene	7.123	130	78361	20.252	ug/l	99
45) 1,2-Dichloropropane	7.427	63	83028	21.353	ug/l	99
46) Dibromomethane	7.580	93	58128	21.989	ug/l	100
47) Bromodichloromethane	7.818	83	112629	22.014	ug/l	97
48) Methyl methacrylate	7.690	41	103486	22.839	ug/l	99
49) 1,4-Dioxane	7.702	88	43916	461.447	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	626196	114.576	ug/l	99
52) Toluene	8.714	92	193540	20.992	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120188	20.852	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	130790	20.974	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	82775	22.623	ug/l	98
56) Ethyl methacrylate	9.116	69	133403	22.206	ug/l	99
57) 1,3-Dichloropropane	9.305	76	145526	22.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	294696	95.184	ug/l	98
59) 2-Hexanone	9.427	43	469210	111.061	ug/l	100
60) Dibromochloromethane	9.519	129	81074	21.127	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87254	22.099	ug/l	100
64) Tetrachloroethene	9.275	164	67839	22.424	ug/l	99
65) Chlorobenzene	10.079	112	208922	21.143	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	77430	21.514	ug/l	99
67) Ethyl Benzene	10.195	91	370809	20.961	ug/l	98
68) m/p-Xylenes	10.299	106	282076	41.509	ug/l	97
69) o-Xylene	10.640	106	141087	20.688	ug/l	97
70) Styrene	10.652	104	232600	21.140	ug/l	99
71) Bromoform	10.799	173	54037	19.505	ug/l #	100
73) Isopropylbenzene	10.963	105	365857	21.251	ug/l	99
74) N-amyl acetate	10.841	43	177301	21.501	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	124137	21.608	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105414m	20.610	ug/l	
77) Bromobenzene	11.195	156	88383	21.397	ug/l	99
78) n-propylbenzene	11.305	91	415195	20.882	ug/l	100
79) 2-Chlorotoluene	11.366	91	263723	21.476	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	314633	21.788	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32403	17.139	ug/l #	84
82) 4-Chlorotoluene	11.451	91	305491	21.598	ug/l	100
83) tert-Butylbenzene	11.713	119	300297	20.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	314974	21.342	ug/l	97
85) sec-Butylbenzene	11.890	105	361303	20.298	ug/l	99
86) p-Isopropyltoluene	12.006	119	308415	20.616	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163680	20.224	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	166704	20.371	ug/l	99
89) n-Butylbenzene	12.329	91	254790	19.159	ug/l	99
90) Hexachloroethane	12.536	117	46755	16.891	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	165362	21.142	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28391	21.751	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	101624	20.778	ug/l	99
94) Hexachlorobutadiene	13.725	225	39047	19.816	ug/l	99
95) Naphthalene	13.774	128	364011	22.194	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102453	21.429	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

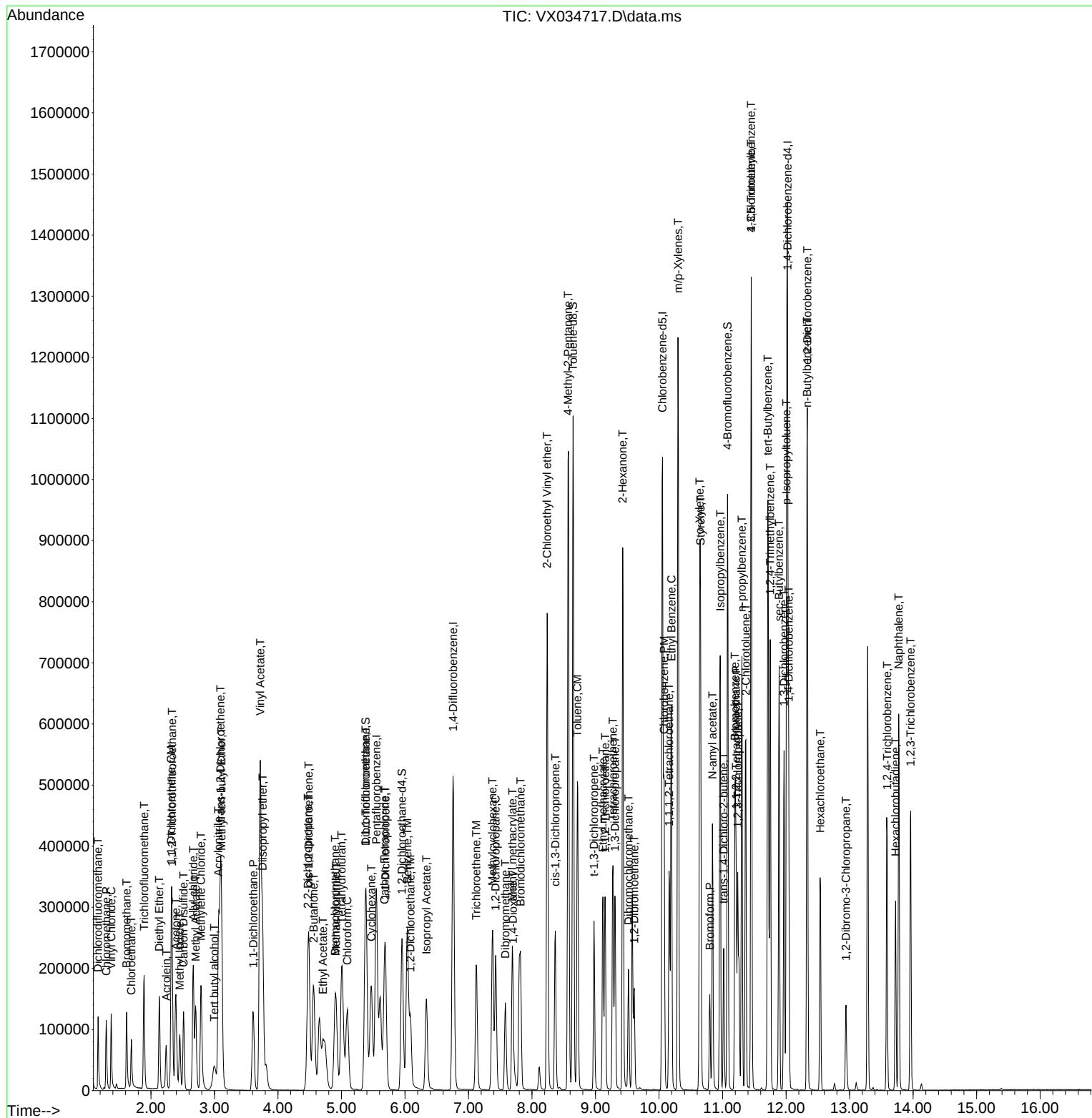
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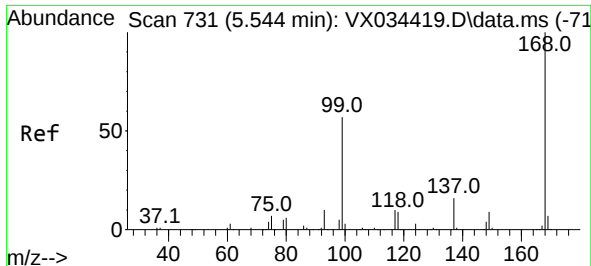
Instrument :
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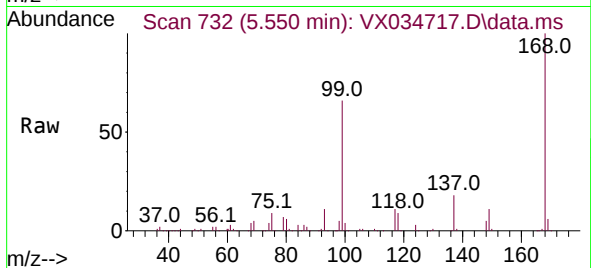
Reviewed By :John Carlone 03/27/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034717.D
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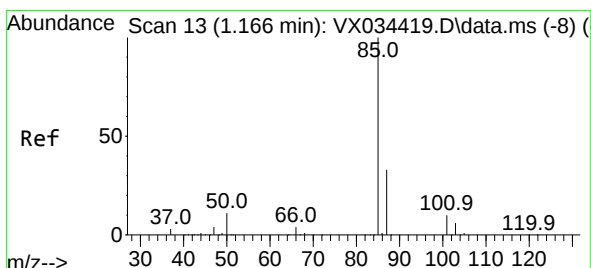
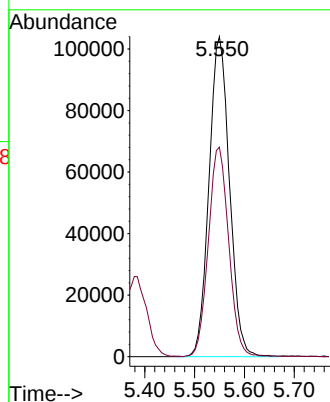
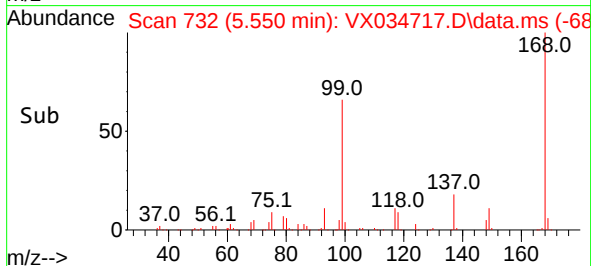
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion:168 Resp: 296100
Ion Ratio Lower Upper
168 100
99 65.4 45.7 68.5

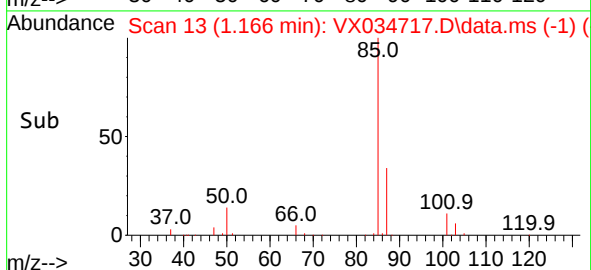
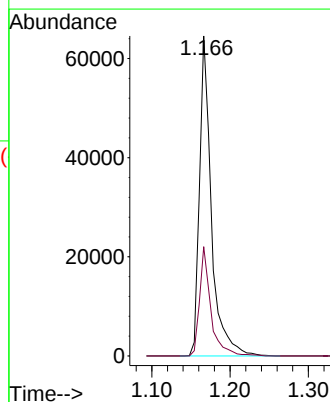
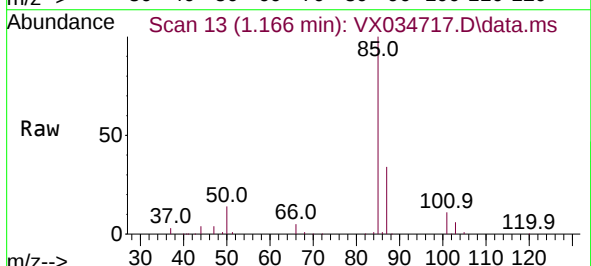
Manual Integrations
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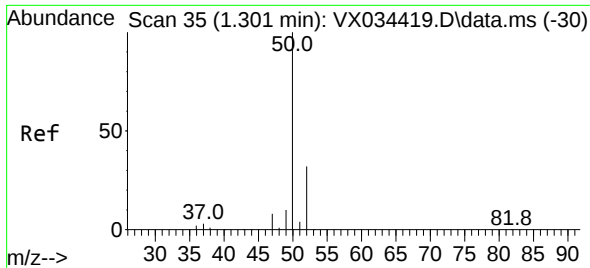
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#2
Dichlorodifluoromethane
Concen: 24.752 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

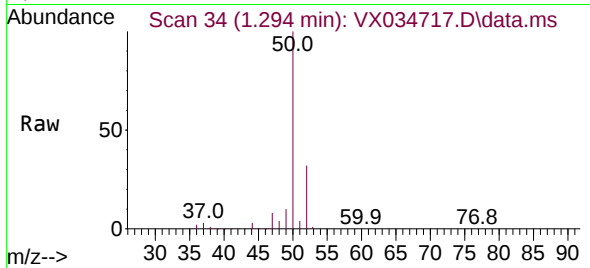
Tgt Ion: 85 Resp: 68327
Ion Ratio Lower Upper
85 100
87 34.2 16.4 49.1





#3
Chloromethane
Concen: 18.706 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

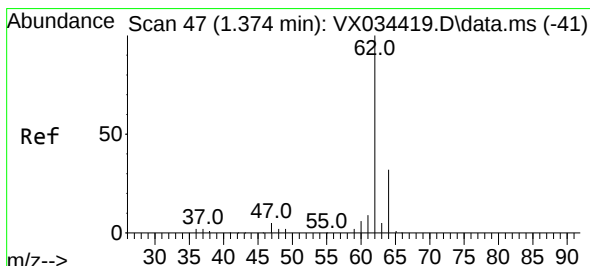
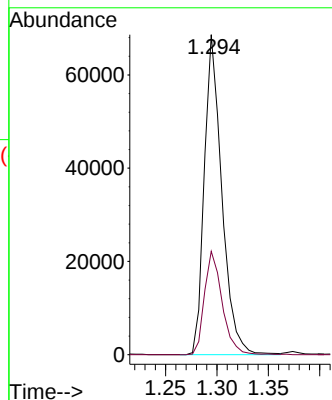
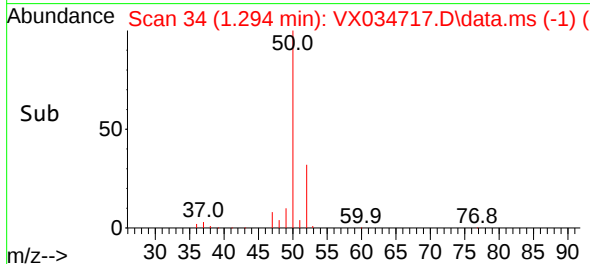
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 8165
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

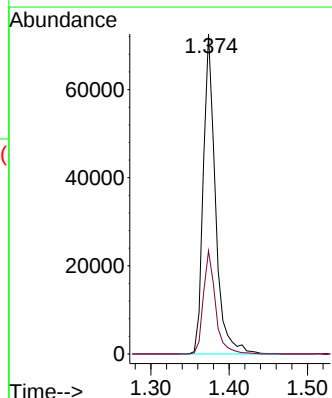
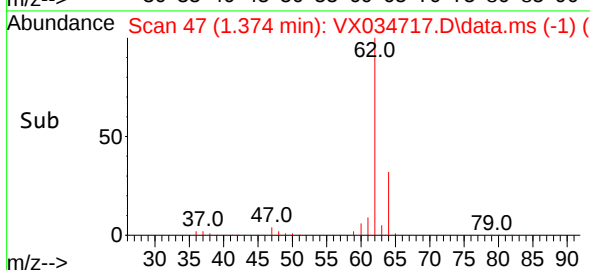
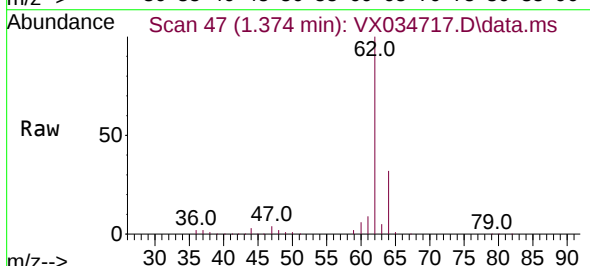
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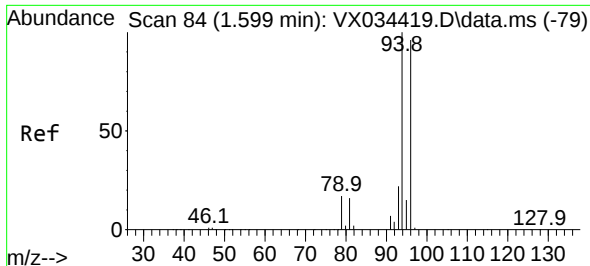
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 20.843 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 62 Resp: 78345
Ion Ratio Lower Upper
62 100
64 32.3 26.4 39.6





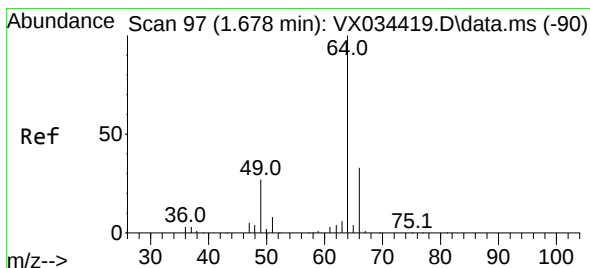
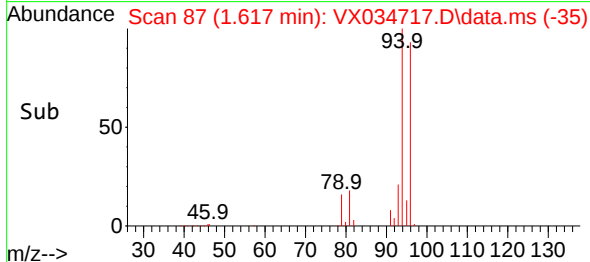
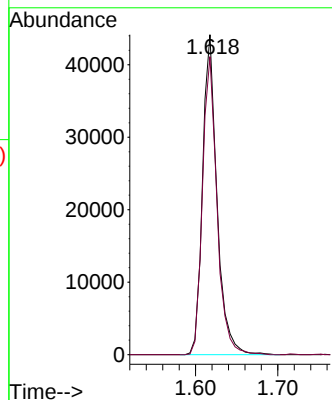
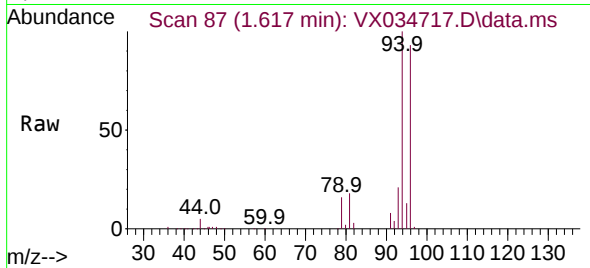
#5
Bromomethane
Concen: 28.309 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
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Tgt Ion: 94 Resp: 5368
Ion Ratio Lower Upper
94 100
96 93.1 77.0 115.6

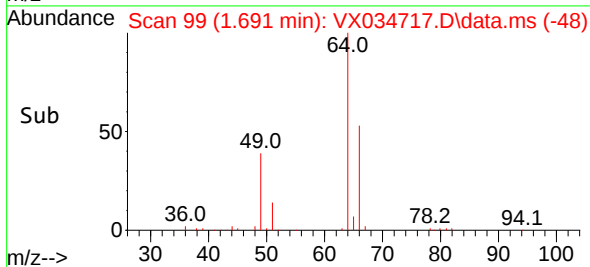
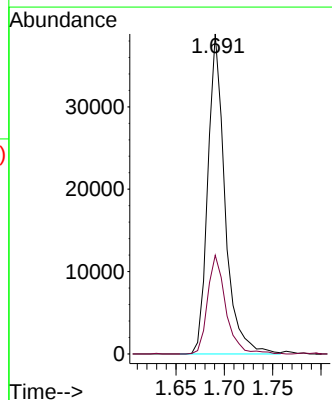
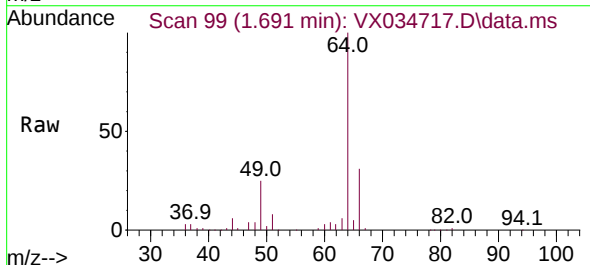
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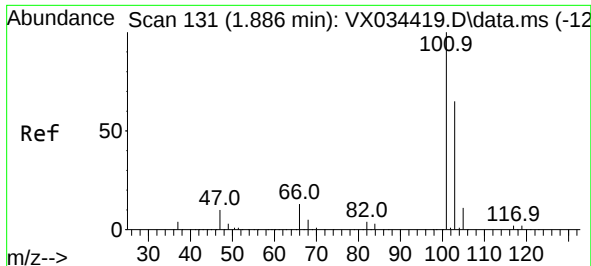
Reviewed By :John Carlone 03/27/2023
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#6
Chloroethane
Concen: 22.211 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

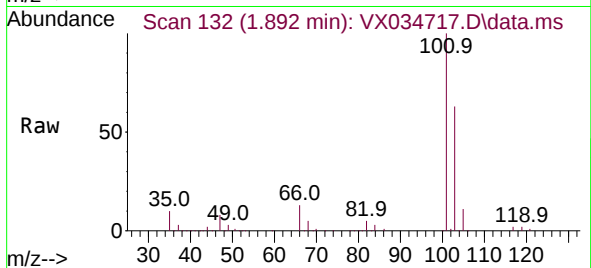
Tgt Ion: 64 Resp: 48068
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.974 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

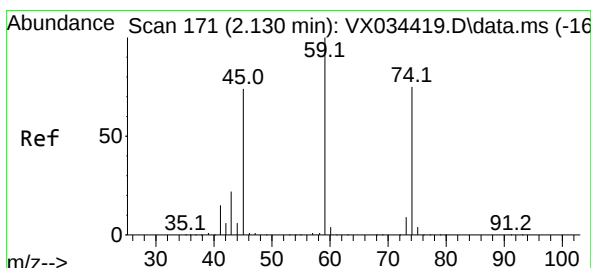
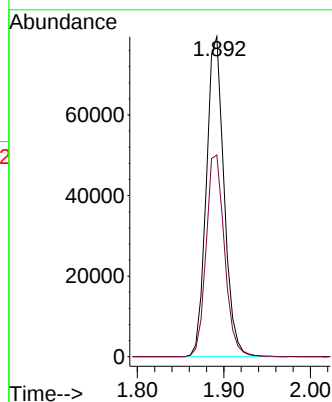
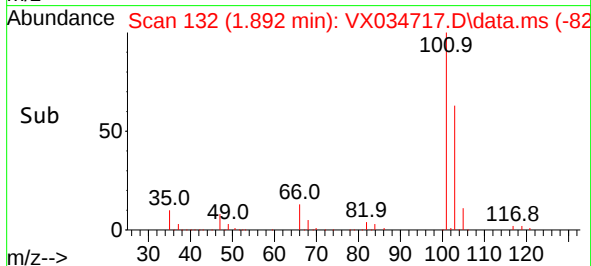
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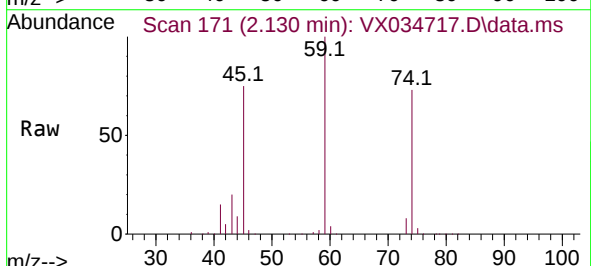
Tgt Ion:101 Resp: 112810
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0

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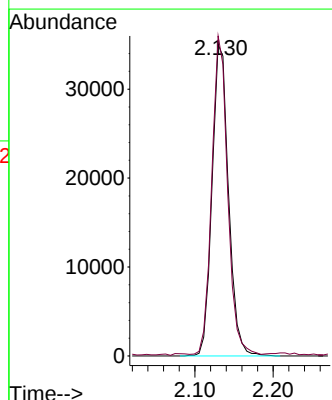
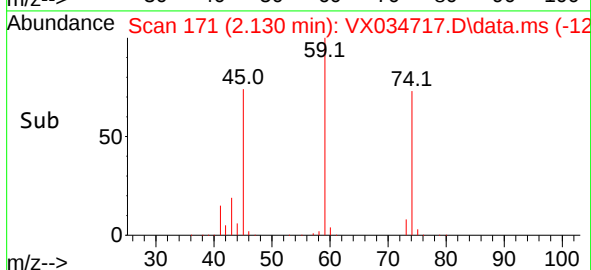
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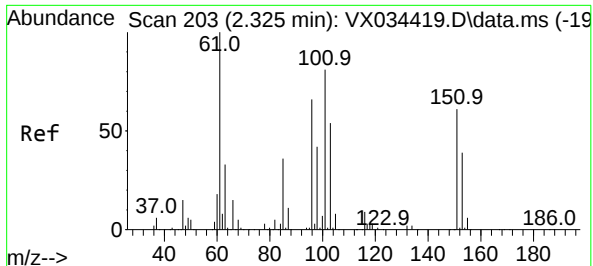


#8
Diethyl Ether
Concen: 24.787 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



Tgt Ion: 74 Resp: 51103
Ion Ratio Lower Upper
74 100
45 98.1 49.8 149.3





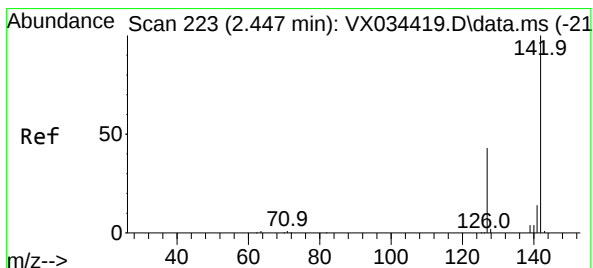
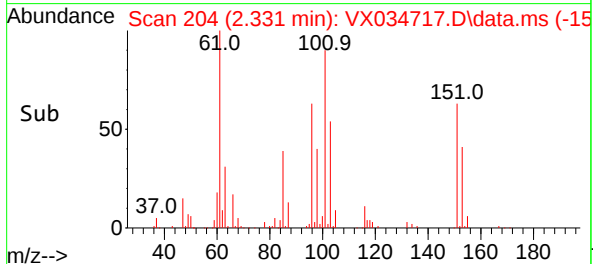
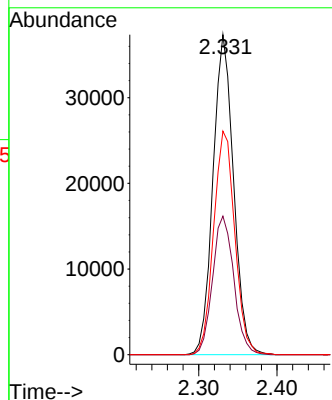
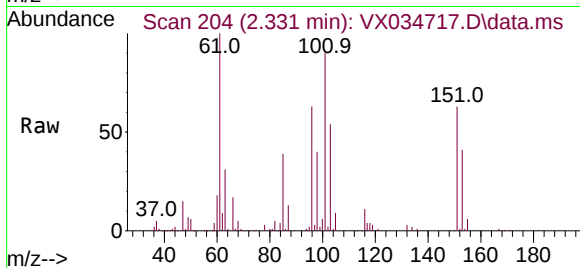
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.717 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion:101 Resp: 68190
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.2
151 72.0 60.2 90.4

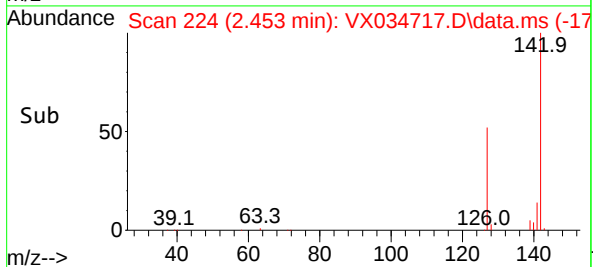
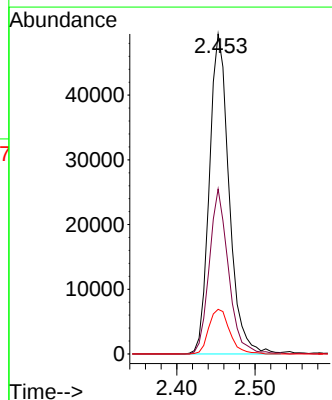
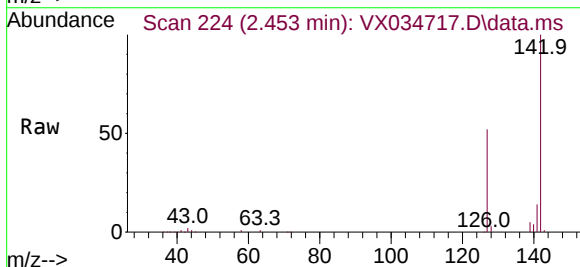
Manual Integrations
APPROVED

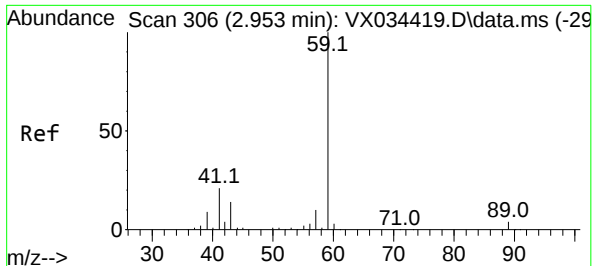
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
Methyl Iodide
Concen: 20.041 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

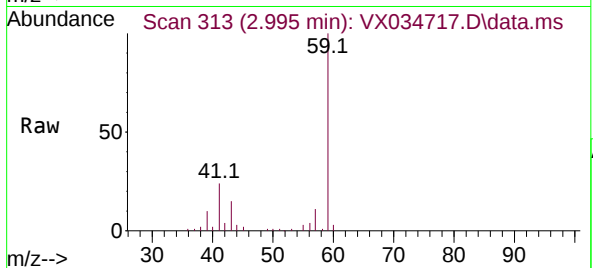
Tgt Ion:142 Resp: 86603
Ion Ratio Lower Upper
142 100
127 50.1 34.0 51.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 116.557 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.043 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

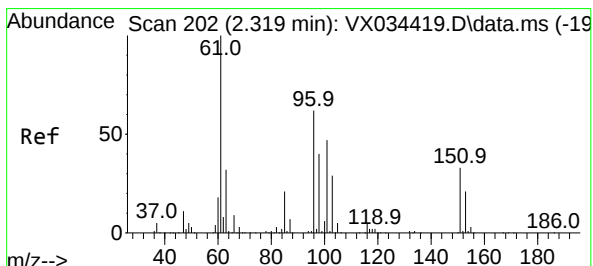
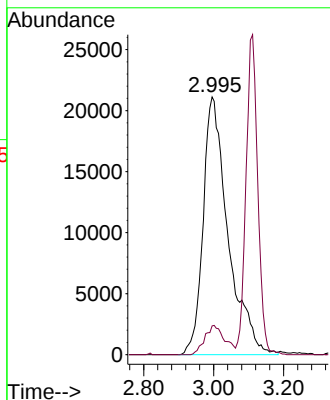
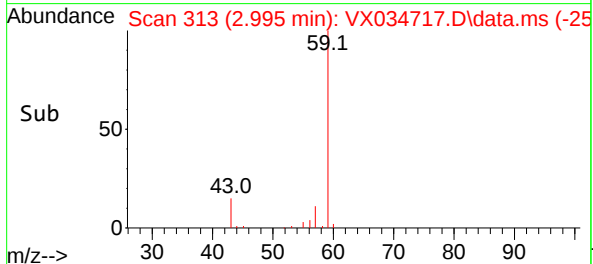
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



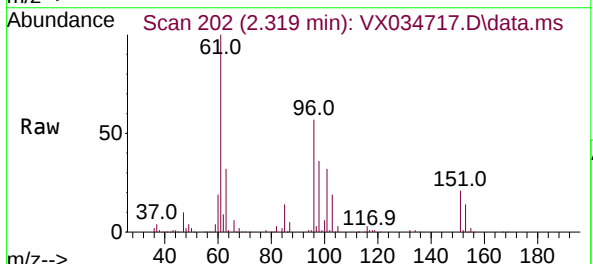
Tgt Ion: 59 Resp: 104558
Ion Ratio Lower Upper
59 100
57 9.1 8.1 12.1

Manual Integrations
APPROVED

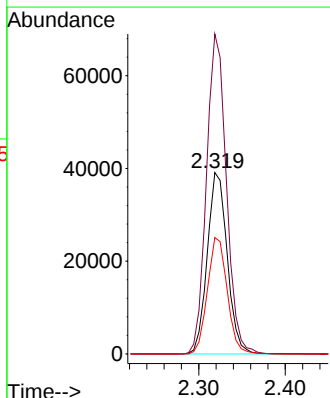
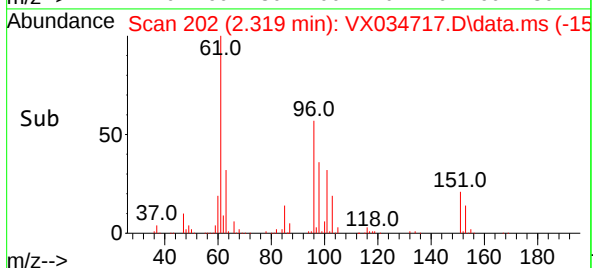
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
1,1-Dichloroethene
Concen: 19.343 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



Tgt Ion: 96 Resp: 62703
Ion Ratio Lower Upper
96 100
61 176.3 128.8 193.2
98 64.2 51.4 77.0





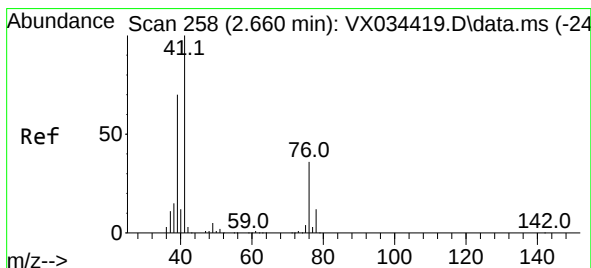
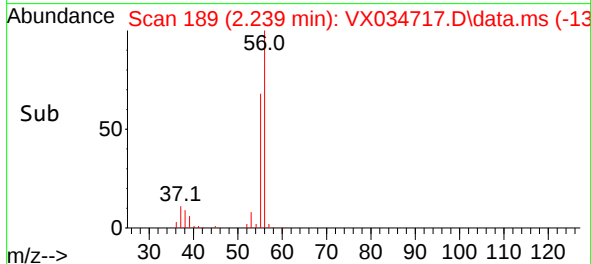
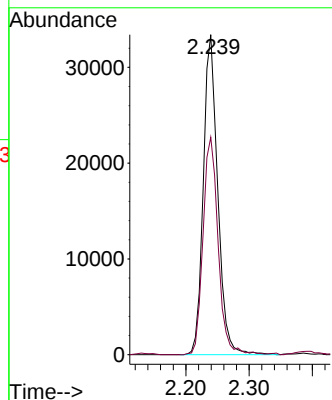
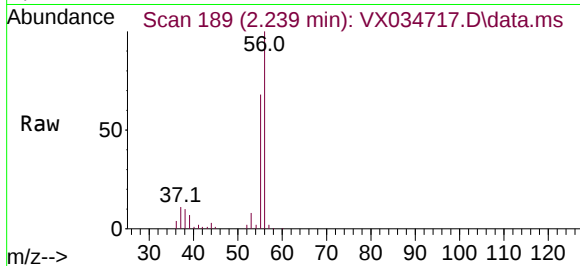
#13
Acrolein
Concen: 74.783 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion: 56 Resp: 53070
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

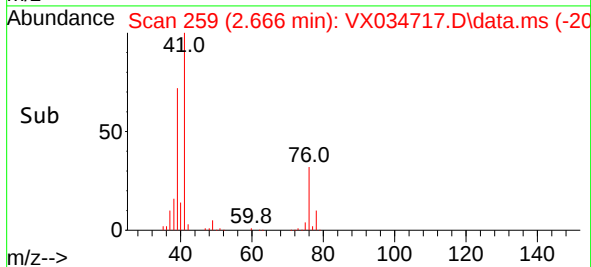
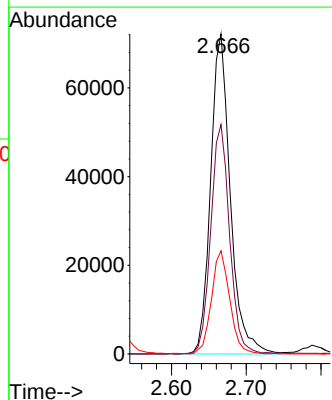
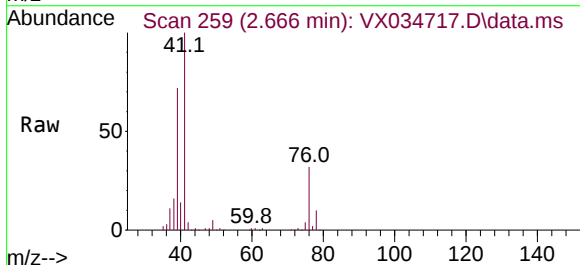
Manual Integrations
APPROVED

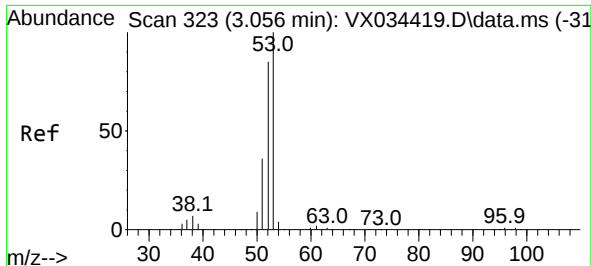
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Allyl chloride
Concen: 20.143 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 41 Resp: 132374
Ion Ratio Lower Upper
41 100
39 68.8 52.4 78.6
76 30.0 26.0 39.0





#15

Acrylonitrile

Concen: 111.545 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

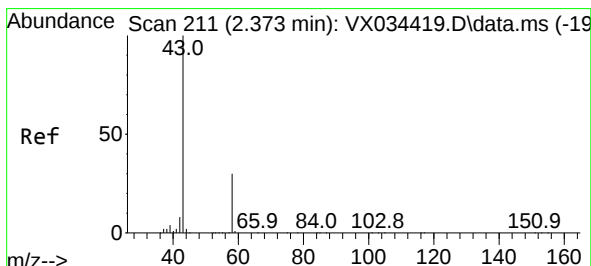
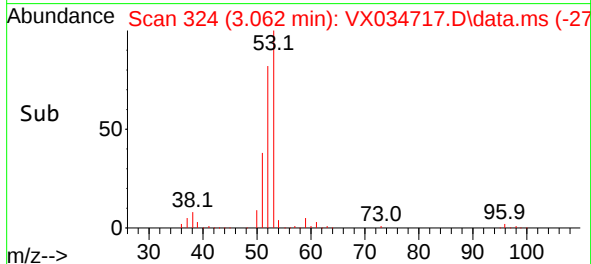
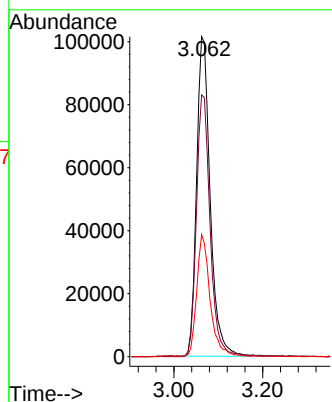
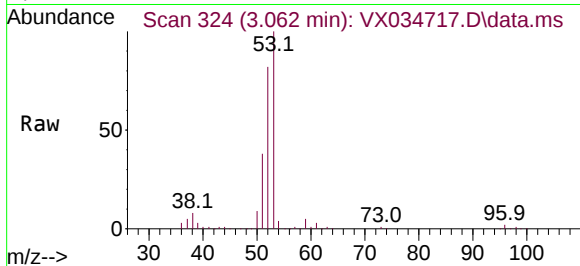
Tgt Ion: 53 Resp: 21615
 Ion Ratio Lower Upper
 53 100
 52 82.0 66.2 99.2
 51 37.2 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Acetone

Concen: 101.254 ug/l

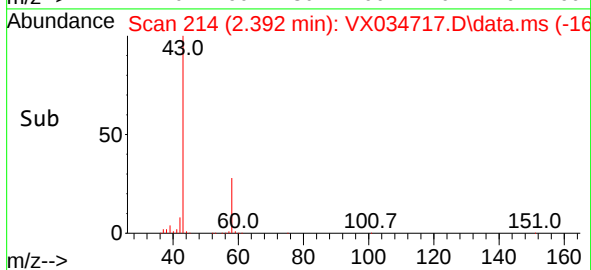
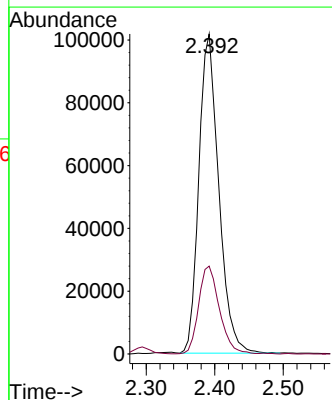
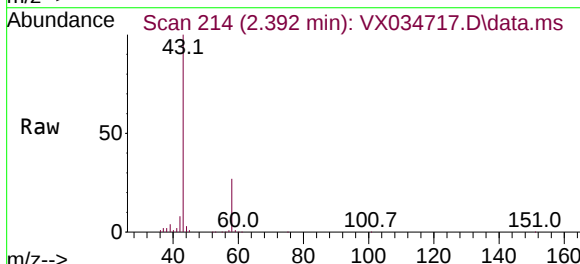
RT: 2.392 min Scan# 214

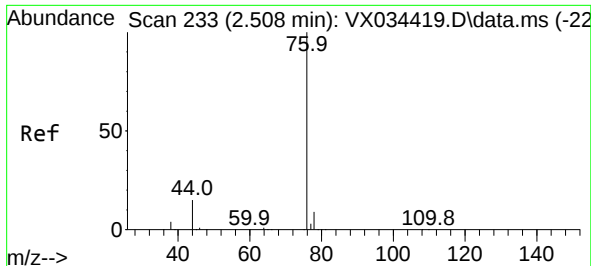
Delta R.T. 0.018 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Tgt Ion: 43 Resp: 205460
 Ion Ratio Lower Upper
 43 100
 58 27.5 24.7 37.1





#17

Carbon Disulfide

Concen: 16.226 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 76 Resp: 148018

Ion Ratio Lower Upper

76 100

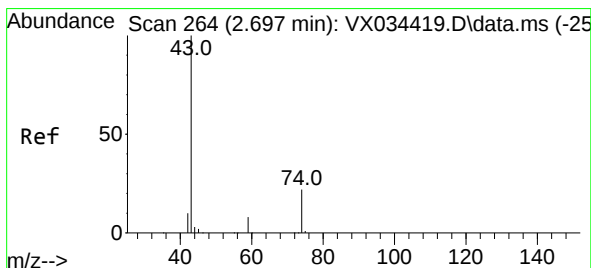
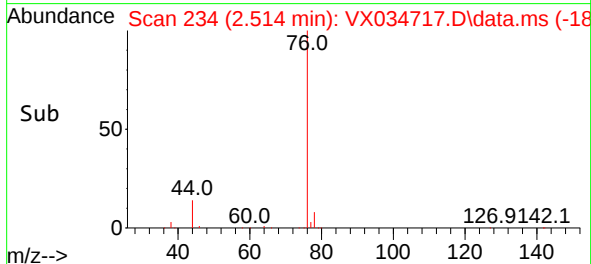
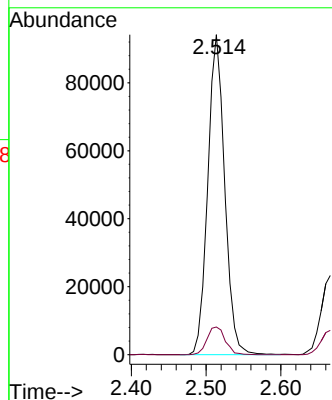
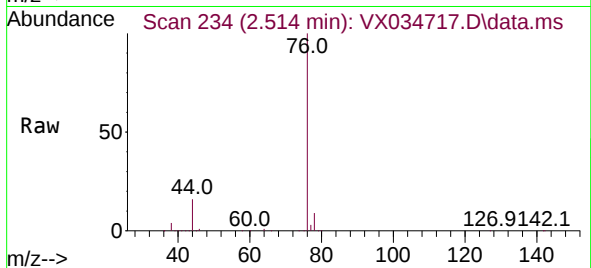
78 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#18

Methyl Acetate

Concen: 24.588 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034717.D

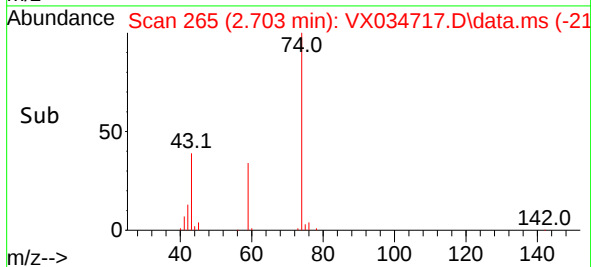
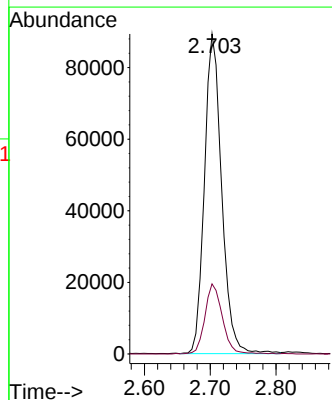
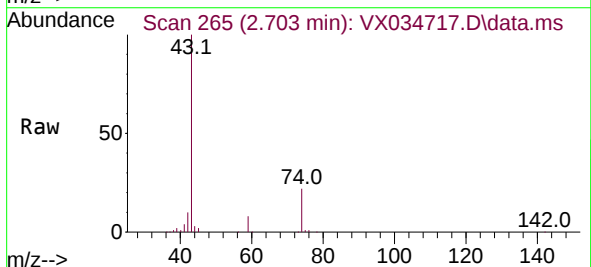
Acq: 24 Mar 2023 13:46

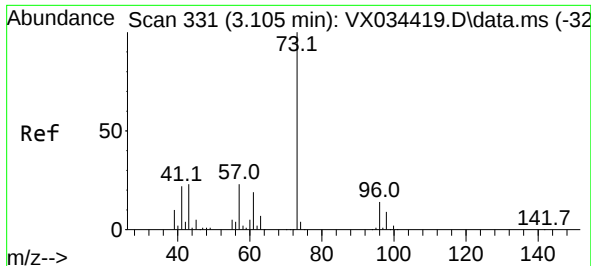
Tgt Ion: 43 Resp: 163026

Ion Ratio Lower Upper

43 100

74 22.2 18.3 27.5





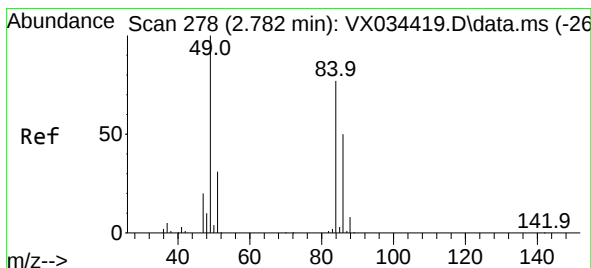
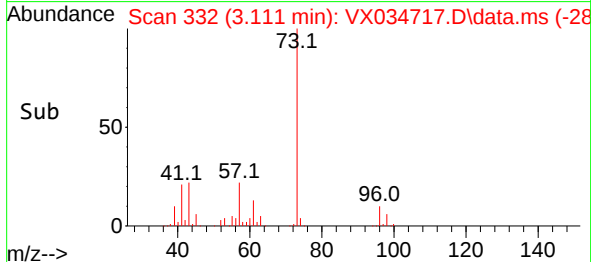
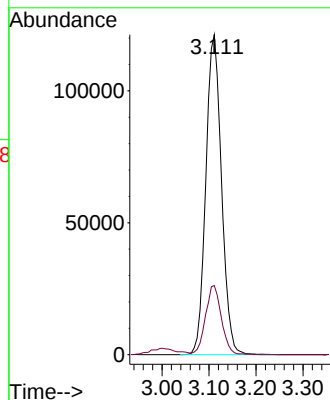
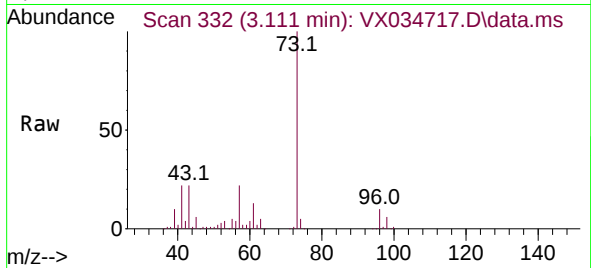
#19
Methyl tert-butyl Ether
Concen: 24.138 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion: 73 Resp: 280150
Ion Ratio Lower Upper
73 100
57 21.6 18.5 27.7

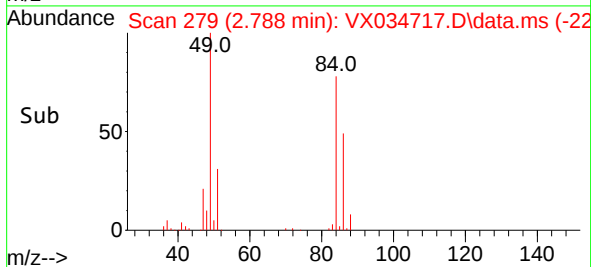
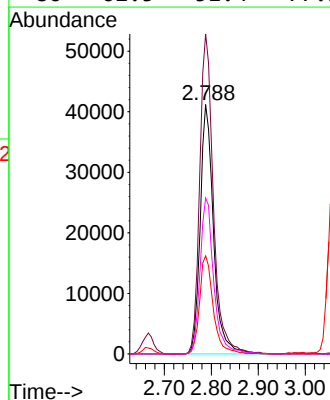
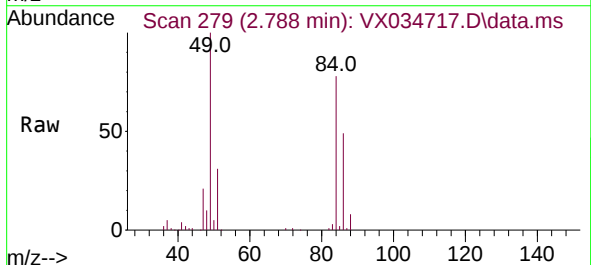
Manual Integrations
APPROVED

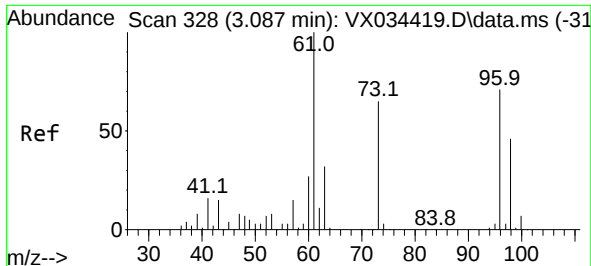
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#20
Methylene Chloride
Concen: 20.609 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

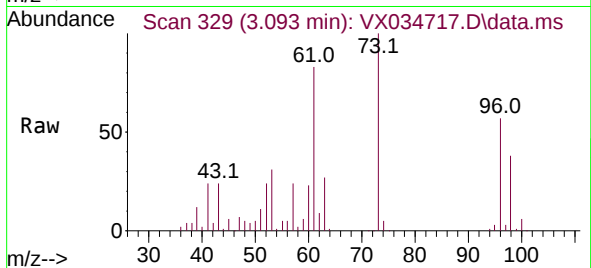
Tgt Ion: 84 Resp: 81161
Ion Ratio Lower Upper
84 100
49 128.3 103.8 155.8
51 39.3 31.8 47.8
86 62.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 20.589 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

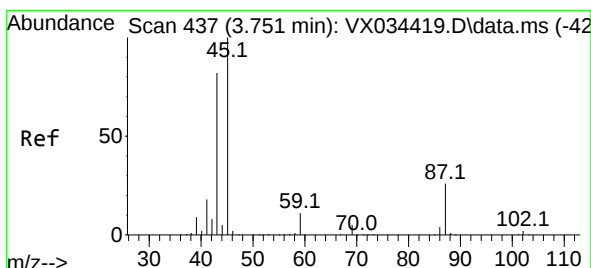
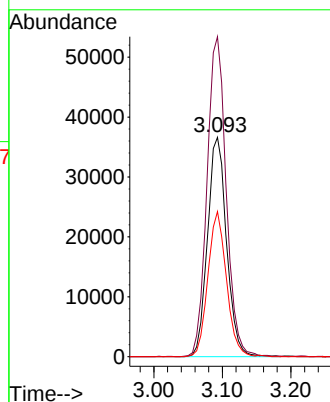
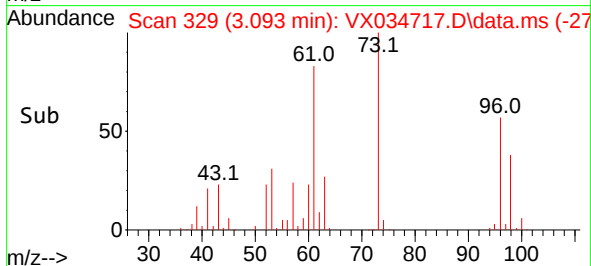
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



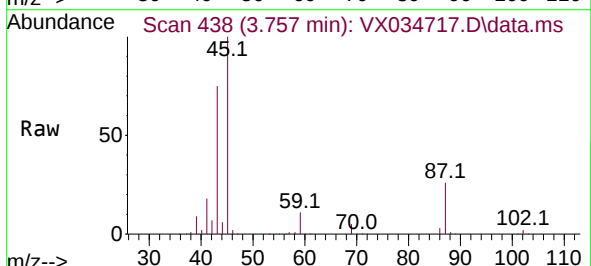
Tgt Ion: 96 Resp: 70879
Ion Ratio Lower Upper
96 100
61 145.9 113.0 169.6
98 66.2 52.1 78.1

Manual Integrations
APPROVED

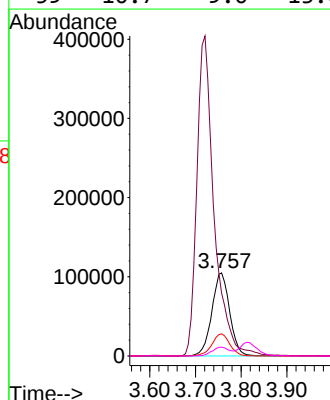
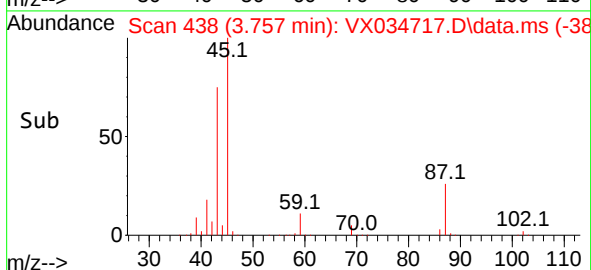
Reviewed By :John Carbone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

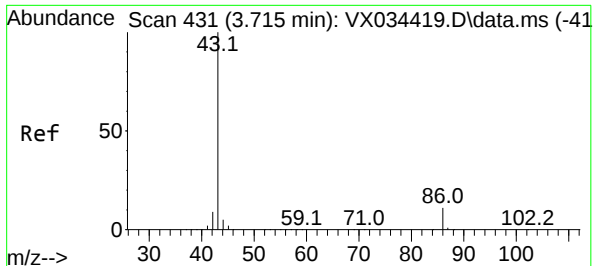


#22
Diisopropyl ether
Concen: 22.646 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



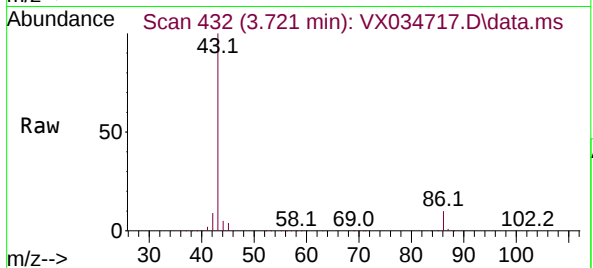
Tgt Ion: 45 Resp: 283747
Ion Ratio Lower Upper
45 100
43 75.3 65.4 98.2
87 26.5 20.6 31.0
59 10.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 110.953 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034717.D
 Acq: 24 Mar 2023 13:46

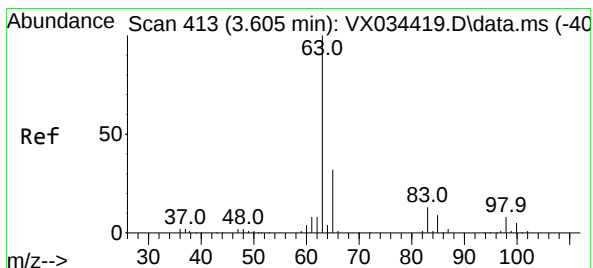
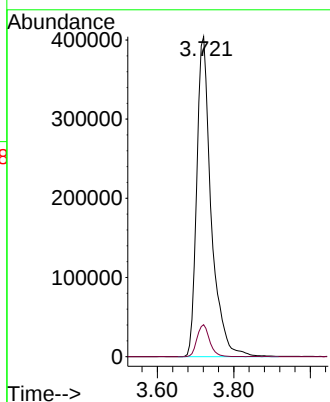
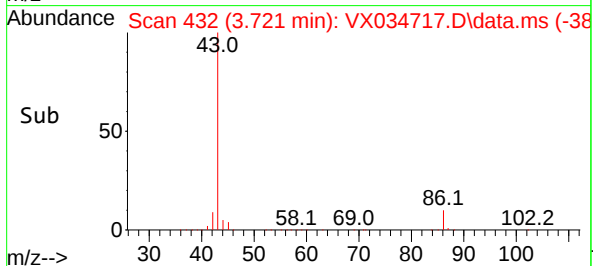
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01



Tgt Ion: 43 Resp: 105805
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

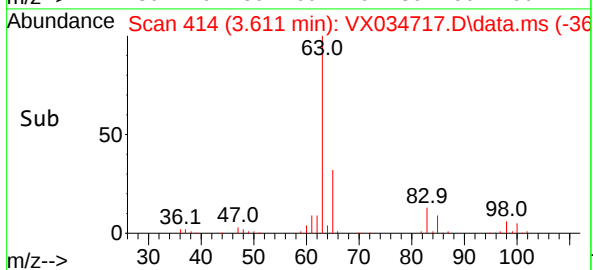
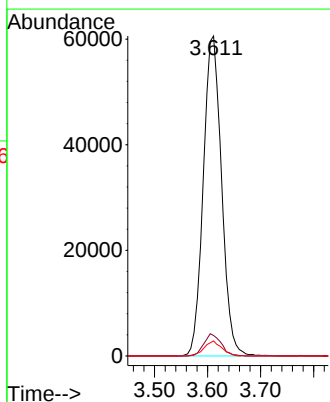
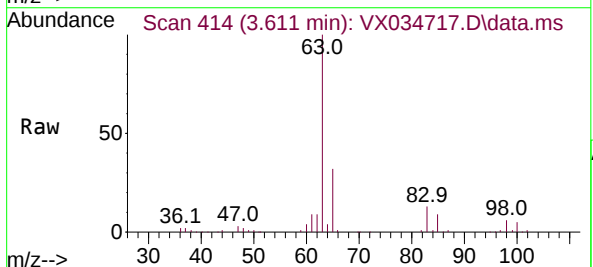
Manual Integrations
 APPROVED

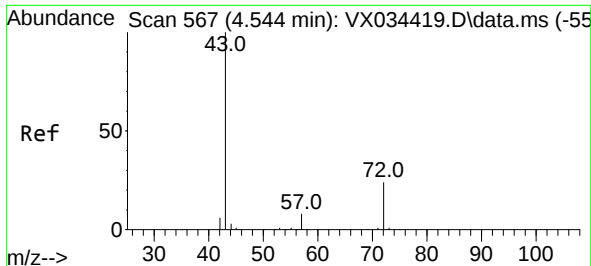
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#24
 1,1-Dichloroethane
 Concen: 21.544 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034717.D
 Acq: 24 Mar 2023 13:46

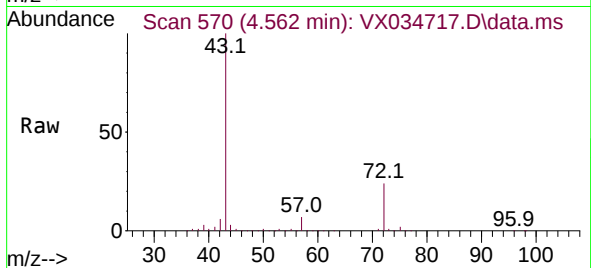
Tgt Ion: 63 Resp: 145111
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 108.790 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

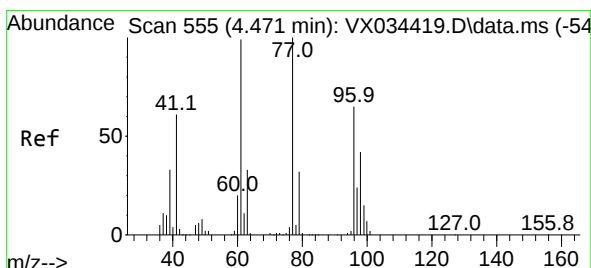
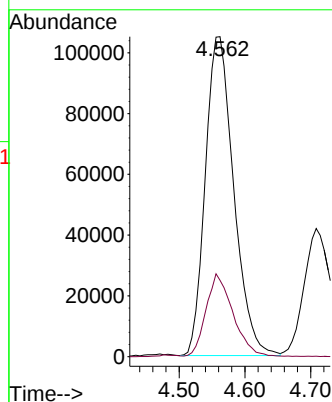
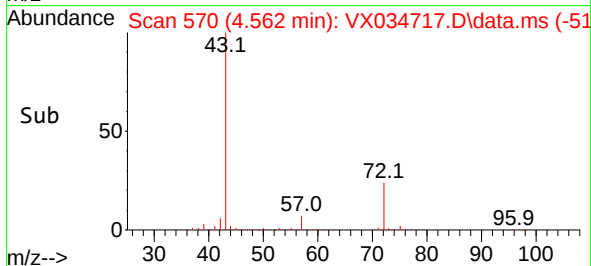
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion: 43 Resp: 31586
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9

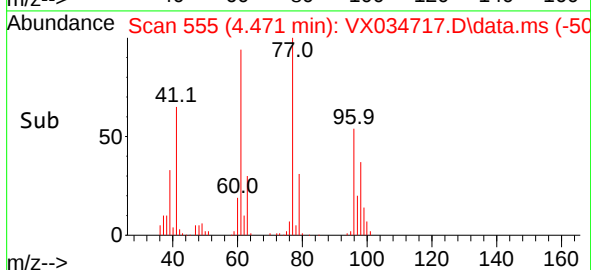
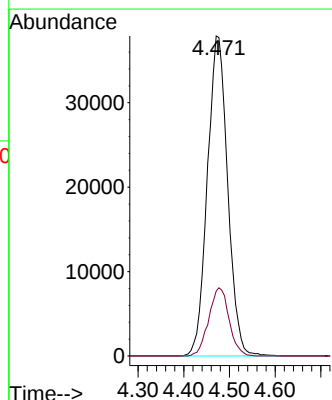
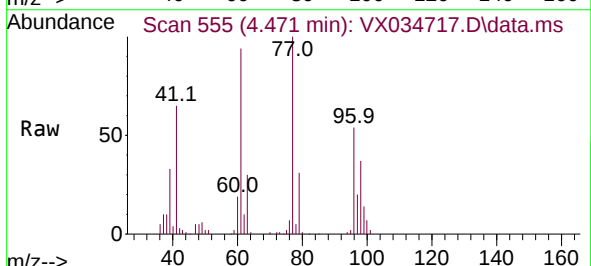
Manual Integrations
APPROVED

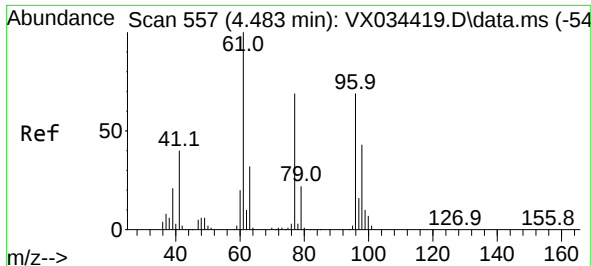
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#26
2,2-Dichloropropane
Concen: 19.969 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 77 Resp: 116913
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.003 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 96 Resp: 8704

Ion Ratio Lower Upper

96 100

61 155.0 0.0 300.4

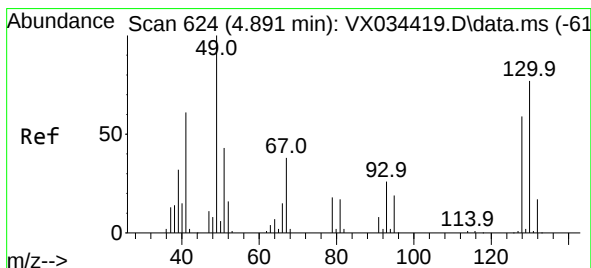
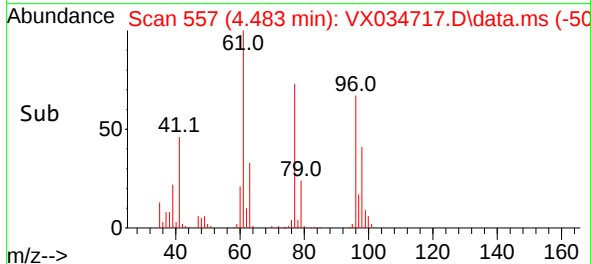
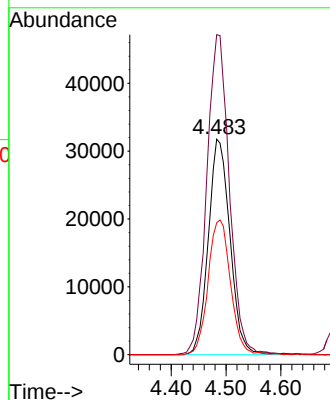
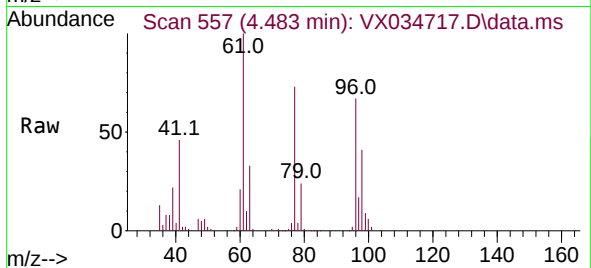
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#28

Bromochloromethane

Concen: 21.046 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

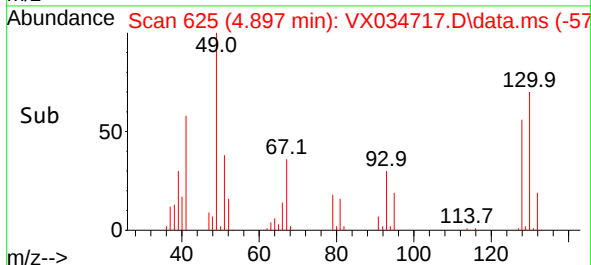
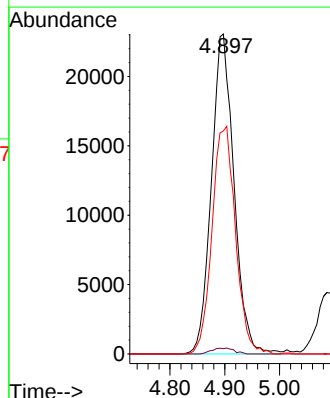
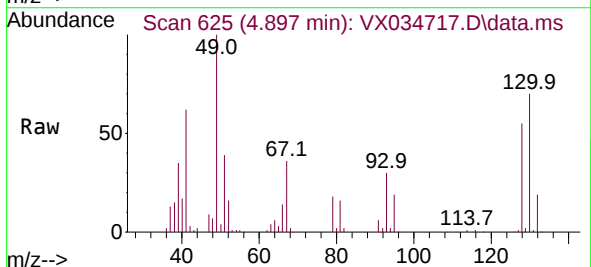
Tgt Ion: 49 Resp: 65911

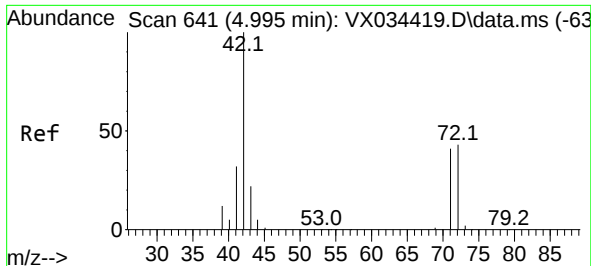
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

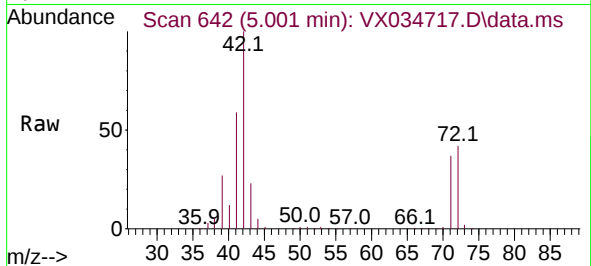
130 74.0 58.2 87.2





#29
Tetrahydrofuran
Concen: 113.547 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

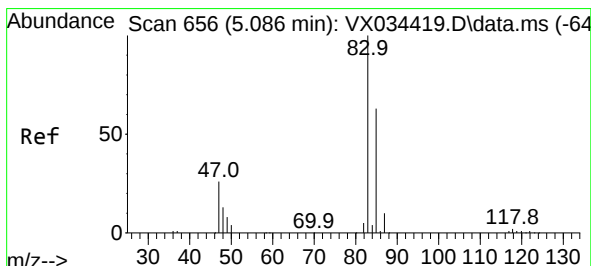
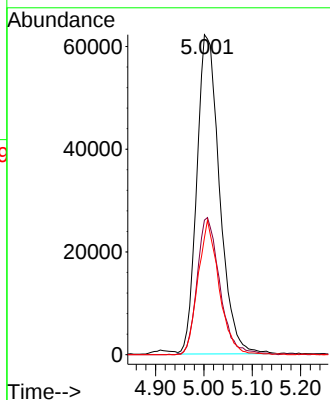
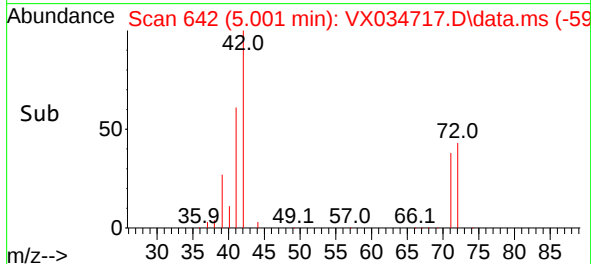
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



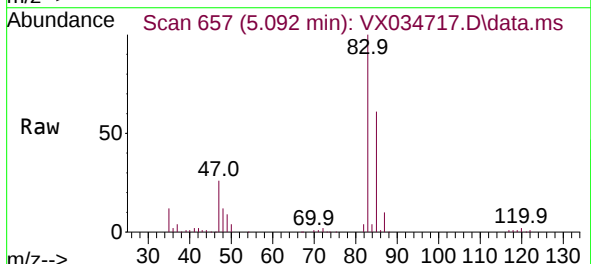
Tgt Ion: 42 Resp: 203430
Ion Ratio Lower Upper
42 100
72 42.7 34.5 51.7
71 39.0 32.1 48.1

Manual Integrations
APPROVED

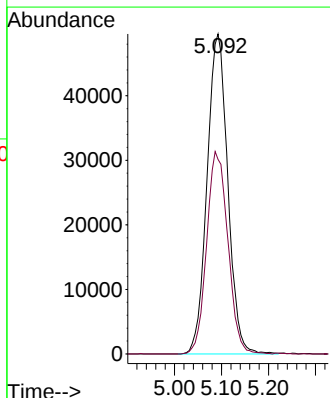
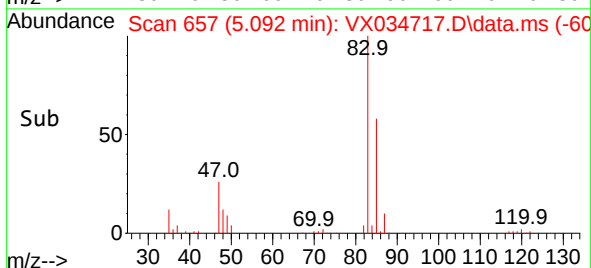
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

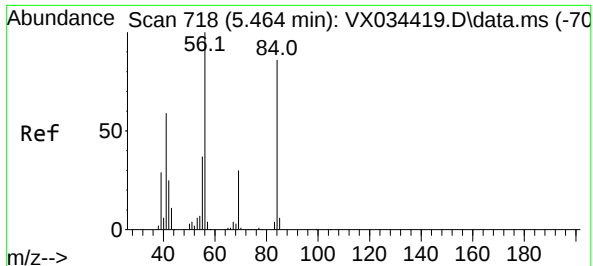


#30
Chloroform
Concen: 22.968 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



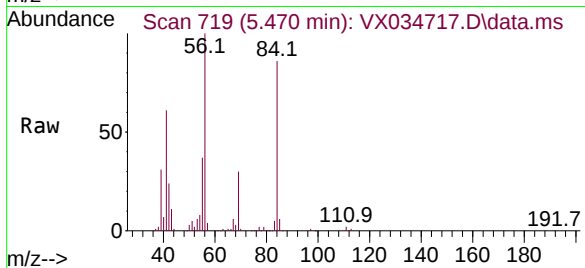
Tgt Ion: 83 Resp: 151645
Ion Ratio Lower Upper
83 100
85 60.8 50.6 76.0





#31
Cyclohexane
Concen: 19.754 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

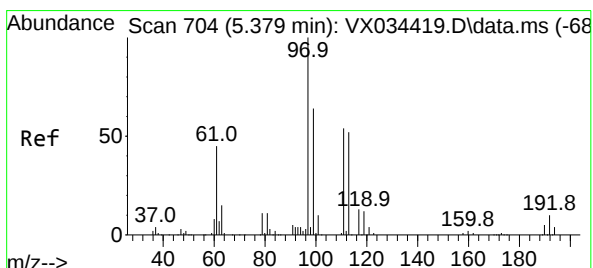
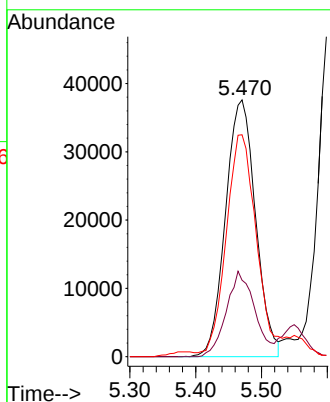
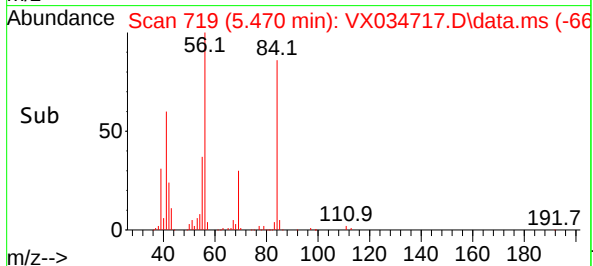
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion: 56 Resp: 11934
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 84.6 68.5 102.7

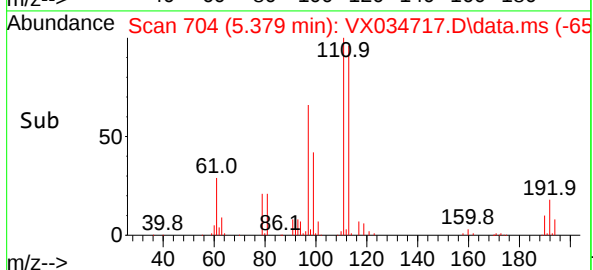
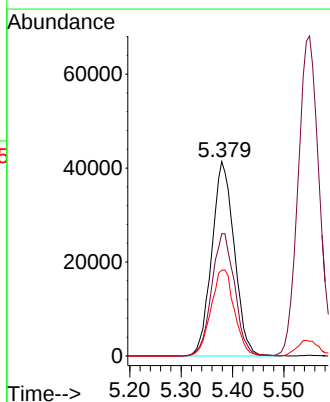
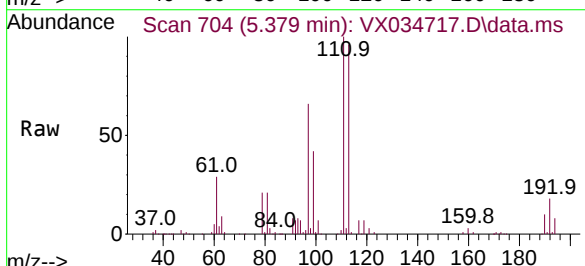
Manual Integrations
APPROVED

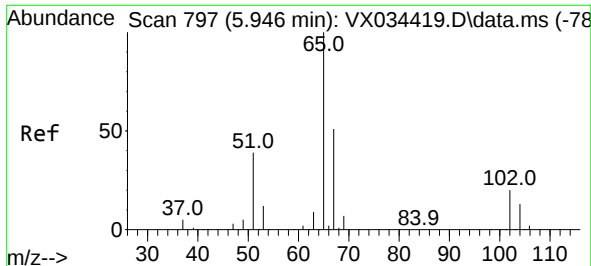
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#32
1,1,1-Trichloroethane
Concen: 21.491 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 97 Resp: 125612
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 46.1 36.5 54.7





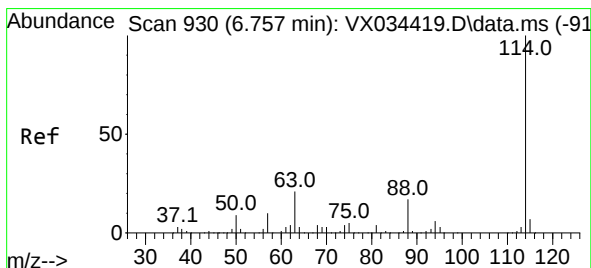
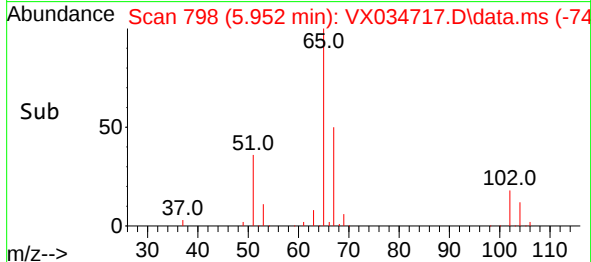
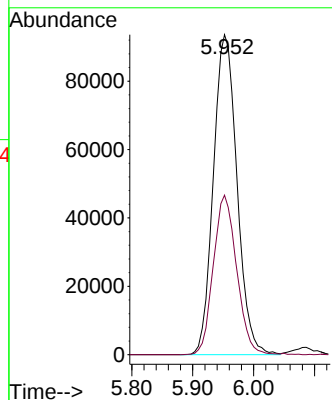
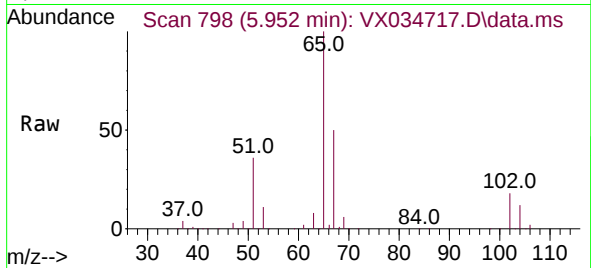
#33
1,2-Dichloroethane-d4
Concen: 58.625 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
Client Sample Id :
VX0324WBSD01

Tgt Ion: 65 Resp: 25254
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.0

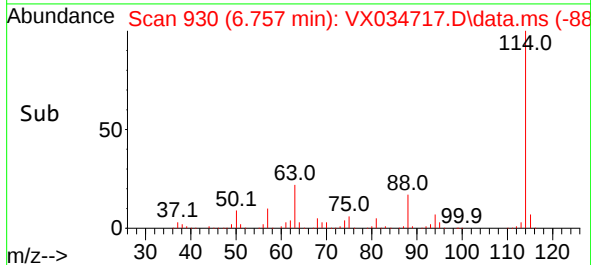
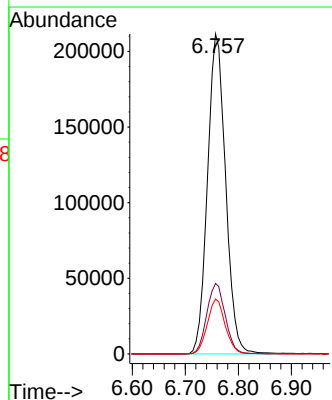
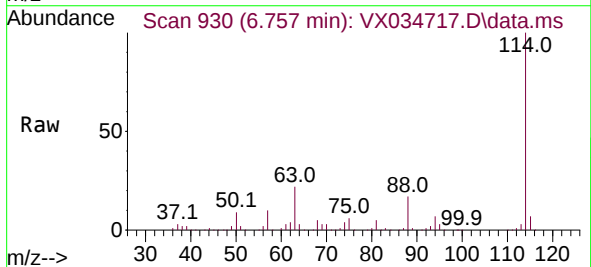
Manual Integrations
APPROVED

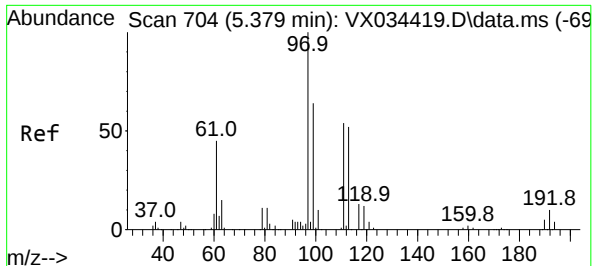
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion:114 Resp: 501979
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.039 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX034717.D

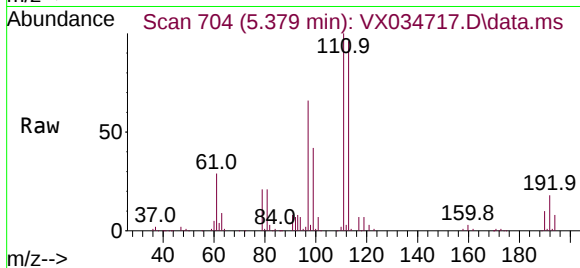
Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01



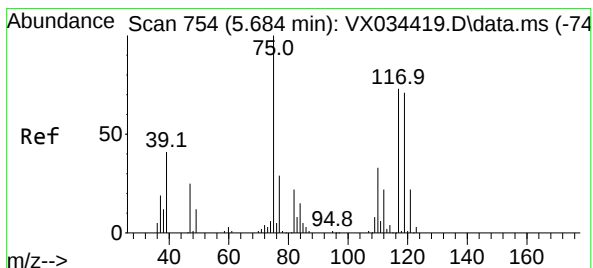
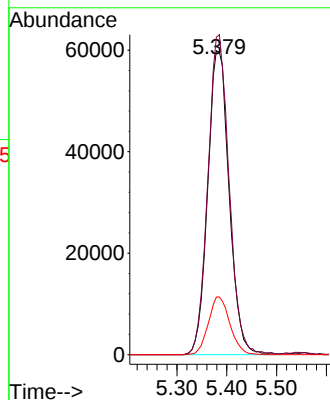
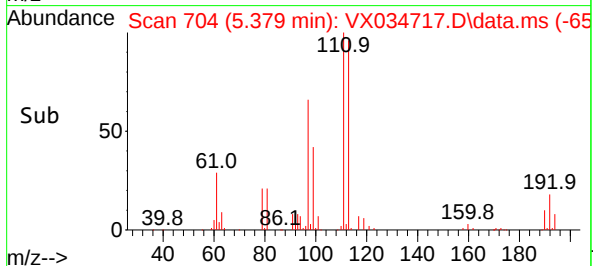
Tgt Ion:	113	Resp:	17910
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.7	125.5
192	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#36

1,1-Dichloropropene

Concen: 20.408 ug/l

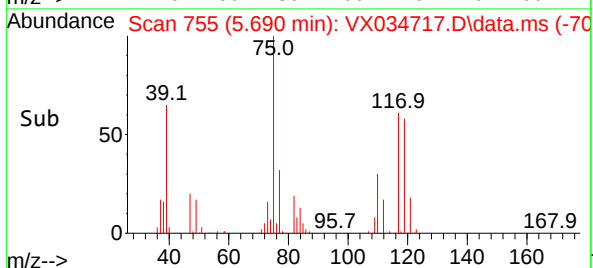
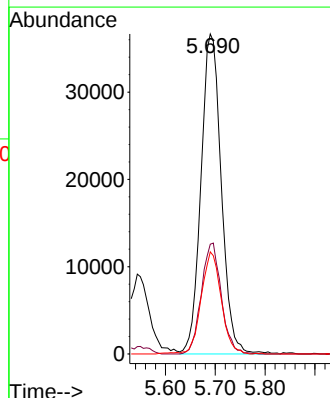
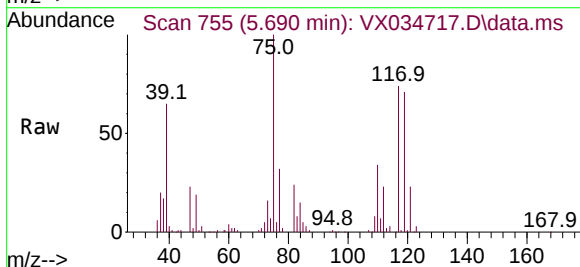
RT: 5.690 min Scan# 755

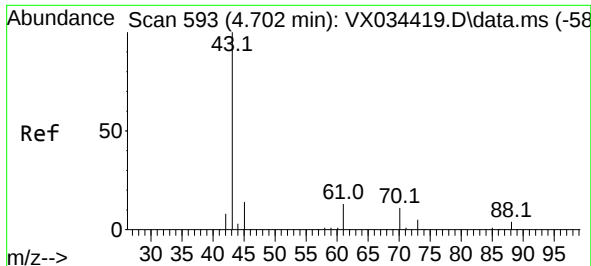
Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Tgt Ion:	75	Resp:	103889
Ion Ratio	Lower	Upper	
75	100		
110	33.9	17.5	52.5
77	31.5	24.3	36.5





#37

Ethyl Acetate

Concen: 22.419 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 43 Resp: 124670

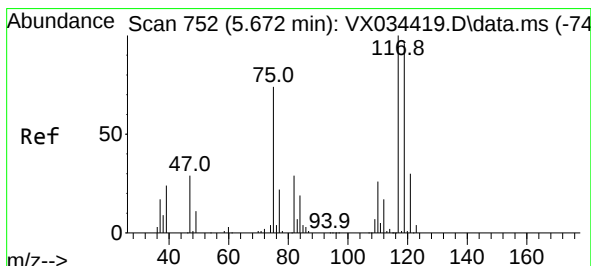
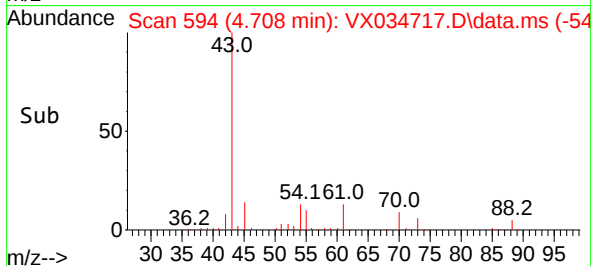
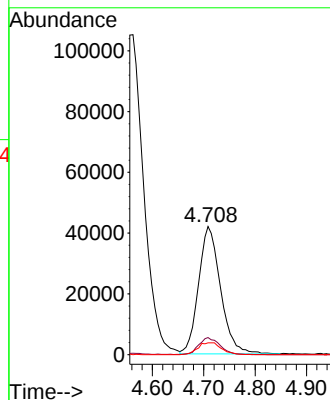
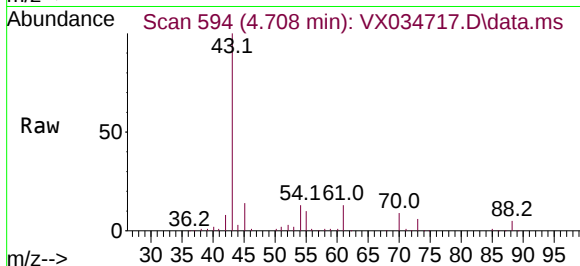
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	10.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#38

Carbon Tetrachloride

Concen: 20.904 ug/l

RT: 5.678 min Scan# 753

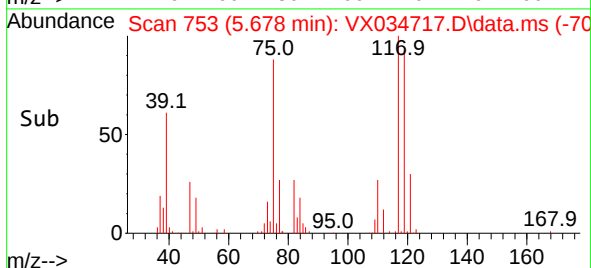
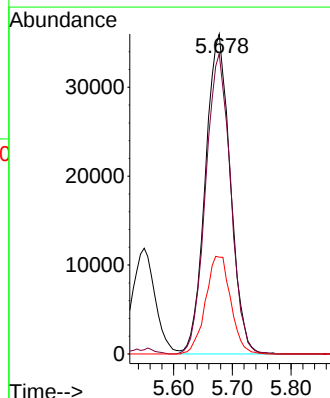
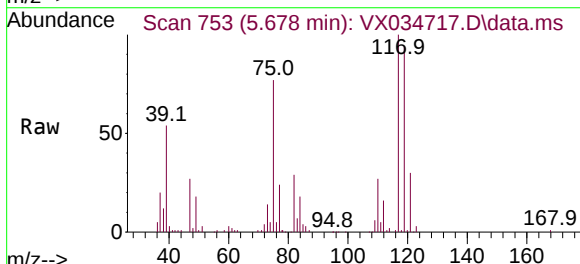
Delta R.T. 0.006 min

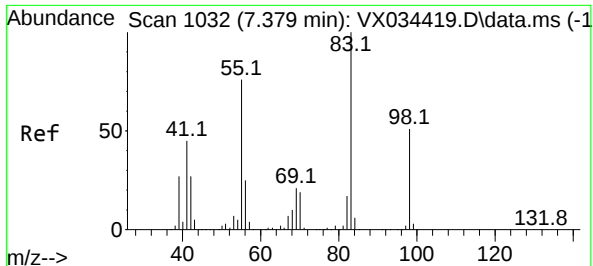
Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Tgt Ion:117 Resp: 105862

Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.6	114.8
121	30.3	23.8	35.6





#39

Methylcyclohexane

Concen: 19.259 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 83 Resp: 117320

Ion Ratio Lower Upper

83 100

55 83.5 60.5 90.7

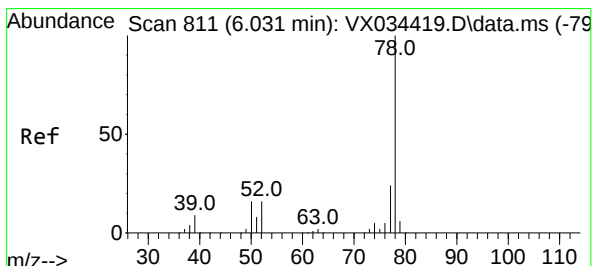
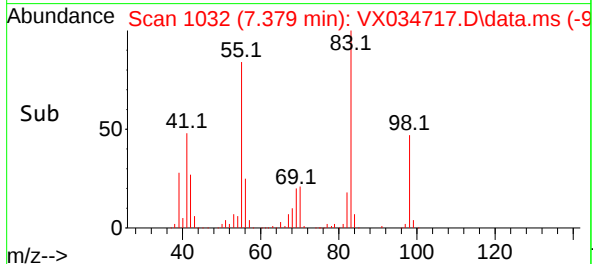
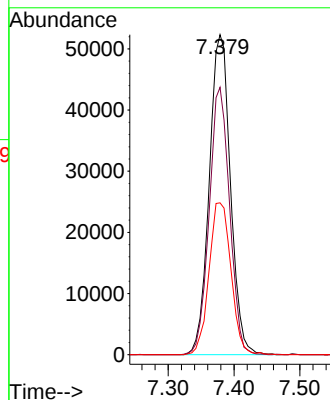
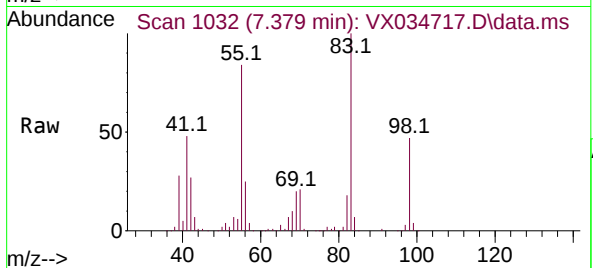
98 47.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Benzene

Concen: 20.643 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034717.D

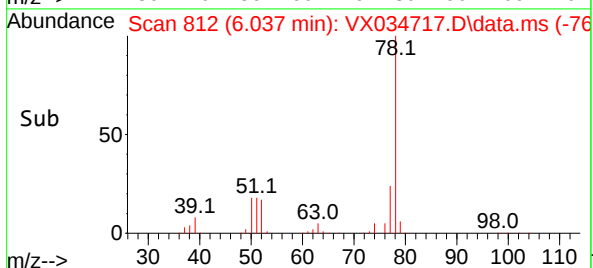
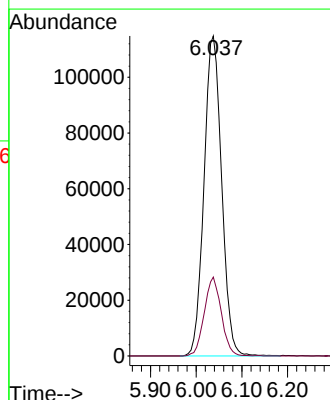
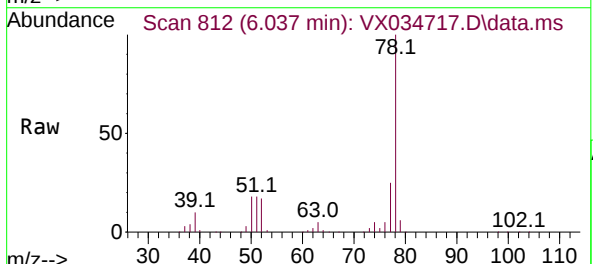
Acq: 24 Mar 2023 13:46

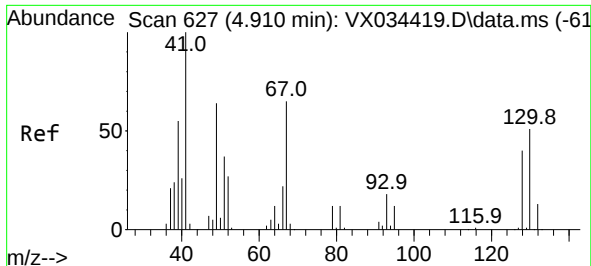
Tgt Ion: 78 Resp: 307405

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.4





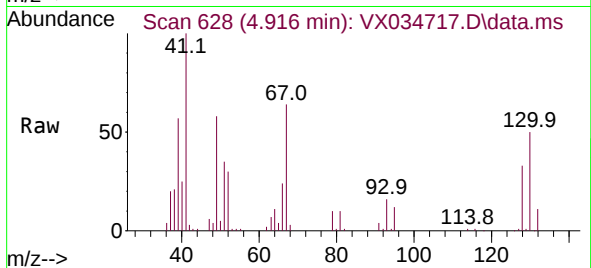
#41
Methacrylonitrile
Concen: 22.814 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01



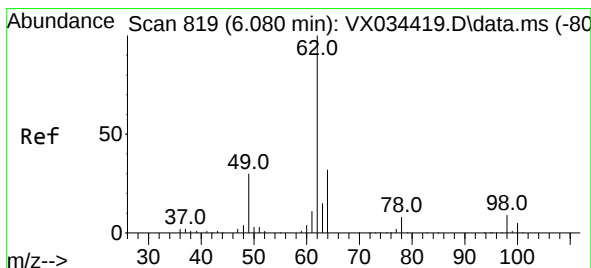
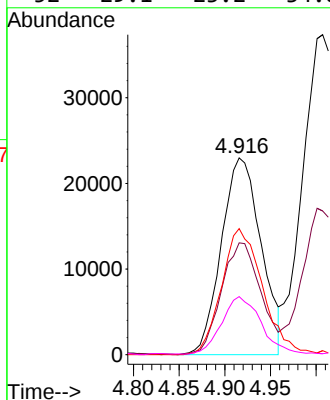
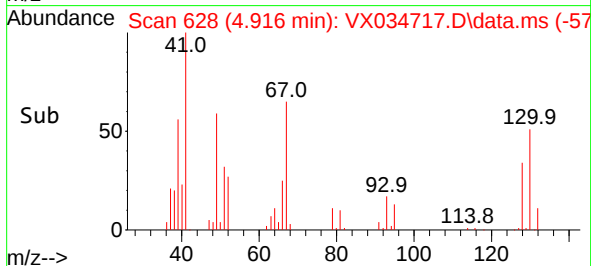
Tgt Ion:	41	Resp:	6953
Ion Ratio	100	Lower	Upper
39	56.2	45.0	67.6
67	66.0	55.6	83.4
52	29.1	23.2	34.8

Manual Integrations

APPROVED

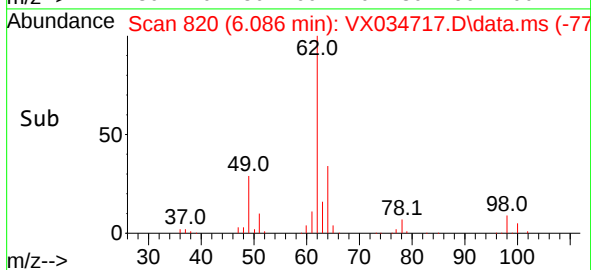
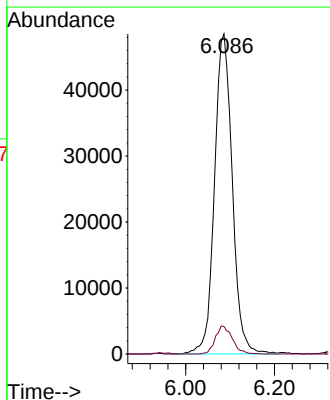
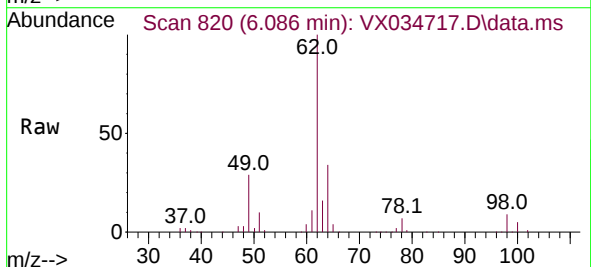
Reviewed By :John Carlone 03/27/2023

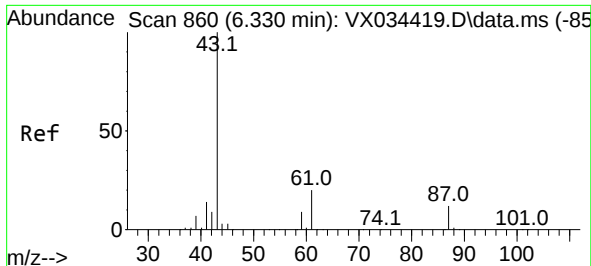
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
1,2-Dichloroethane
Concen: 24.570 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion:	62	Resp:	134472
Ion Ratio	100	Lower	Upper
98	8.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 22.003 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

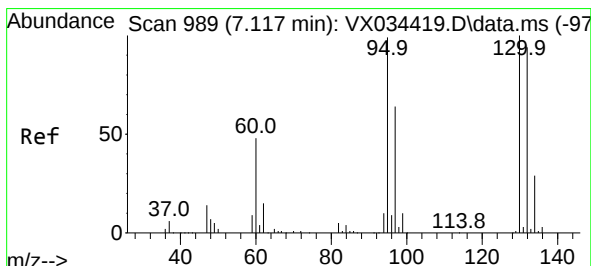
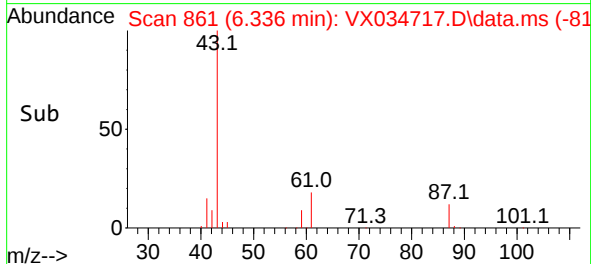
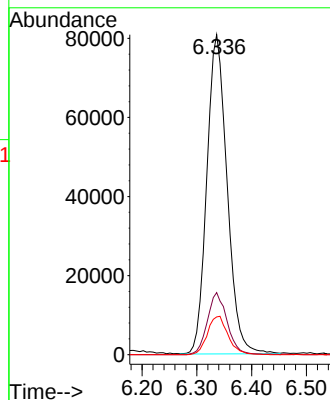
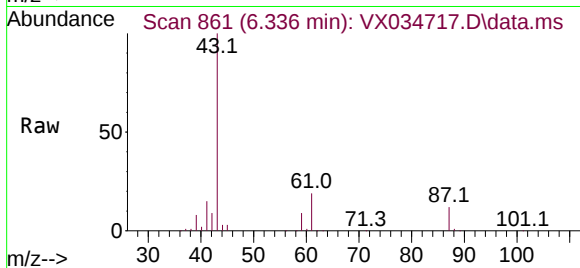
Tgt Ion: 43	Resp: 207294
Ion Ratio	Lower Upper
43 100	
61 19.0	15.2 22.8
87 12.2	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#44

Trichloroethene

Concen: 20.252 ug/l

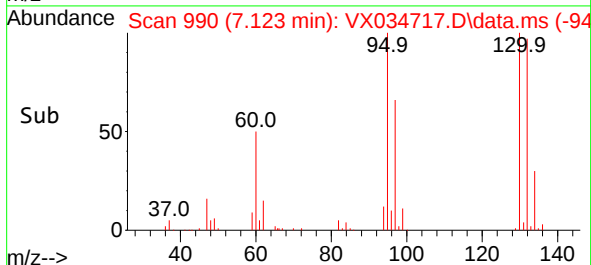
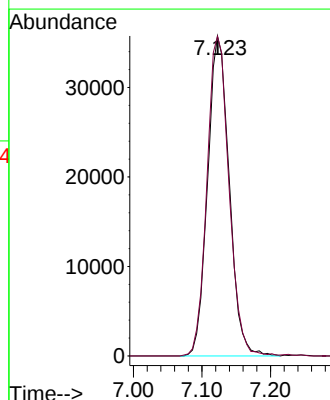
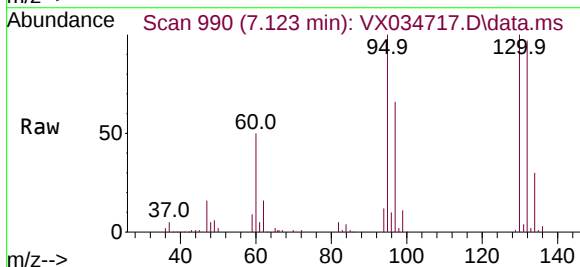
RT: 7.123 min Scan# 990

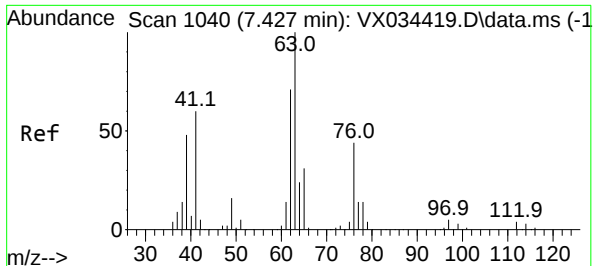
Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Tgt Ion:130	Resp: 78361
Ion Ratio	Lower Upper
130 100	
95 99.9	0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.353 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 63 Resp: 83028

Ion Ratio Lower Upper

63 100

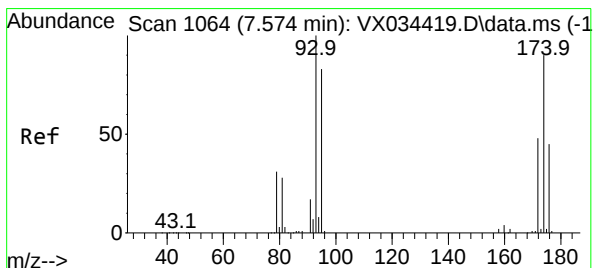
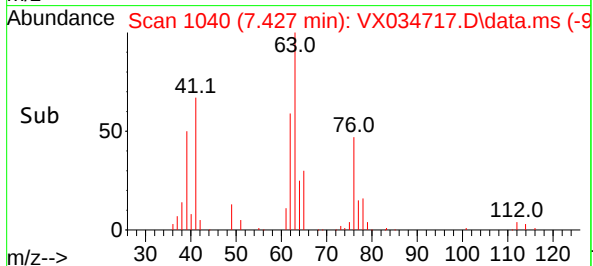
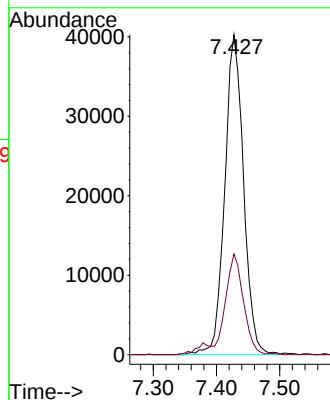
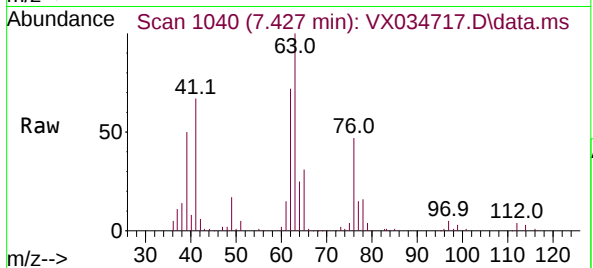
65 31.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Dibromomethane

Concen: 21.989 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

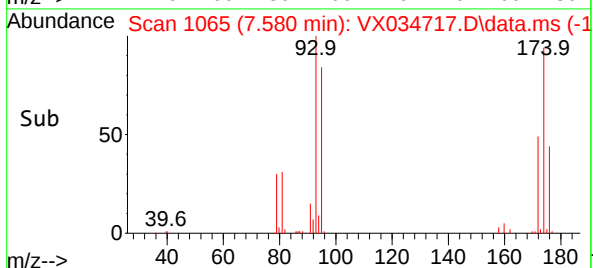
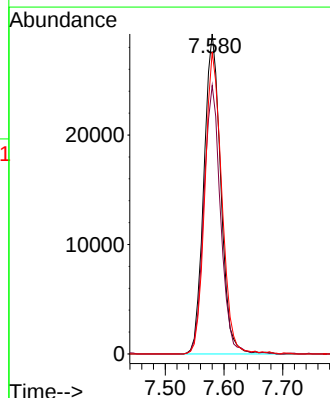
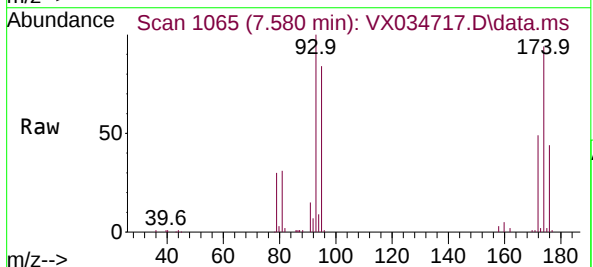
Tgt Ion: 93 Resp: 58128

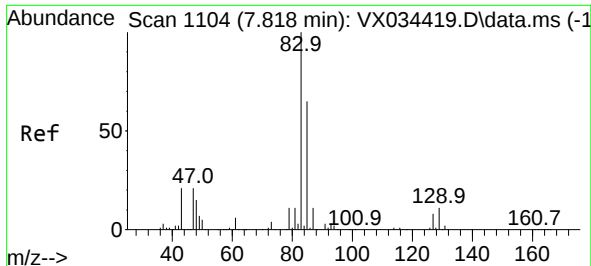
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

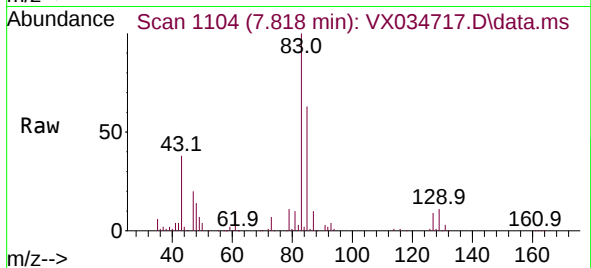
174 94.7 75.4 113.0





#47
Bromodichloromethane
Concen: 22.014 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

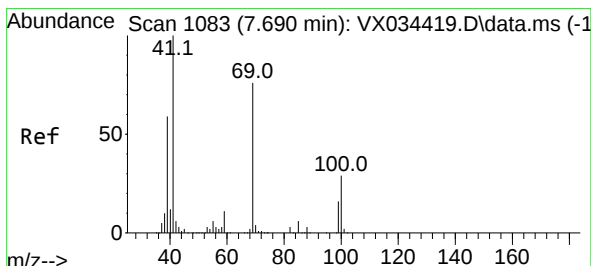
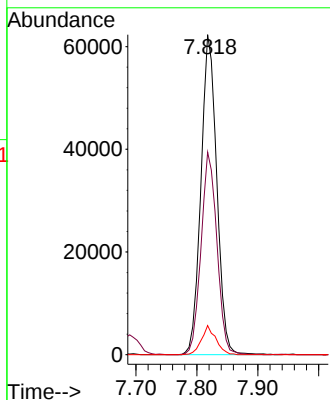
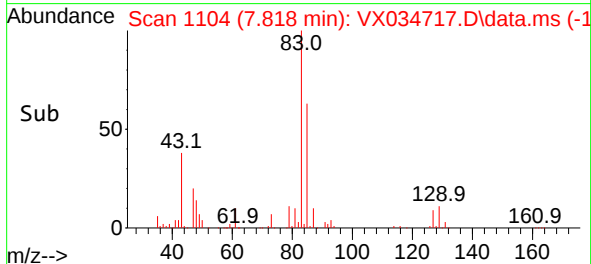
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion: 83 Resp: 112629
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4
127 9.1 6.6 9.8

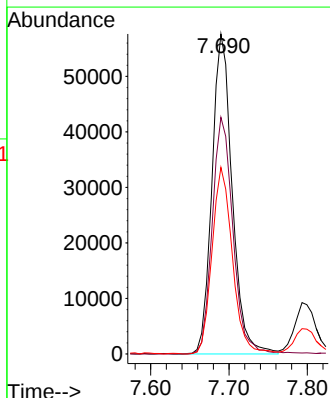
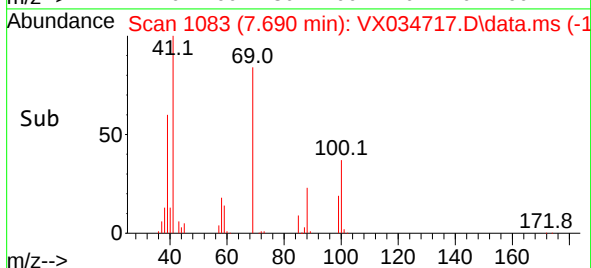
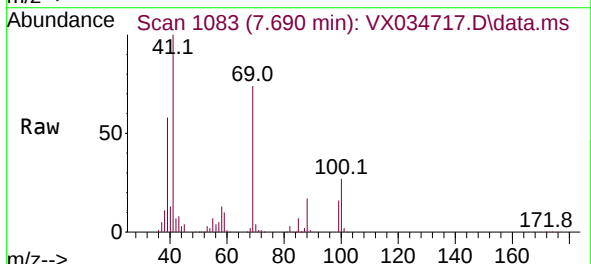
Manual Integrations
APPROVED

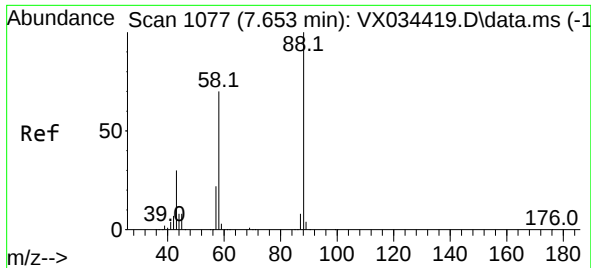
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
Methyl methacrylate
Concen: 22.839 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

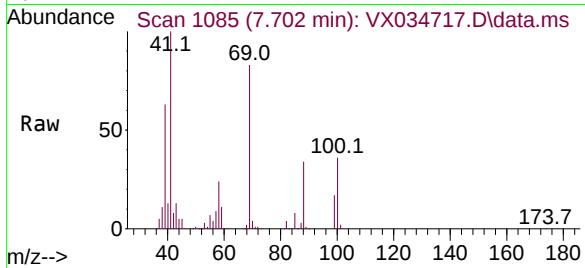
Tgt Ion: 41 Resp: 103486
Ion Ratio Lower Upper
41 100
69 76.2 62.2 93.4
39 58.8 47.7 71.5





#49
1,4-Dioxane
Concen: 461.447 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.049 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

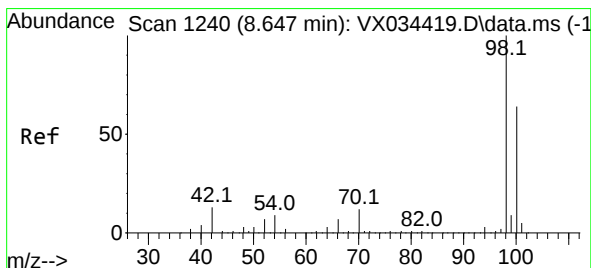
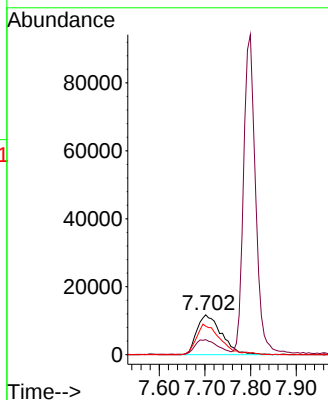
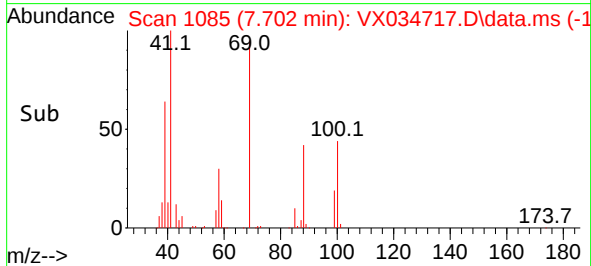
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion: 88 Resp: 43910
Ion Ratio Lower Upper
88 100
43 33.6 27.7 41.5
58 71.7 56.8 85.2

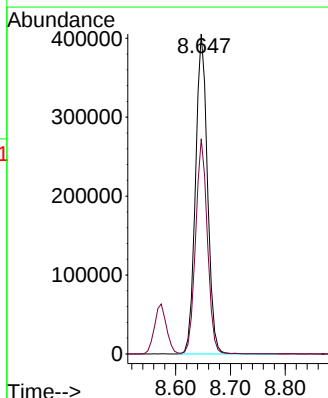
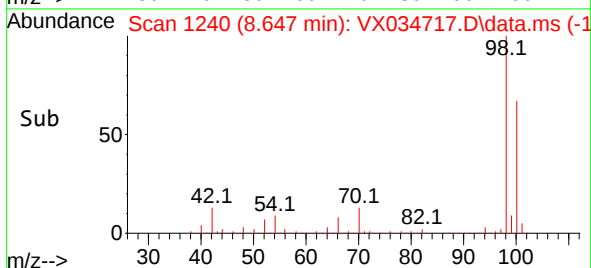
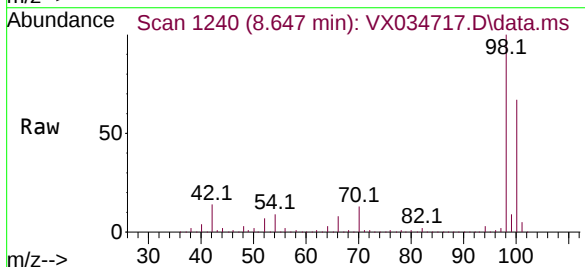
Manual Integrations
APPROVED

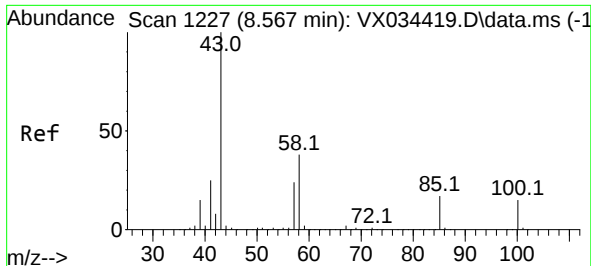
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#50
Toluene-d8
Concen: 49.823 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

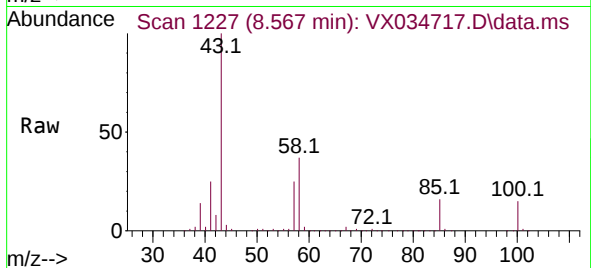
Tgt Ion: 98 Resp: 616438
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 114.576 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

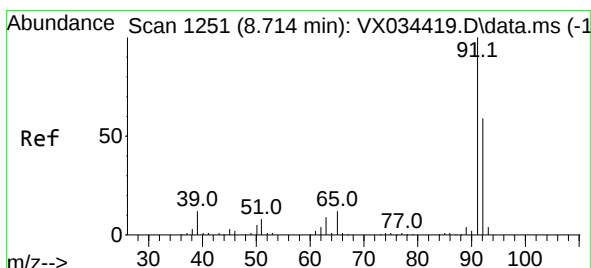
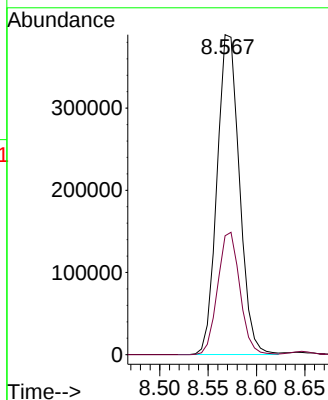
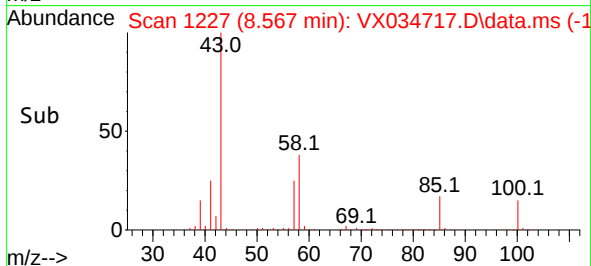
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion: 43 Resp: 626190
Ion Ratio Lower Upper
43 100
58 38.0 30.6 46.0

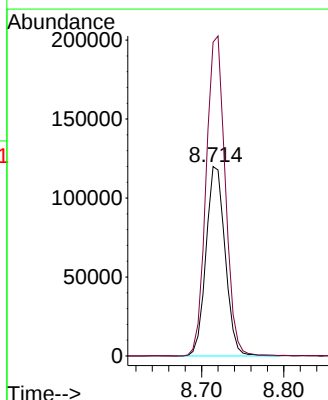
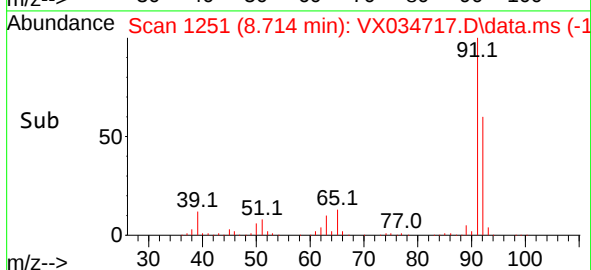
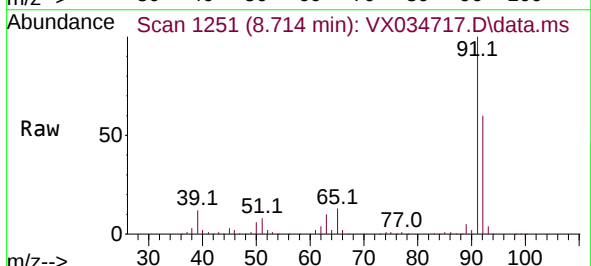
Manual Integrations
APPROVED

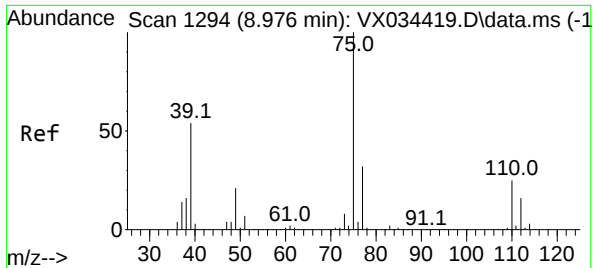
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#52
Toluene
Concen: 20.992 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 92 Resp: 193540
Ion Ratio Lower Upper
92 100
91 169.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.852 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 75 Resp: 120188

Ion Ratio Lower Upper

75 100

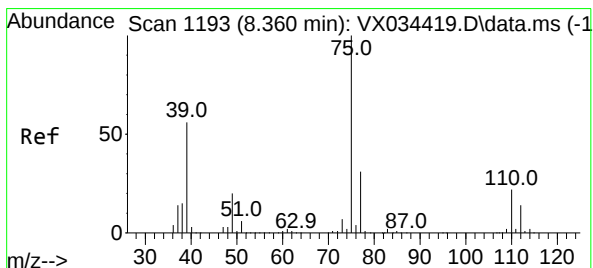
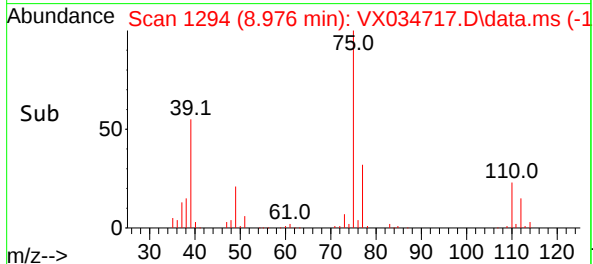
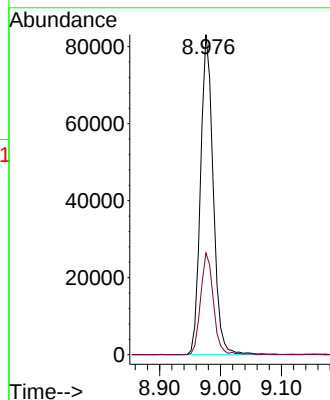
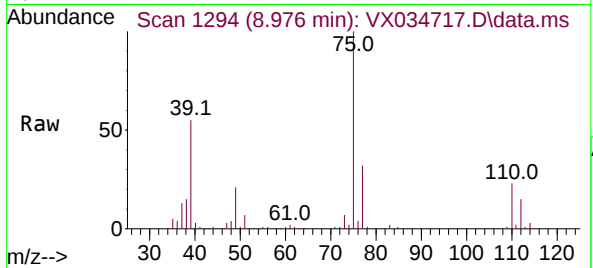
77 31.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#54

cis-1,3-Dichloropropene

Concen: 20.974 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

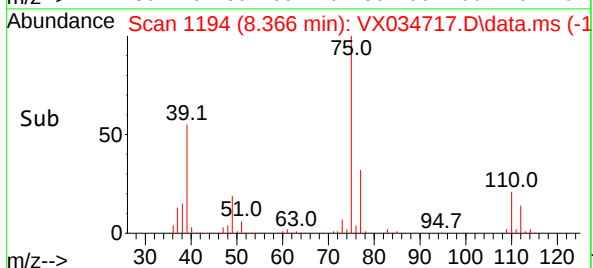
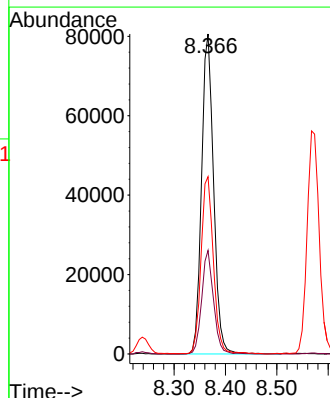
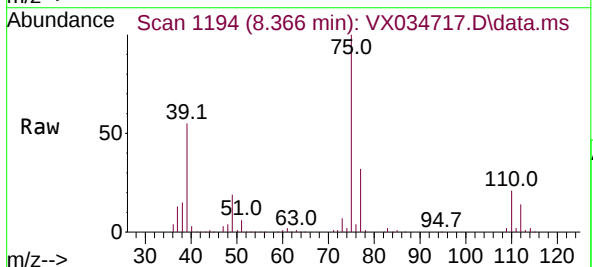
Tgt Ion: 75 Resp: 130790

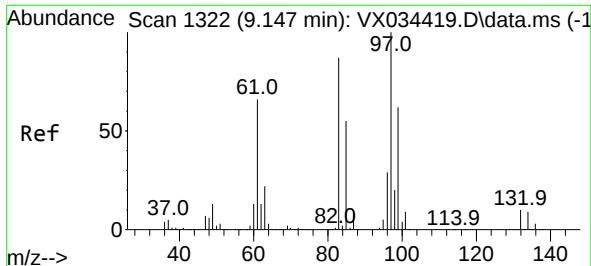
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

39 55.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 22.623 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

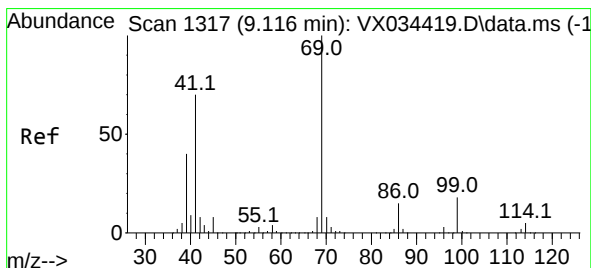
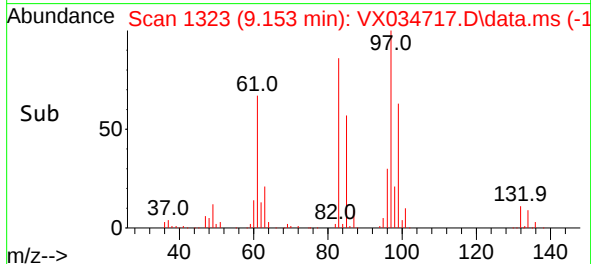
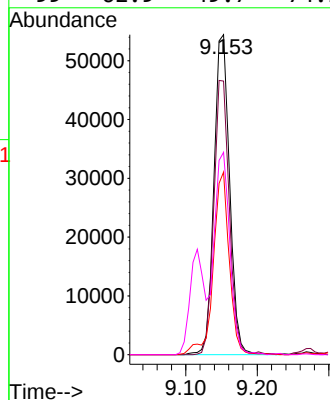
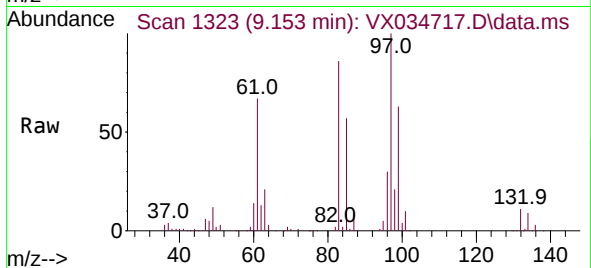
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.7	104.5
85	57.0	43.7	65.5
99	62.9	49.7	74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#56

Ethyl methacrylate

Concen: 22.206 ug/l

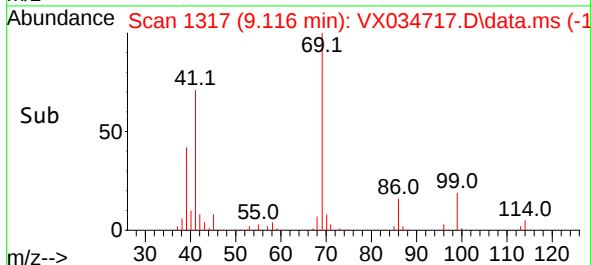
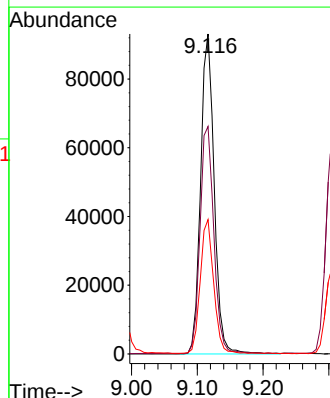
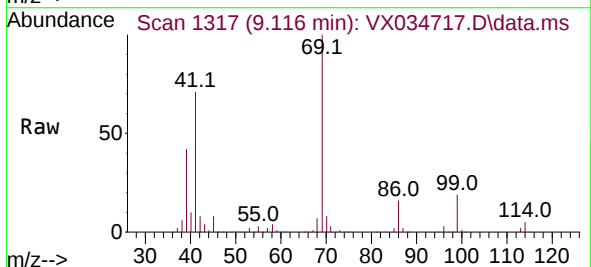
RT: 9.116 min Scan# 1317

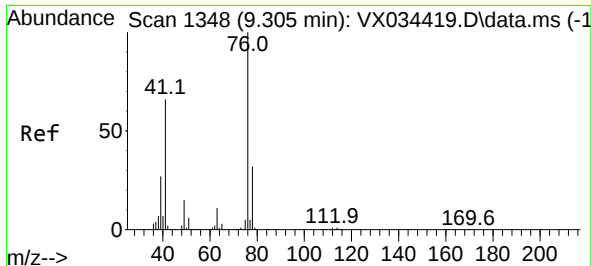
Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.4	86.0
39	41.2	33.7	50.5





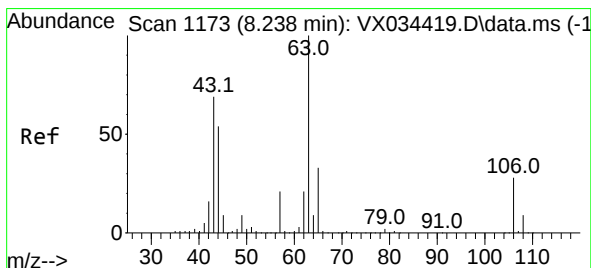
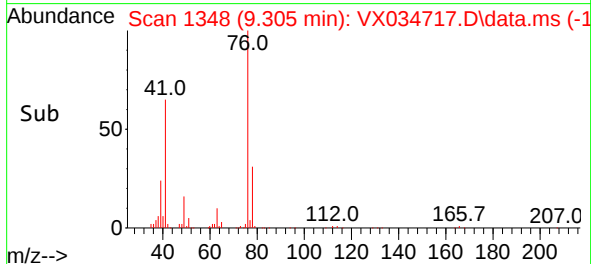
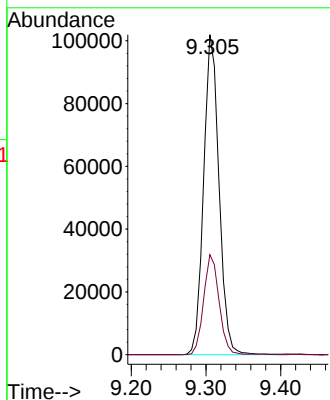
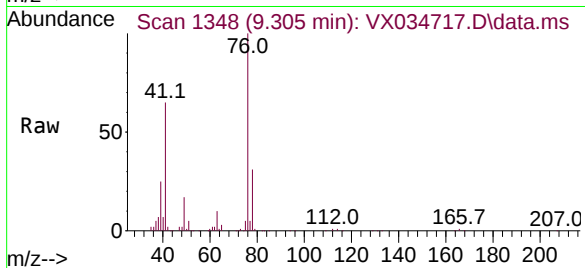
#57
1,3-Dichloropropane
Concen: 22.378 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion: 76 Resp: 145520
Ion Ratio Lower Upper
76 100
78 31.5 25.8 38.8

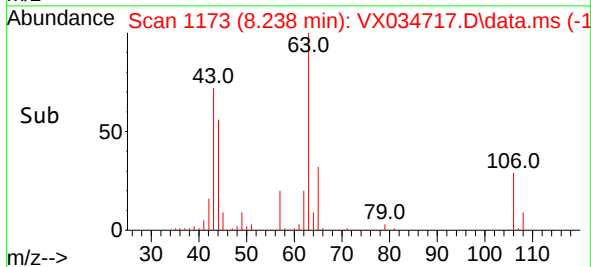
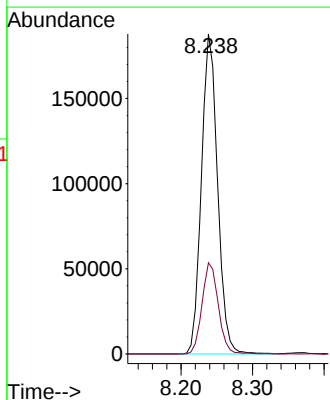
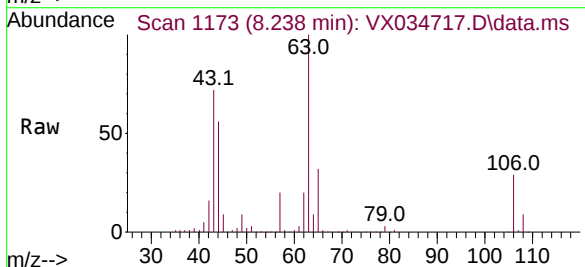
Manual Integrations
APPROVED

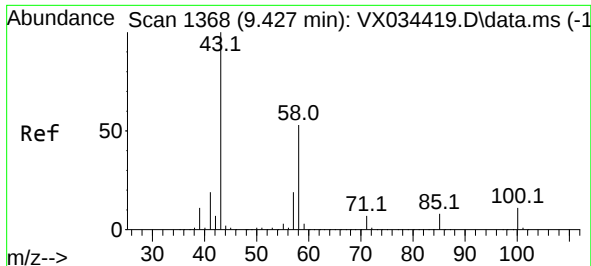
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
2-Chloroethyl Vinyl ether
Concen: 95.184 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 63 Resp: 294696
Ion Ratio Lower Upper
63 100
106 28.7 22.2 33.2





#59

2-Hexanone

Concen: 111.061 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 43 Resp: 469210

Ion Ratio Lower Upper

43 100

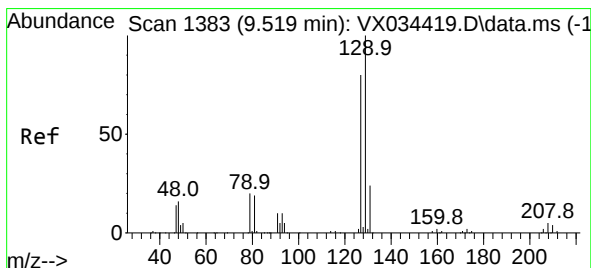
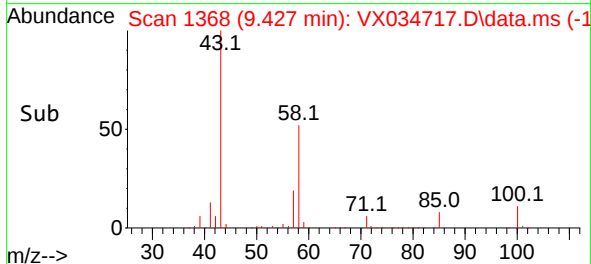
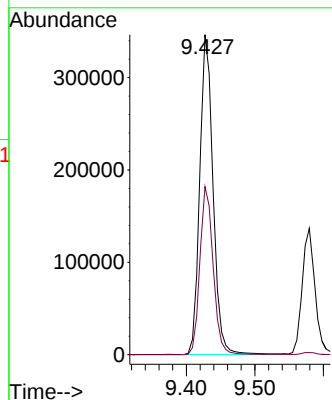
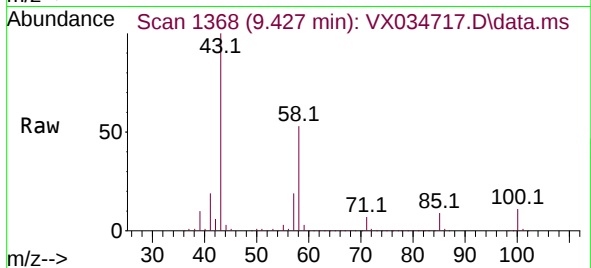
58 52.6 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#60

Dibromochloromethane

Concen: 21.127 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034717.D

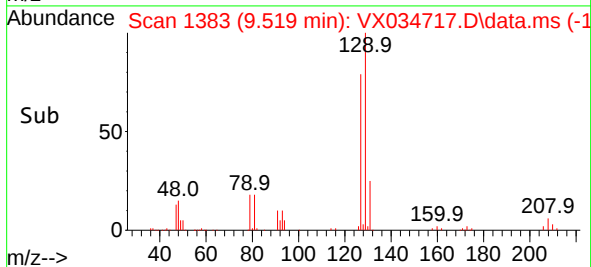
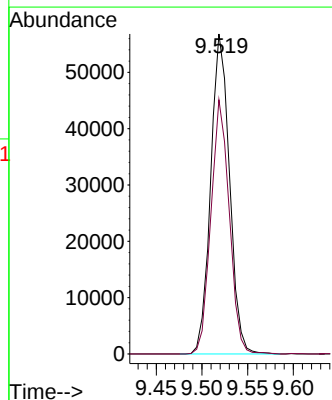
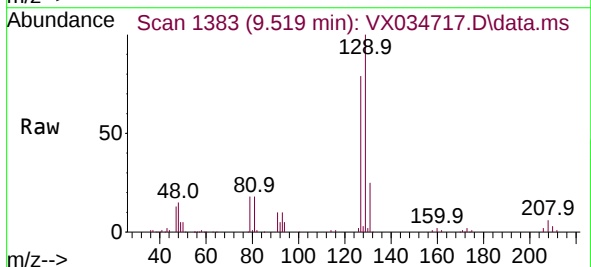
Acq: 24 Mar 2023 13:46

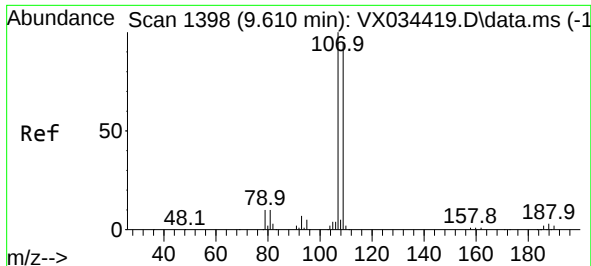
Tgt Ion:129 Resp: 81074

Ion Ratio Lower Upper

129 100

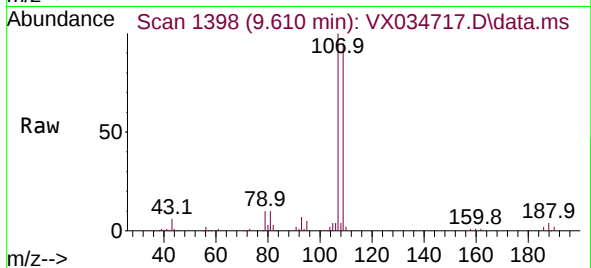
127 77.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 22.099 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

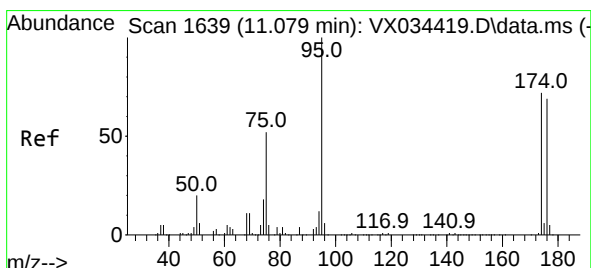
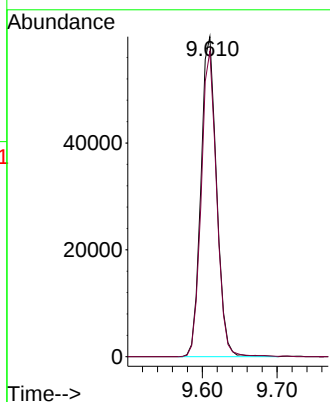
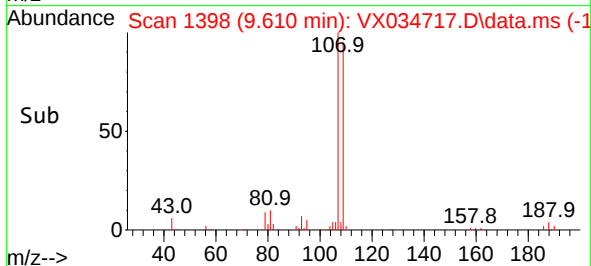
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



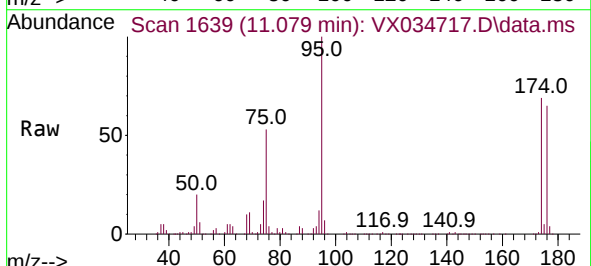
Tgt Ion:107 Resp: 87254
Ion Ratio Lower Upper
107 100
109 94.2 75.3 112.9

Manual Integrations
APPROVED

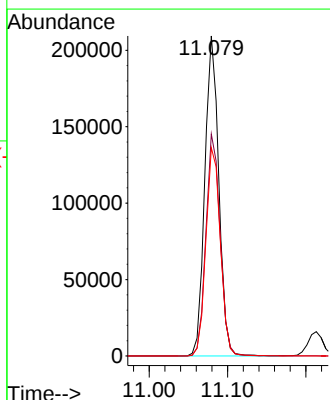
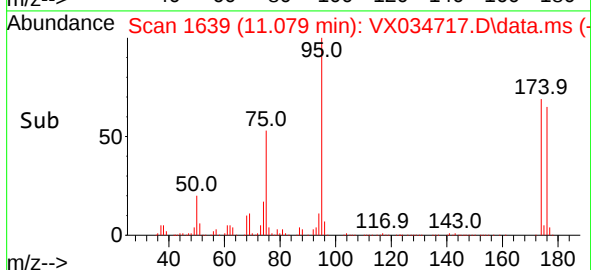
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

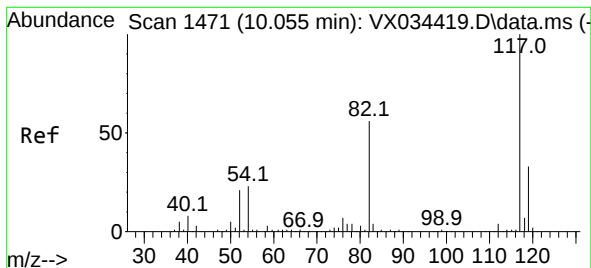


#62
4-Bromofluorobenzene
Concen: 51.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



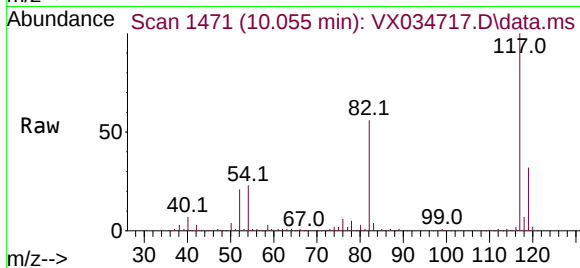
Tgt Ion: 95 Resp: 258535
Ion Ratio Lower Upper
95 100
174 70.6 0.0 147.4
176 67.3 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

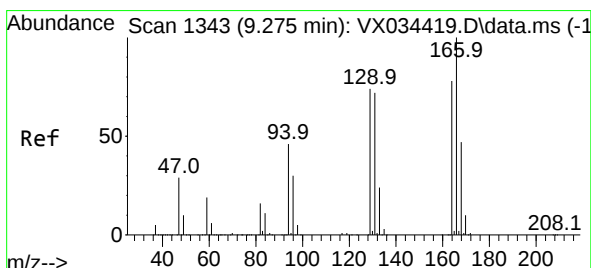
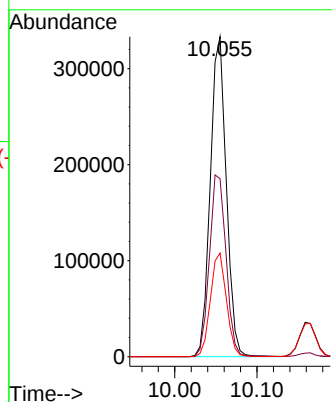
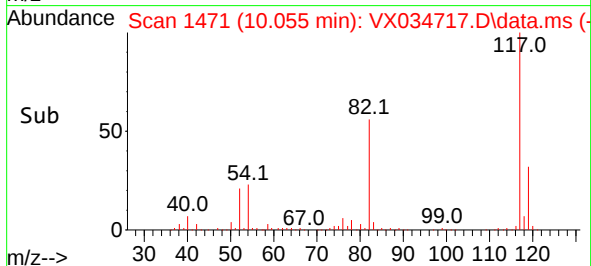
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion:117 Resp: 450375
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.3 26.0 39.0

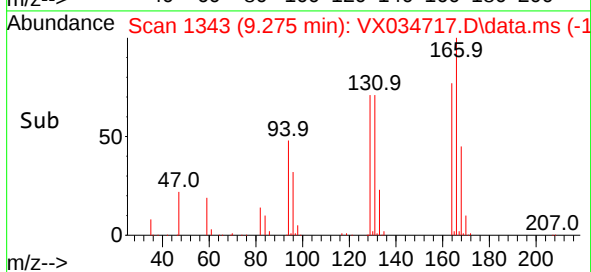
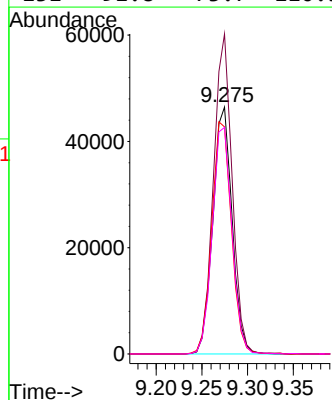
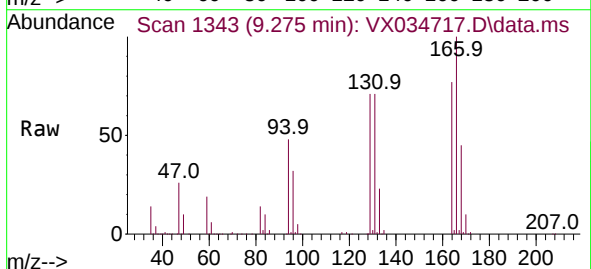
Manual Integrations
APPROVED

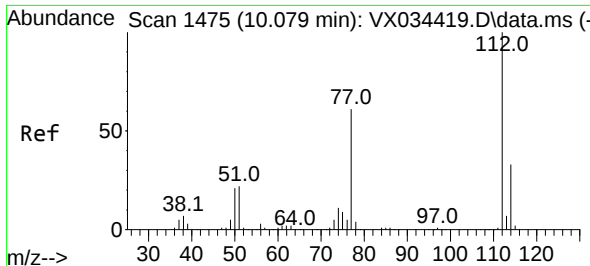
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#64
Tetrachloroethene
Concen: 22.424 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

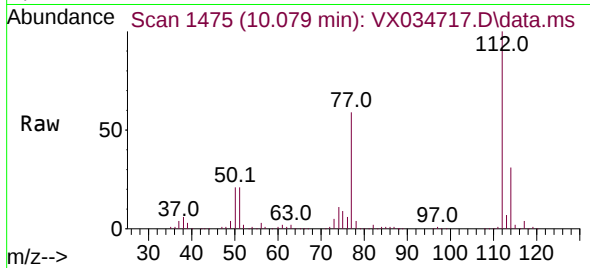
Tgt Ion:164 Resp: 67839
Ion Ratio Lower Upper
164 100
166 129.6 102.7 154.1
129 91.9 75.6 113.4
131 91.8 73.7 110.5





#65
Chlorobenzene
Concen: 21.143 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

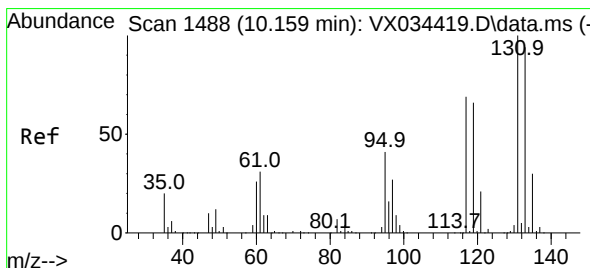
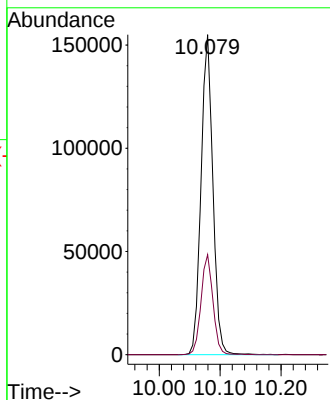
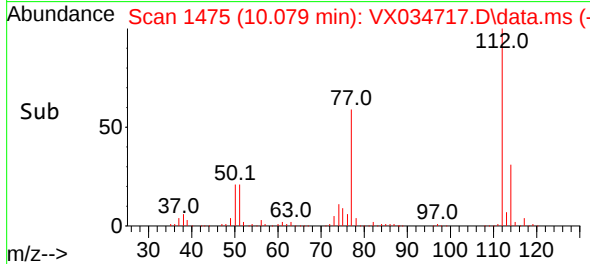
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



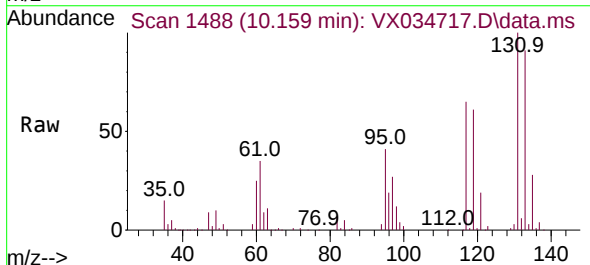
Tgt Ion:112 Resp: 20892
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

Manual Integrations
APPROVED

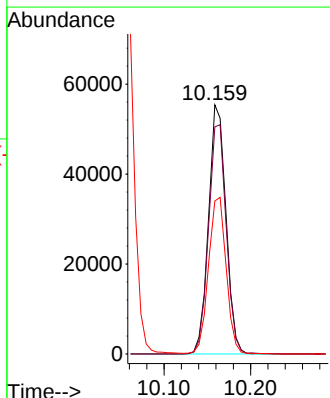
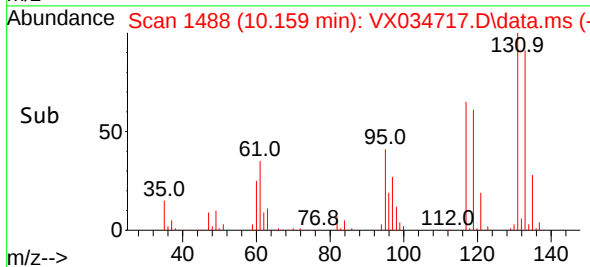
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

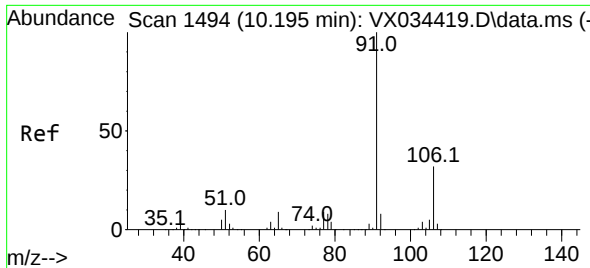


#66
1,1,1,2-Tetrachloroethane
Concen: 21.514 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



Tgt Ion:131 Resp: 77430
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 64.0 32.6 98.0





#67

Ethyl Benzene

Concen: 20.961 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion: 91 Resp: 370809

Ion Ratio Lower Upper

91 100

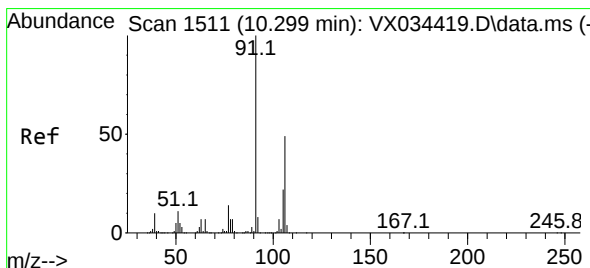
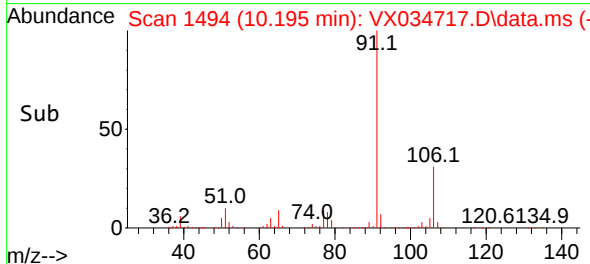
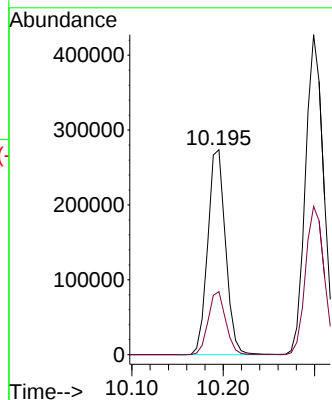
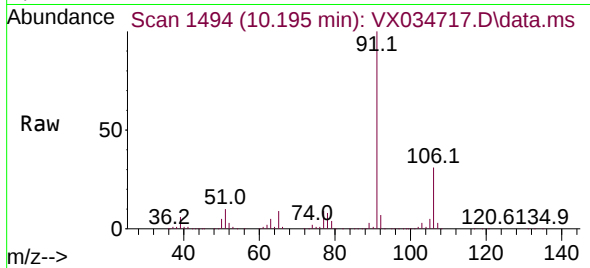
106 30.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#68

m/p-Xylenes

Concen: 41.509 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034717.D

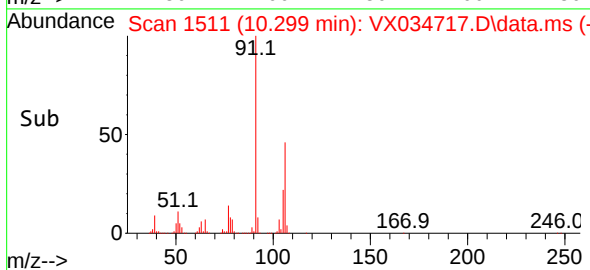
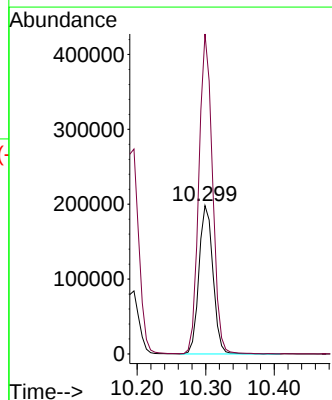
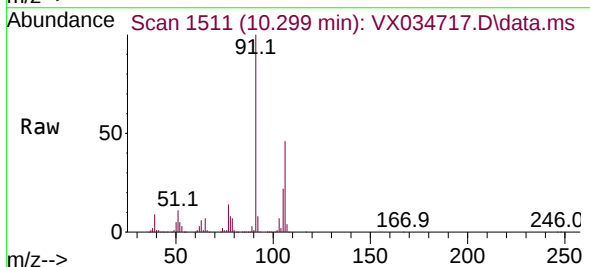
Acq: 24 Mar 2023 13:46

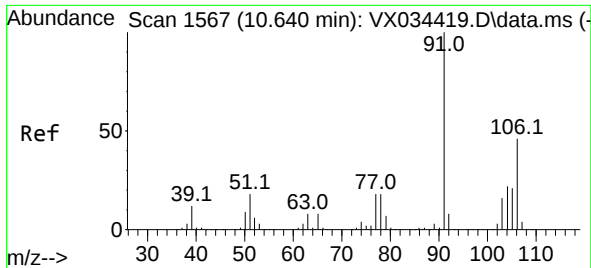
Tgt Ion:106 Resp: 282076

Ion Ratio Lower Upper

106 100

91 209.7 164.0 246.0





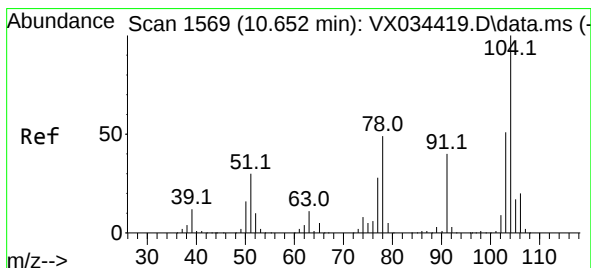
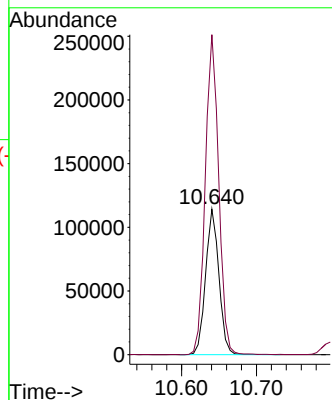
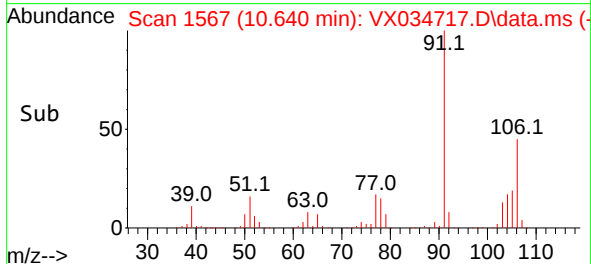
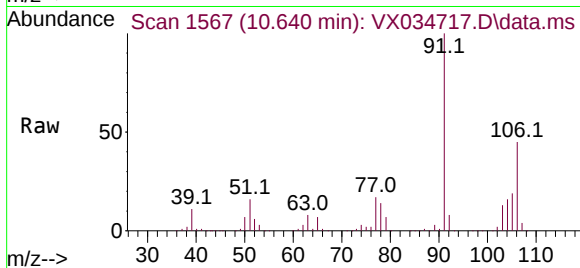
#69
o-Xylene
Concen: 20.688 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion:106 Resp: 14108
Ion Ratio Lower Upper
106 100
91 221.9 108.5 325.3

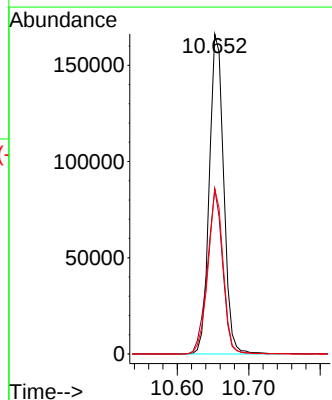
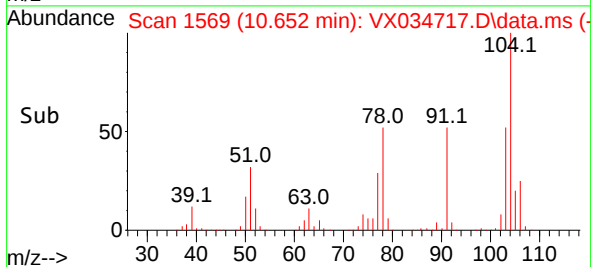
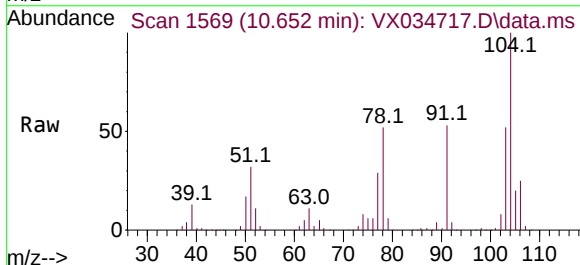
Manual Integrations
APPROVED

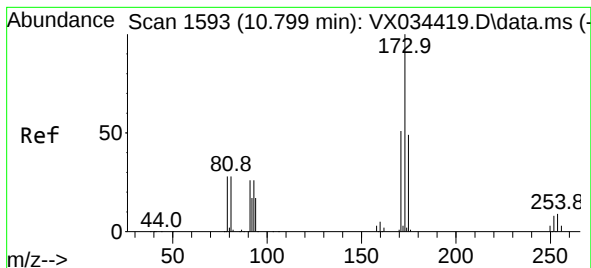
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#70
Styrene
Concen: 21.140 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion:104 Resp: 232600
Ion Ratio Lower Upper
104 100
78 54.7 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 19.505 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

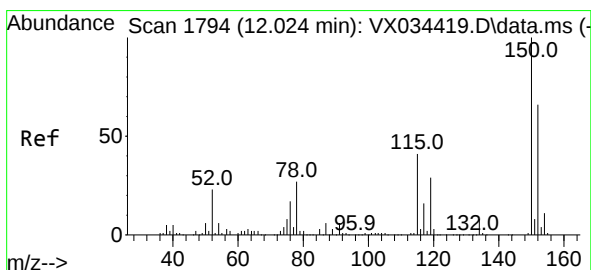
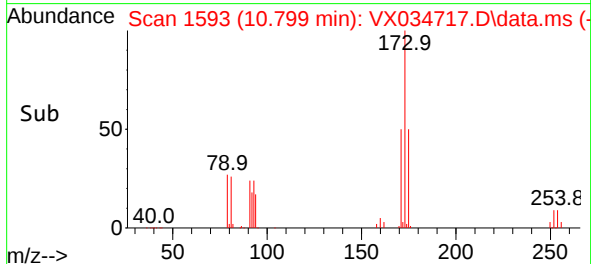
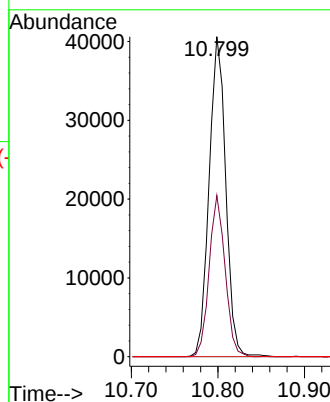
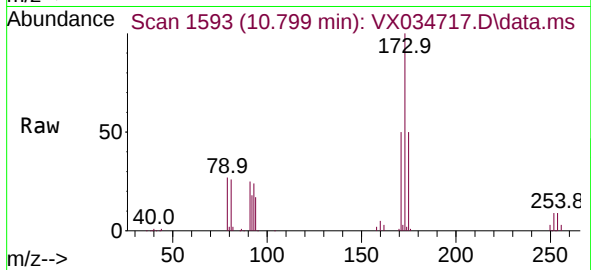
Tgt Ion:173	Resp:	5403
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

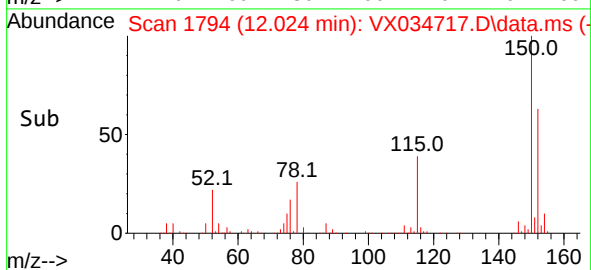
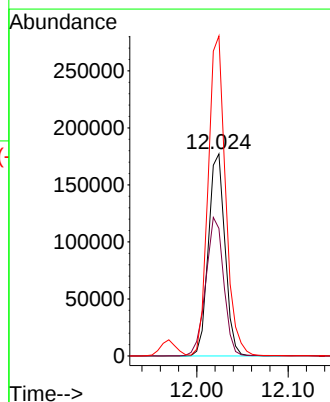
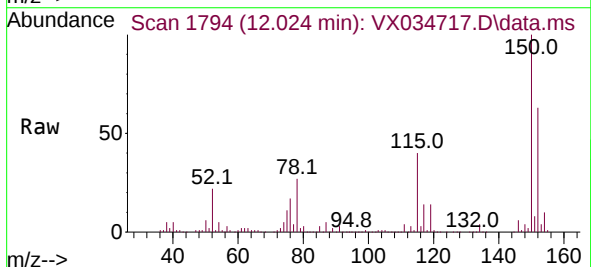
RT: 12.024 min Scan# 1794

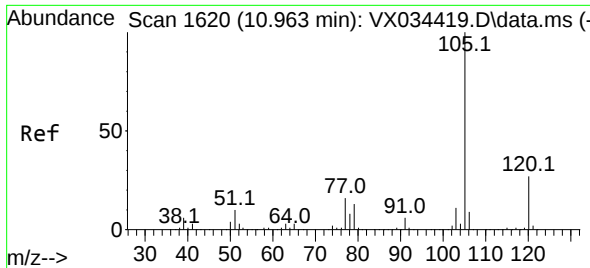
Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

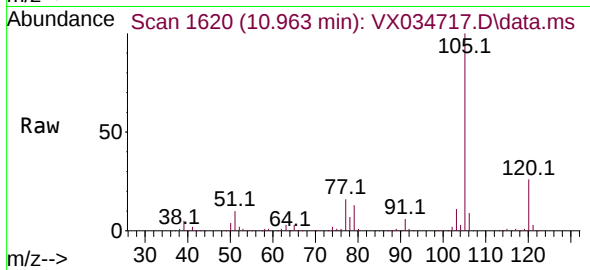
Tgt Ion:152	Resp:	222756
Ion Ratio	Lower	Upper
152	100	
115	74.3	45.0 135.0
150	165.9	0.0 352.4





#73
Isopropylbenzene
Concen: 21.251 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

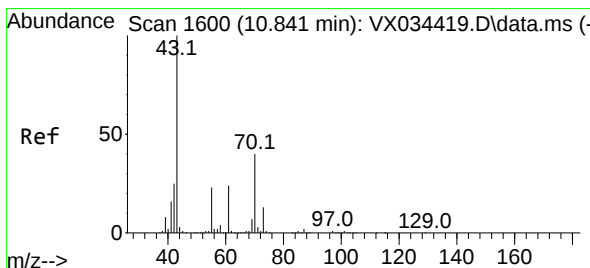
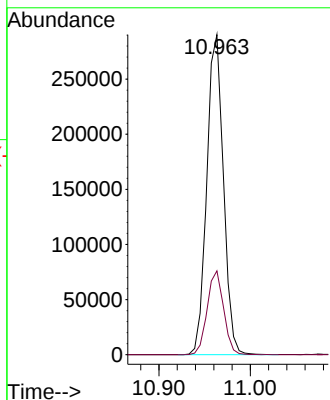
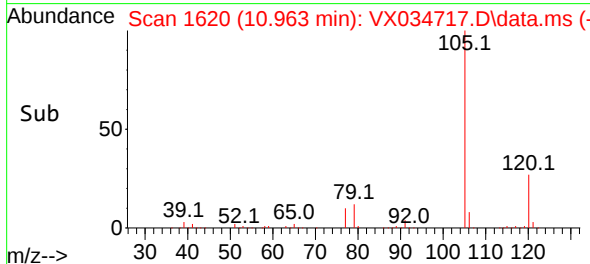
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



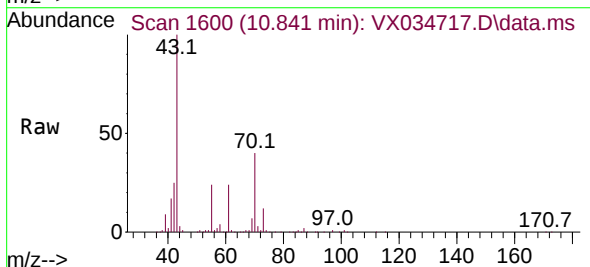
Tgt Ion:105 Resp: 36585
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

Manual Integrations
APPROVED

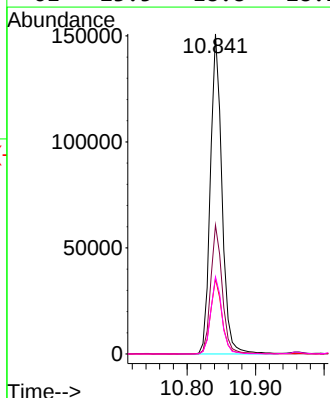
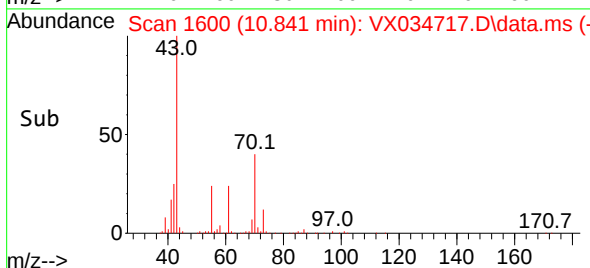
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

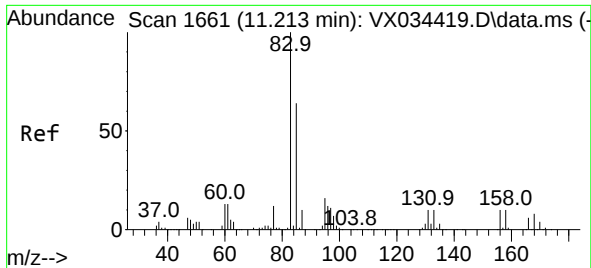


#74
N-ethyl acetate
Concen: 21.501 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



Tgt Ion: 43 Resp: 177301
Ion Ratio Lower Upper
43 100
70 40.3 32.1 48.1
55 23.4 18.3 27.5
61 23.5 18.8 28.2





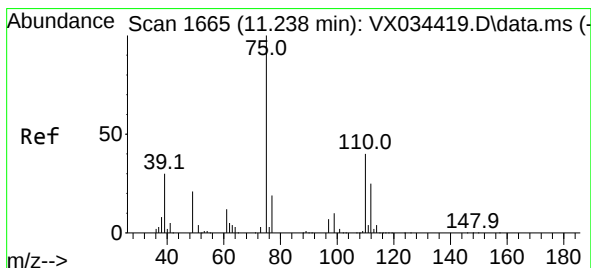
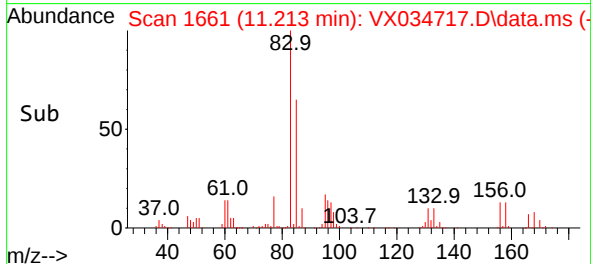
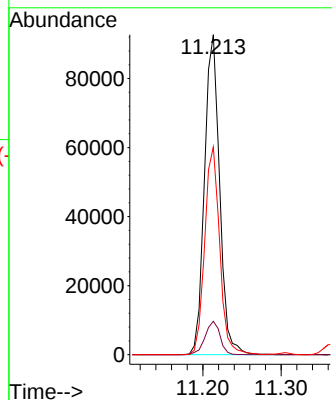
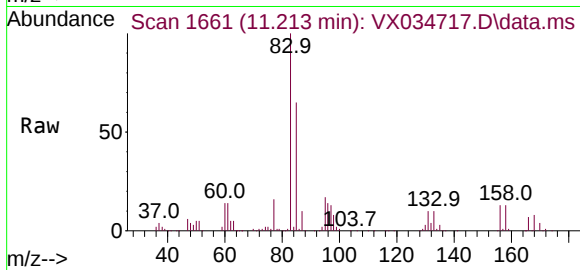
#75
1,1,2,2-Tetrachloroethane
Concen: 21.608 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion: 83 Resp: 12413
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 64.4 32.0 96.0

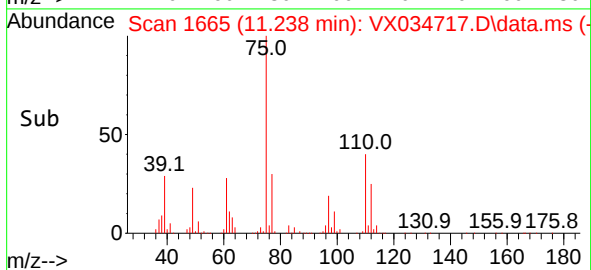
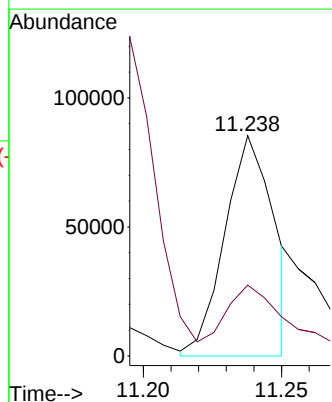
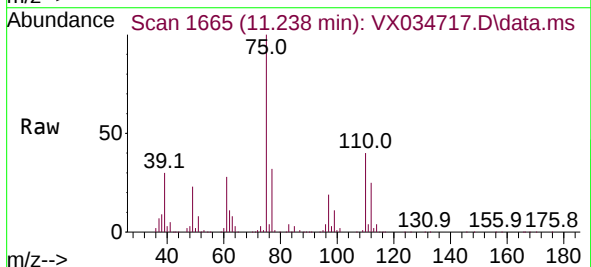
Manual Integrations
APPROVED

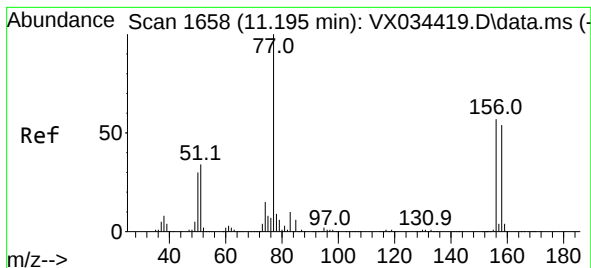
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,2,3-Trichloropropane
Concen: 20.610 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 75 Resp: 105414
Ion Ratio Lower Upper
75 100
77 42.2 21.6 64.8





#77

Bromobenzene

Concen: 21.397 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

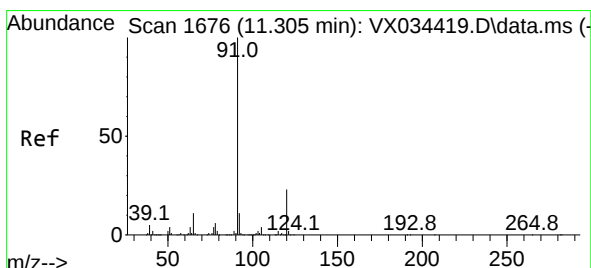
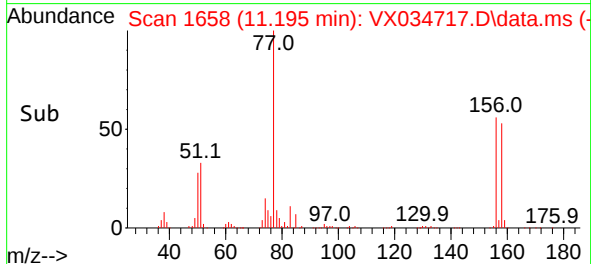
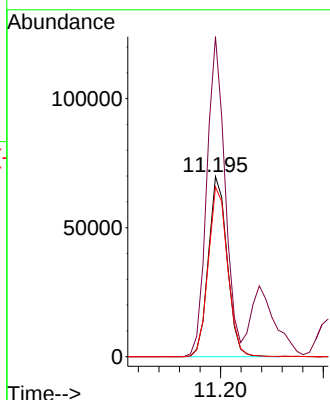
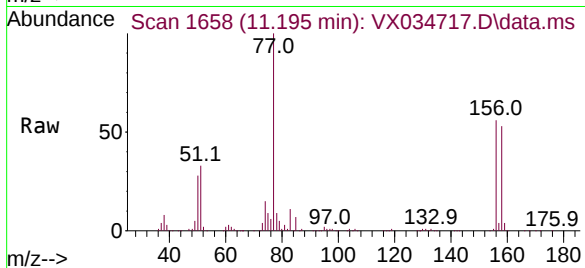
Tgt Ion:156 Resp: 8838
 Ion Ratio Lower Upper
 156 100
 77 172.9 86.7 259.9
 158 97.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#78

n-propylbenzene

Concen: 20.882 ug/l

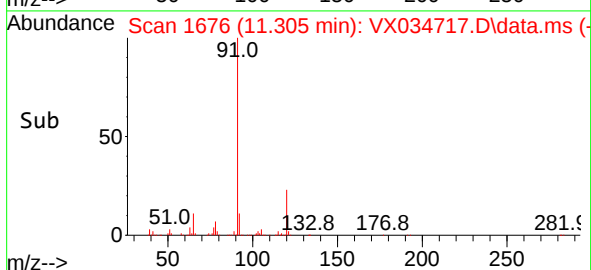
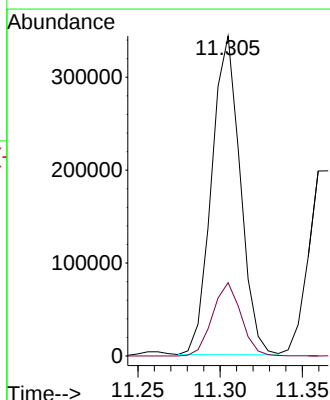
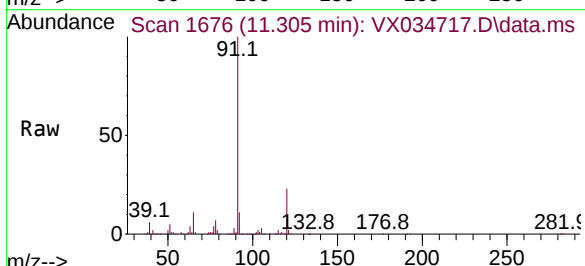
RT: 11.305 min Scan# 1676

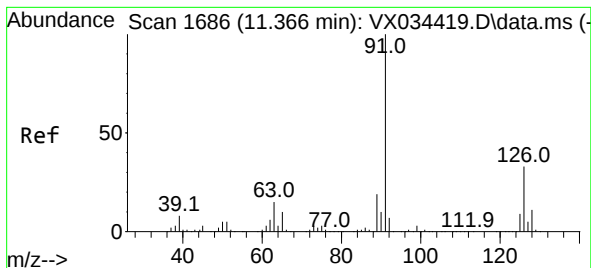
Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Tgt Ion: 91 Resp: 415195
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.5





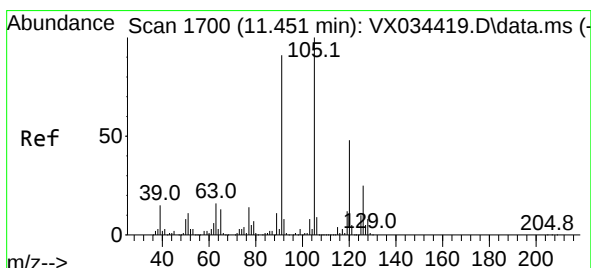
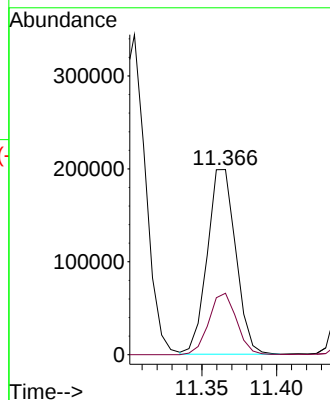
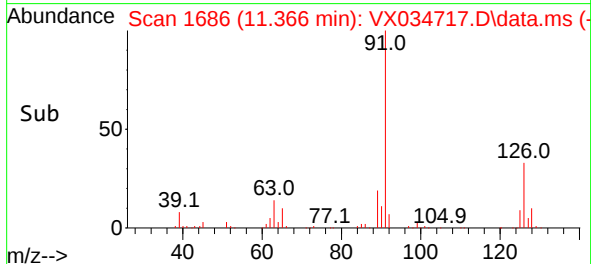
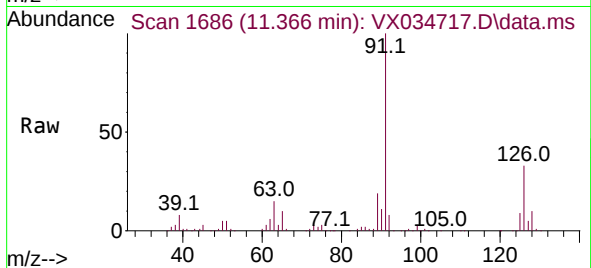
#79
2-Chlorotoluene
Concen: 21.476 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion: 91 Resp: 26372
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9

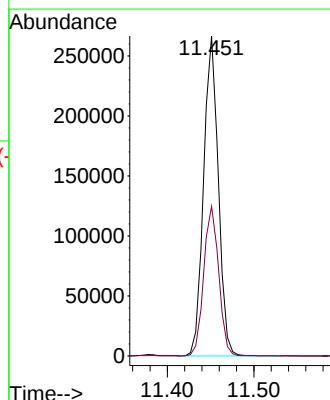
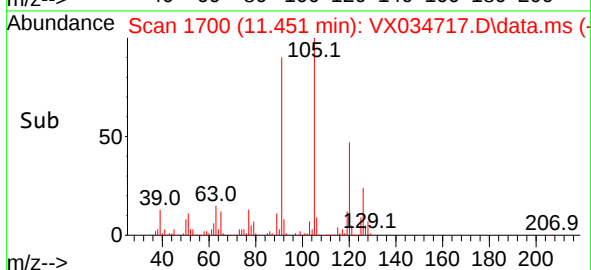
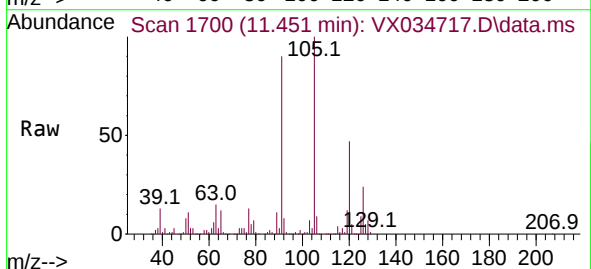
Manual Integrations
APPROVED

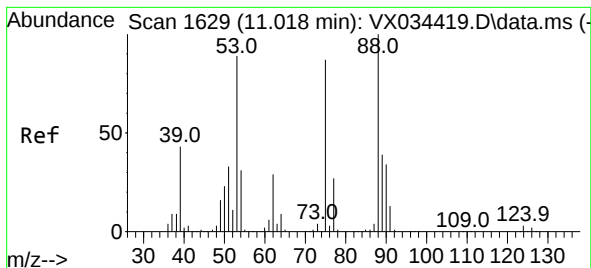
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.788 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion:105 Resp: 314633
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1





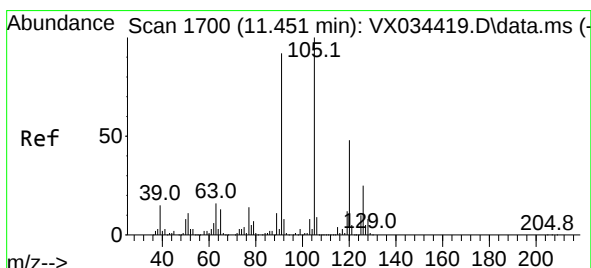
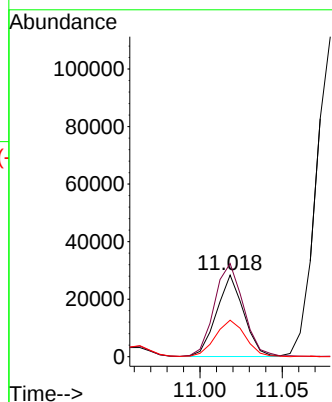
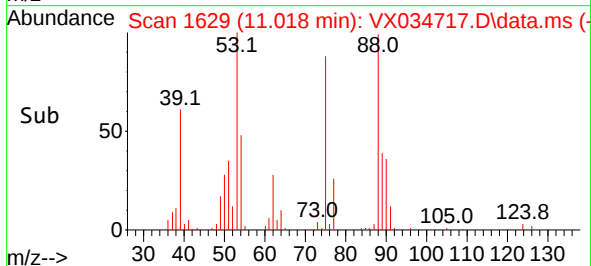
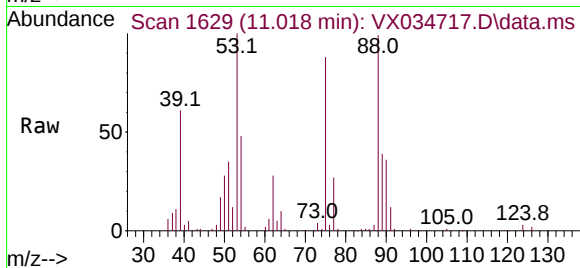
#81
trans-1,4-Dichloro-2-butene
Concen: 17.139 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tgt Ion: 75 Resp: 3240
Ion Ratio Lower Upper
75 100
53 124.6 82.6 124.0
89 49.6 36.9 55.3

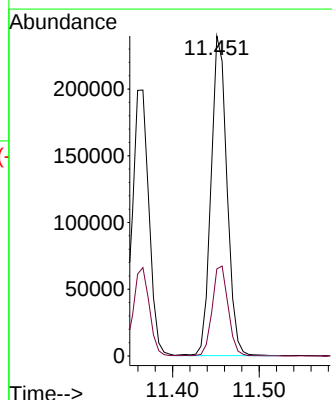
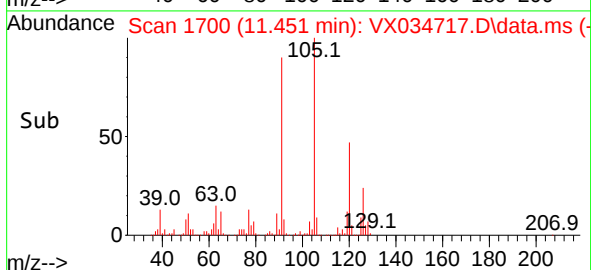
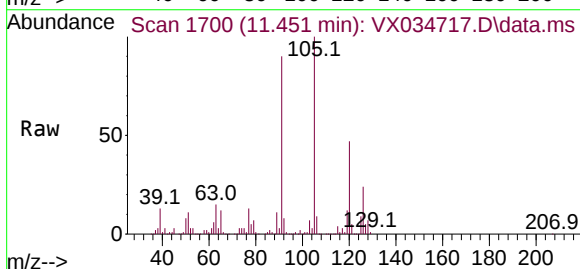
Manual Integrations
APPROVED

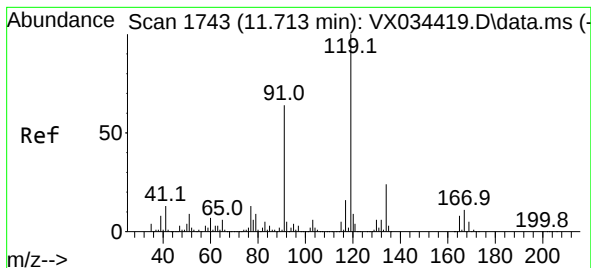
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#82
4-Chlorotoluene
Concen: 21.598 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 91 Resp: 305491
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.625 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tgt Ion:119 Resp: 30029

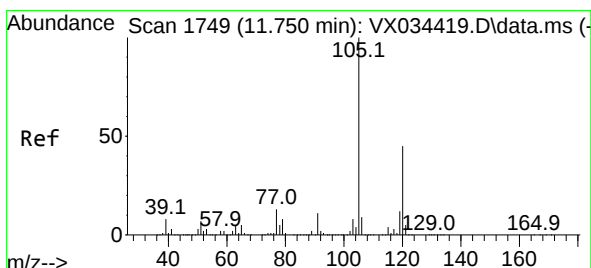
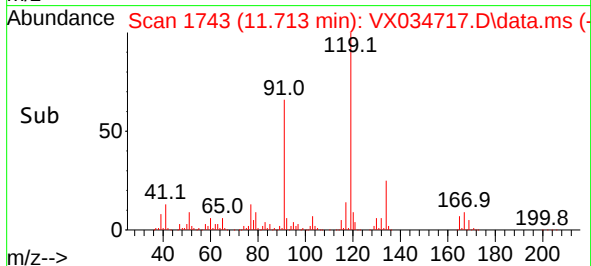
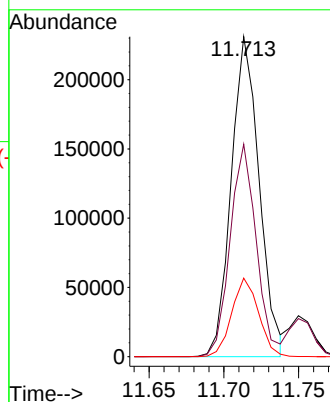
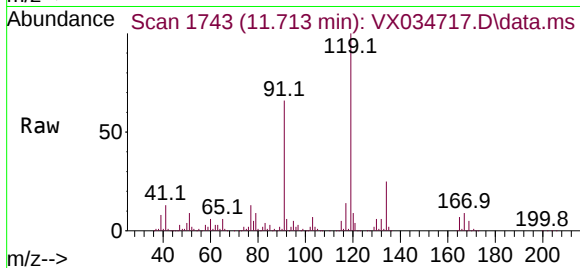
Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.6	92.0
134	23.6	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.342 ug/l

RT: 11.750 min Scan# 1749

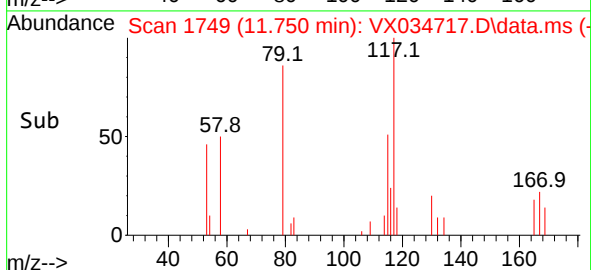
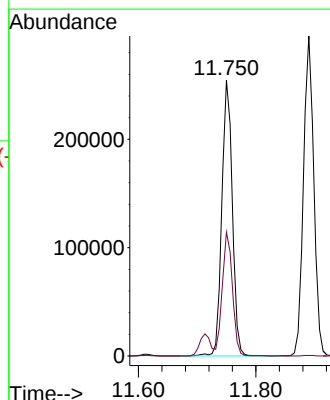
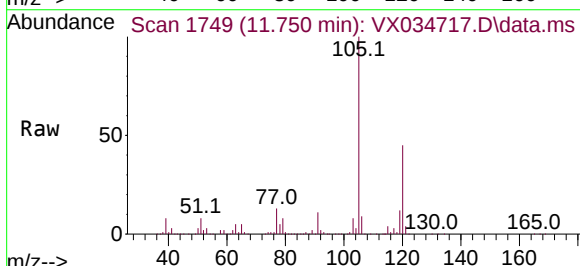
Delta R.T. 0.000 min

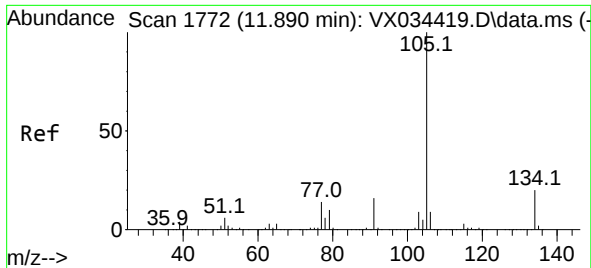
Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Tgt Ion:105 Resp: 314974

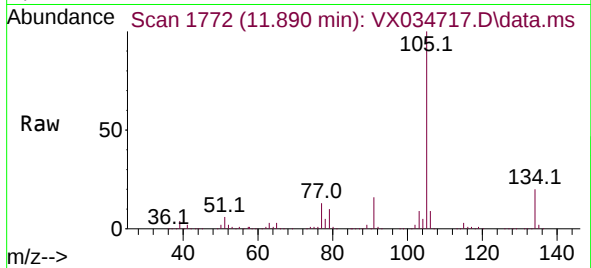
Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 20.298 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034717.D
 Acq: 24 Mar 2023 13:46

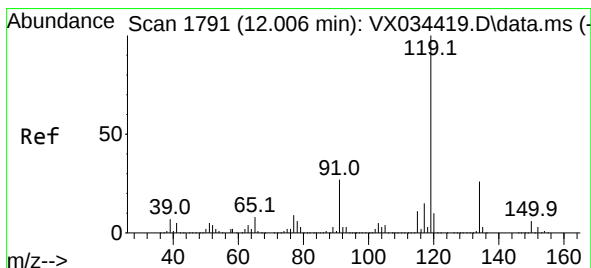
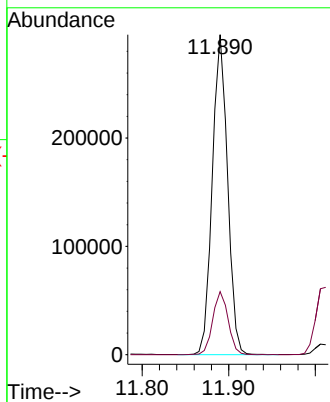
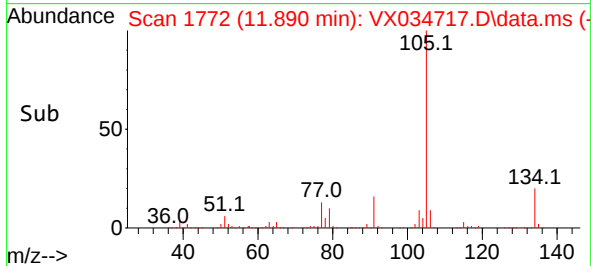
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01



Tgt Ion:105 Resp: 36130
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

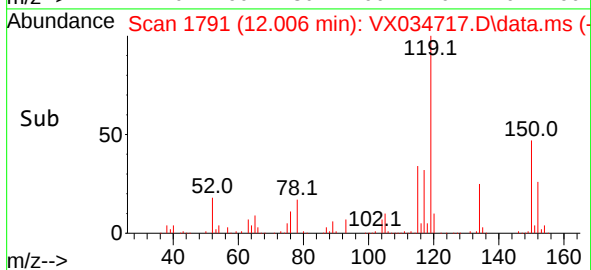
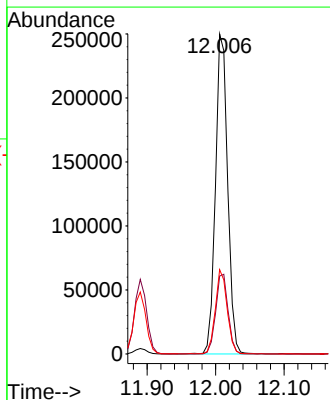
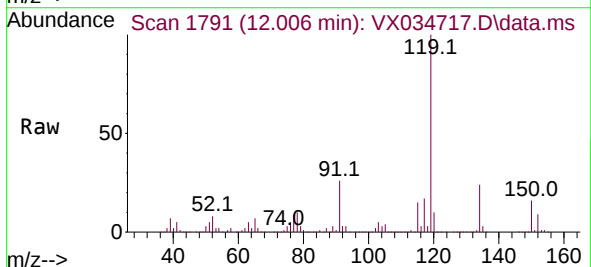
Manual Integrations
 APPROVED

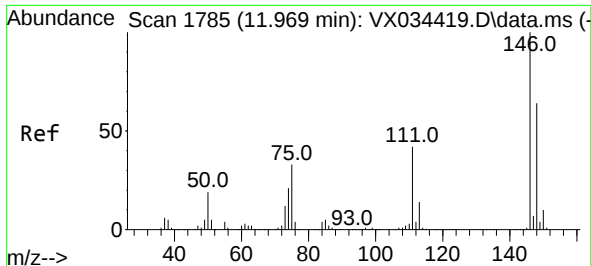
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#86
 p-Isopropyltoluene
 Concen: 20.616 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034717.D
 Acq: 24 Mar 2023 13:46

Tgt Ion:119 Resp: 308415
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.2 39.5
 91 25.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 20.224 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034717.D

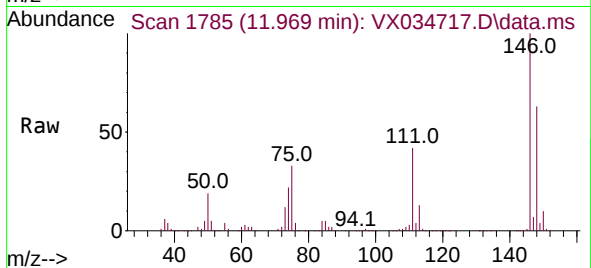
Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01



Tgt Ion:146 Resp: 163680

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.8

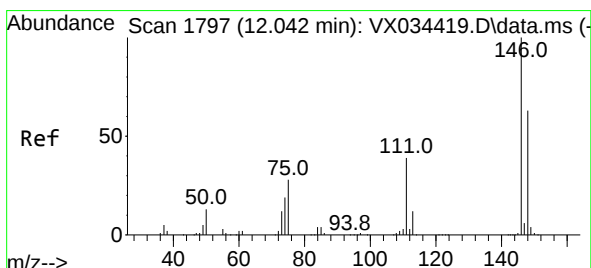
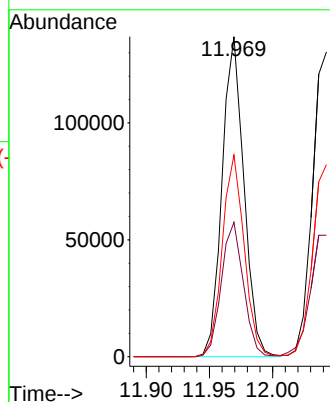
148 63.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#88

1,4-Dichlorobenzene

Concen: 20.371 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

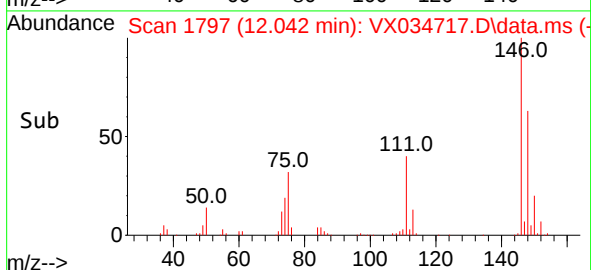
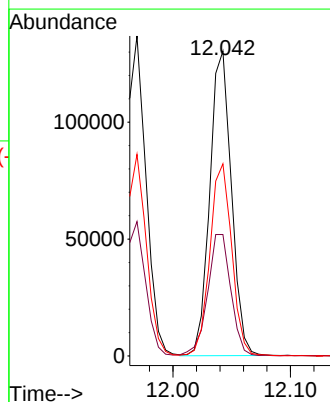
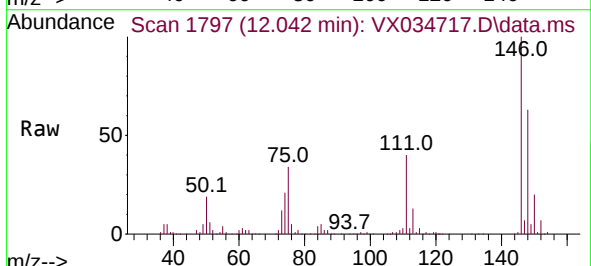
Tgt Ion:146 Resp: 166704

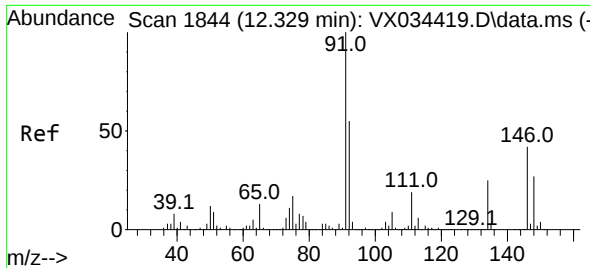
Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.9

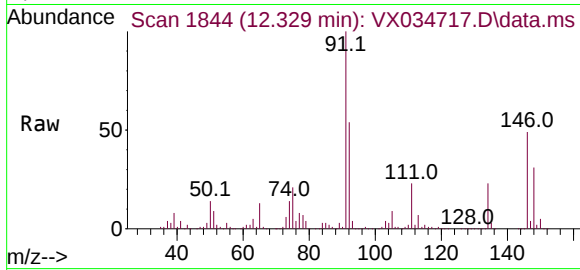
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 19.159 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

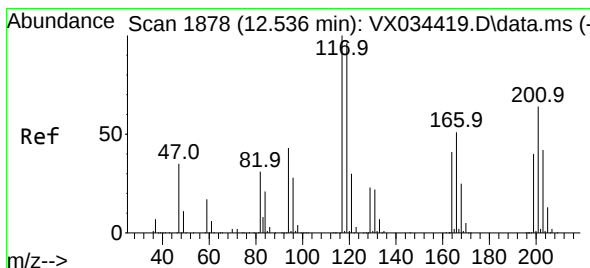
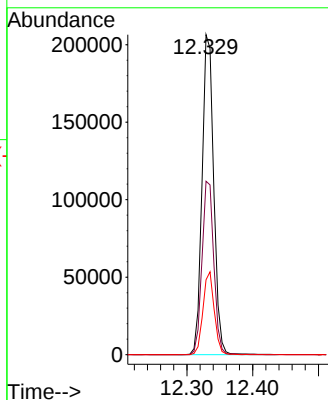
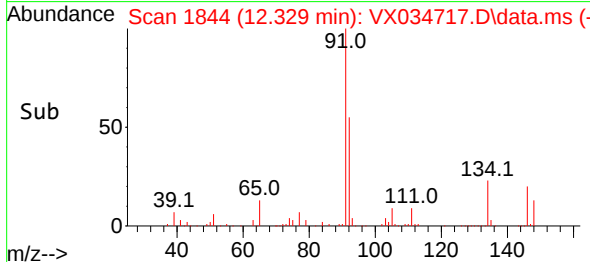
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion: 91 Resp: 254790
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.0
134 25.0 13.0 38.9

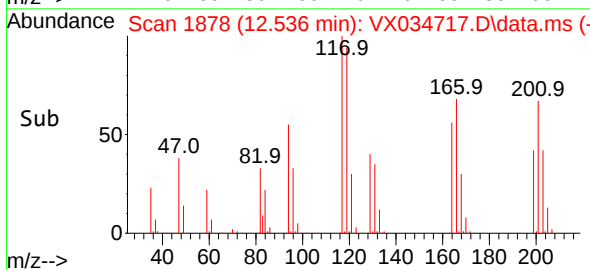
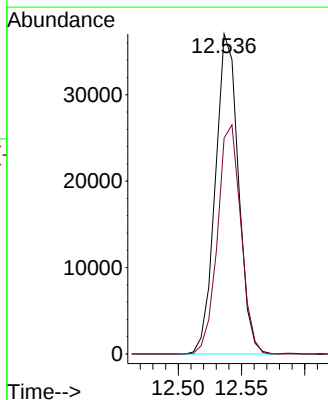
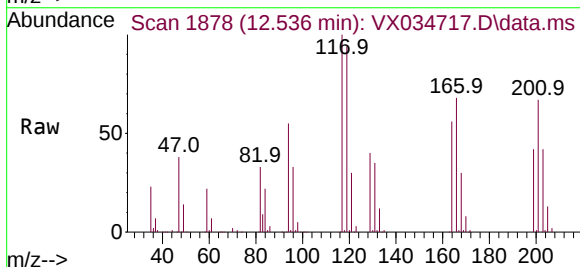
Manual Integrations
APPROVED

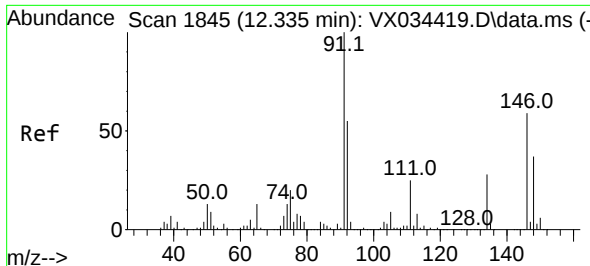
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachloroethane
Concen: 16.891 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

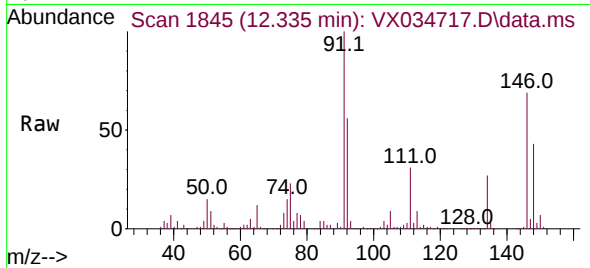
Tgt Ion:117 Resp: 46755
Ion Ratio Lower Upper
117 100
201 72.7 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 21.142 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

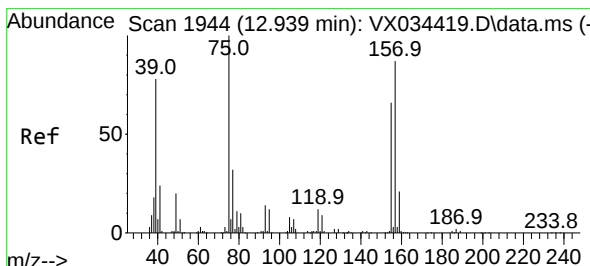
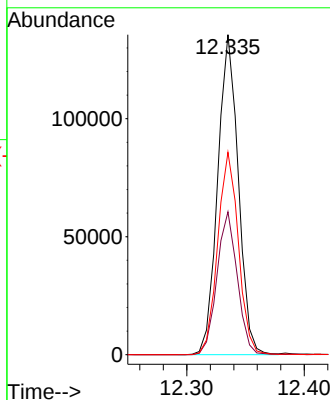
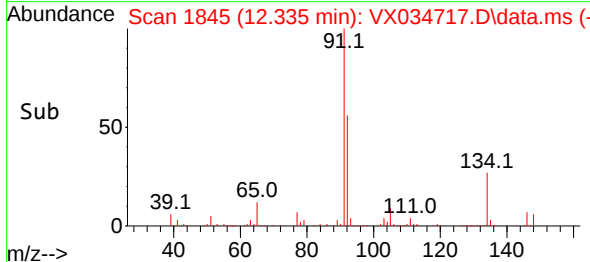
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



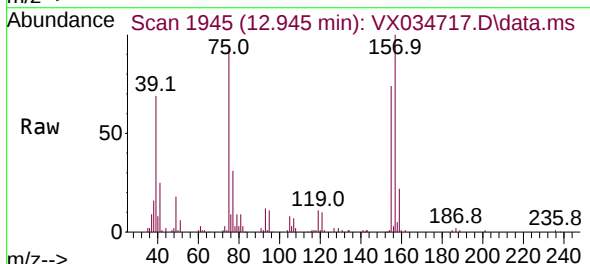
Tgt Ion:146 Resp: 165362
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 63.5 32.0 96.0

Manual Integrations
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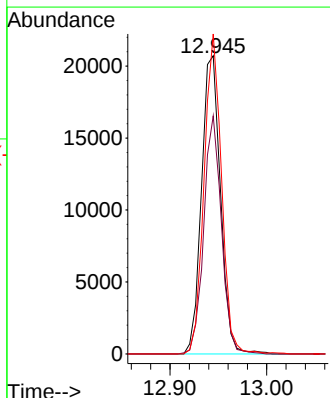
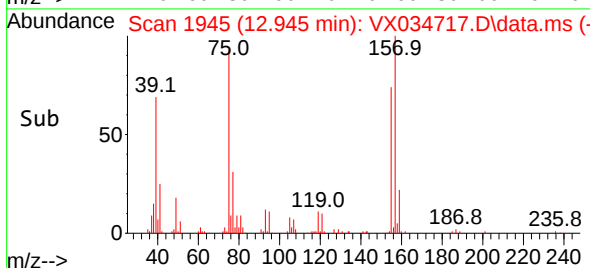
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

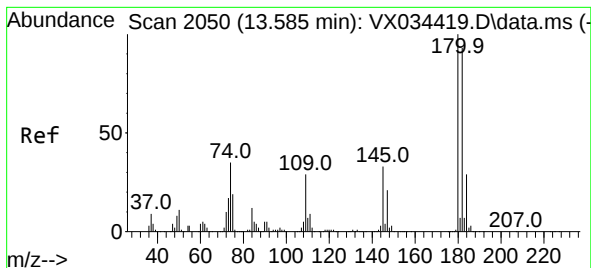


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.751 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46



Tgt Ion: 75 Resp: 28391
Ion Ratio Lower Upper
75 100
155 74.0 38.4 115.1
157 98.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 20.778 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

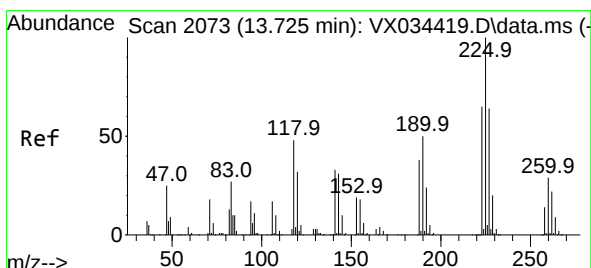
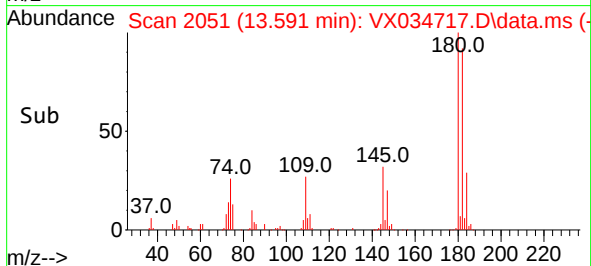
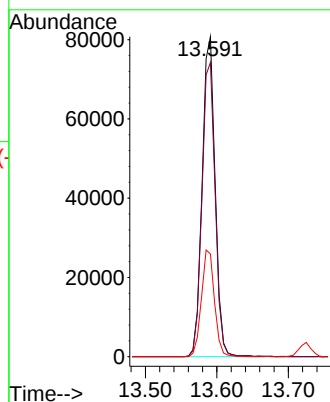
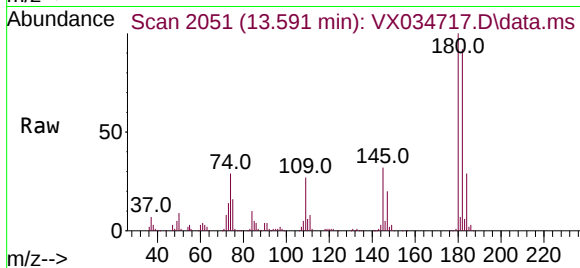
Tgt Ion:180	Resp: 101624
Ion Ratio	Lower Upper
180	100
182	93.5 47.0 141.0
145	33.5 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#94

Hexachlorobutadiene

Concen: 19.816 ug/l

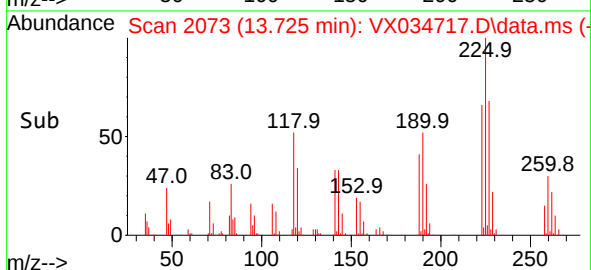
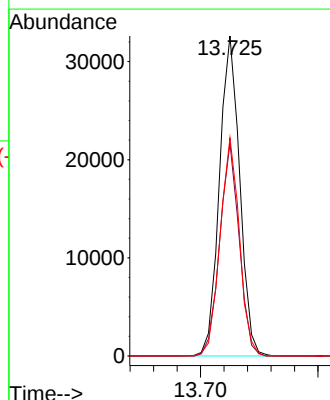
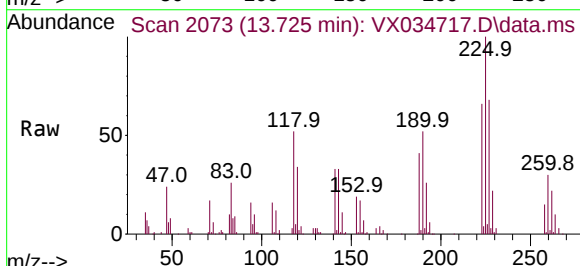
RT: 13.725 min Scan# 2073

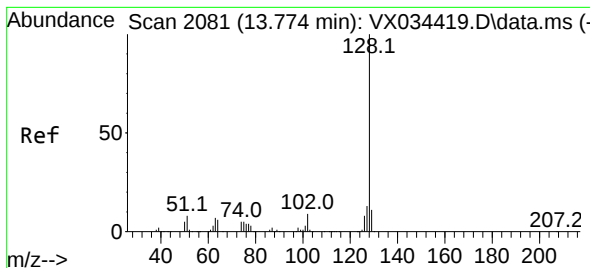
Delta R.T. -0.000 min

Lab File: VX034717.D

Acq: 24 Mar 2023 13:46

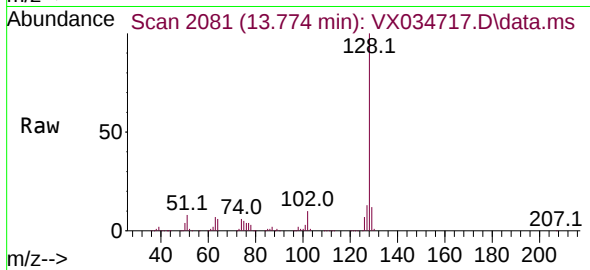
Tgt Ion:225	Resp: 39047
Ion Ratio	Lower Upper
225	100
223	63.6 32.1 96.5
227	64.9 31.8 95.4





#95
Naphthalene
Concen: 22.194 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

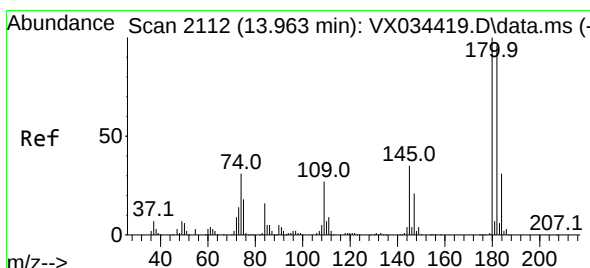
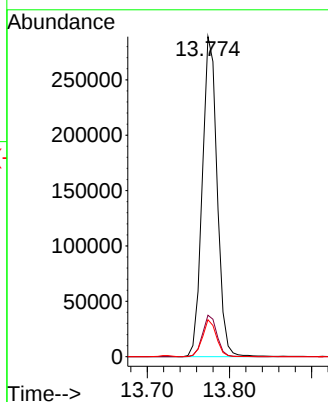
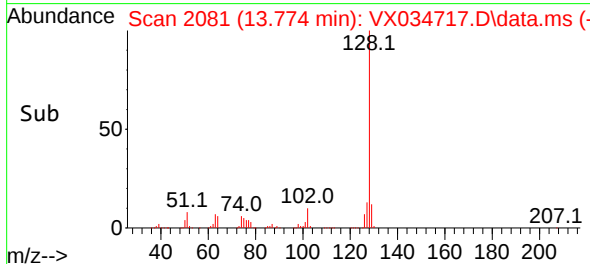
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01



Tgt Ion:128 Resp: 36401
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.429 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034717.D
Acq: 24 Mar 2023 13:46

Tgt Ion:180 Resp: 102453
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 35.8 17.7 53.1

