

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034744.D
 Acq On : 27 Mar 2023 12:44
 Operator : JC/MD
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Quant Time: Mar 28 03:17:41 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	317931	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	526995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218771	47.299	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.600%		
35) Dibromofluoromethane	5.385	113	163237	46.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	8.647	98	582083	44.813	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.620%#		
62) 4-Bromofluorobenzene	11.079	95	238182	45.397	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72798	24.561	ug/l	98
3) Chloromethane	1.294	50	79971	16.944	ug/l	99
4) Vinyl Chloride	1.373	62	78746	19.512	ug/l	97
5) Bromomethane	1.617	94	48947	24.038	ug/l	97
6) Chloroethane	1.690	64	46708	20.101	ug/l	99
7) Trichlorofluoromethane	1.892	101	114786	18.929	ug/l	97
8) Diethyl Ether	2.136	74	44916	20.290	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	70009	19.810	ug/l	100
10) Methyl Iodide	2.453	142	86624	18.670	ug/l	93
11) Tert butyl alcohol	2.989	59	92099m	95.620	ug/l	
12) 1,1-Dichloroethene	2.318	96	65034	18.685	ug/l	93
13) Acrolein	2.239	56	62415	81.913	ug/l	98
14) Allyl chloride	2.666	41	127031	18.003	ug/l	96
15) Acrylonitrile	3.062	53	198969	95.629	ug/l	99
16) Acetone	2.385	43	181819	83.452	ug/l	96
17) Carbon Disulfide	2.514	76	144984	14.802	ug/l	99
18) Methyl Acetate	2.703	43	147212	20.679	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	254283	20.405	ug/l	96
20) Methylene Chloride	2.788	84	75845	17.937	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	71067	19.227	ug/l	96
22) Diisopropyl ether	3.757	45	261705	19.453	ug/l	98
23) Vinyl Acetate	3.721	43	955884	93.358	ug/l	99
24) 1,1-Dichloroethane	3.611	63	139586	19.301	ug/l	100
25) 2-Butanone	4.556	43	285787	91.673	ug/l	98
26) 2,2-Dichloropropane	4.477	77	118573	18.862	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	83231	18.705	ug/l	96
28) Bromochloromethane	4.897	49	66095	19.656	ug/l	99
29) Tetrahydrofuran	5.007	42	187692	97.571	ug/l	100
30) Chloroform	5.092	83	143878	20.296	ug/l	100
31) Cyclohexane	5.476	56	125912	19.411	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	127020	20.240	ug/l	99
36) 1,1-Dichloropropene	5.696	75	105740	19.786	ug/l	99
37) Ethyl Acetate	4.714	43	112175	19.213	ug/l	99
38) Carbon Tetrachloride	5.678	117	106003	19.938	ug/l	97
39) Methylcyclohexane	7.378	83	122694	19.184	ug/l	98
40) Benzene	6.037	78	302255	19.333	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	64593	20.187	ug/l	97
42) 1,2-Dichloroethane	6.086	62	122890	21.388	ug/l	98
43) Isopropyl Acetate	6.336	43	189144	19.123	ug/l	99
44) Trichloroethene	7.122	130	78896	19.422	ug/l	97
45) 1,2-Dichloropropane	7.433	63	79299	19.426	ug/l	99
46) Dibromomethane	7.580	93	52714	18.995	ug/l	98
47) Bromodichloromethane	7.824	83	101671	18.929	ug/l	99
48) Methyl methacrylate	7.696	41	94946	19.960	ug/l	97
49) 1,4-Dioxane	7.696	88	39746	397.806	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	572729	99.819	ug/l	100
52) Toluene	8.720	92	192649	19.904	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111099	18.360	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	121518	18.562	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	76314	19.867	ug/l	98
56) Ethyl methacrylate	9.116	69	123711	19.615	ug/l	98
57) 1,3-Dichloropropane	9.305	76	134810	19.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	267013	82.149	ug/l	98
59) 2-Hexanone	9.427	43	432597	97.534	ug/l	100
60) Dibromochloromethane	9.518	129	73964	18.359	ug/l	98
61) 1,2-Dibromoethane	9.610	107	81528	19.668	ug/l	97
64) Tetrachloroethene	9.274	164	68244	22.037	ug/l	97
65) Chlorobenzene	10.079	112	203083	20.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	72943	19.800	ug/l	99
67) Ethyl Benzene	10.195	91	375674	20.746	ug/l	99
68) m/p-Xylenes	10.299	106	282834	40.659	ug/l	97
69) o-Xylene	10.640	106	141551	20.277	ug/l	99
70) Styrene	10.652	104	230074	20.428	ug/l	99
71) Bromoform	10.799	173	47633	16.797	ug/l #	100
73) Isopropylbenzene	10.963	105	371600	21.007	ug/l	99
74) N-amyl acetate	10.841	43	162393	19.167	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	114982	19.479	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	98521m	18.748	ug/l	
77) Bromobenzene	11.195	156	87374	20.588	ug/l	98
78) n-propylbenzene	11.305	91	422664	20.690	ug/l	100
79) 2-Chlorotoluene	11.366	91	263157	20.858	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	313755	21.147	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30807	15.859	ug/l	91
82) 4-Chlorotoluene	11.457	91	302007	20.781	ug/l	99
83) tert-Butylbenzene	11.713	119	303121	20.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	311286	20.529	ug/l	99
85) sec-Butylbenzene	11.890	105	375306	20.522	ug/l	99
86) p-Isopropyltoluene	12.006	119	314974	20.492	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162728	19.569	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	161656	19.226	ug/l	96
89) n-Butylbenzene	12.335	91	262872	19.238	ug/l	99
90) Hexachloroethane	12.536	117	46560	16.371	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	162211	20.185	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25154	18.756	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	99099	19.720	ug/l	99
94) Hexachlorobutadiene	13.725	225	40625	20.066	ug/l	98
95) Naphthalene	13.774	128	349162	20.720	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100782	20.516	ug/l	98

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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

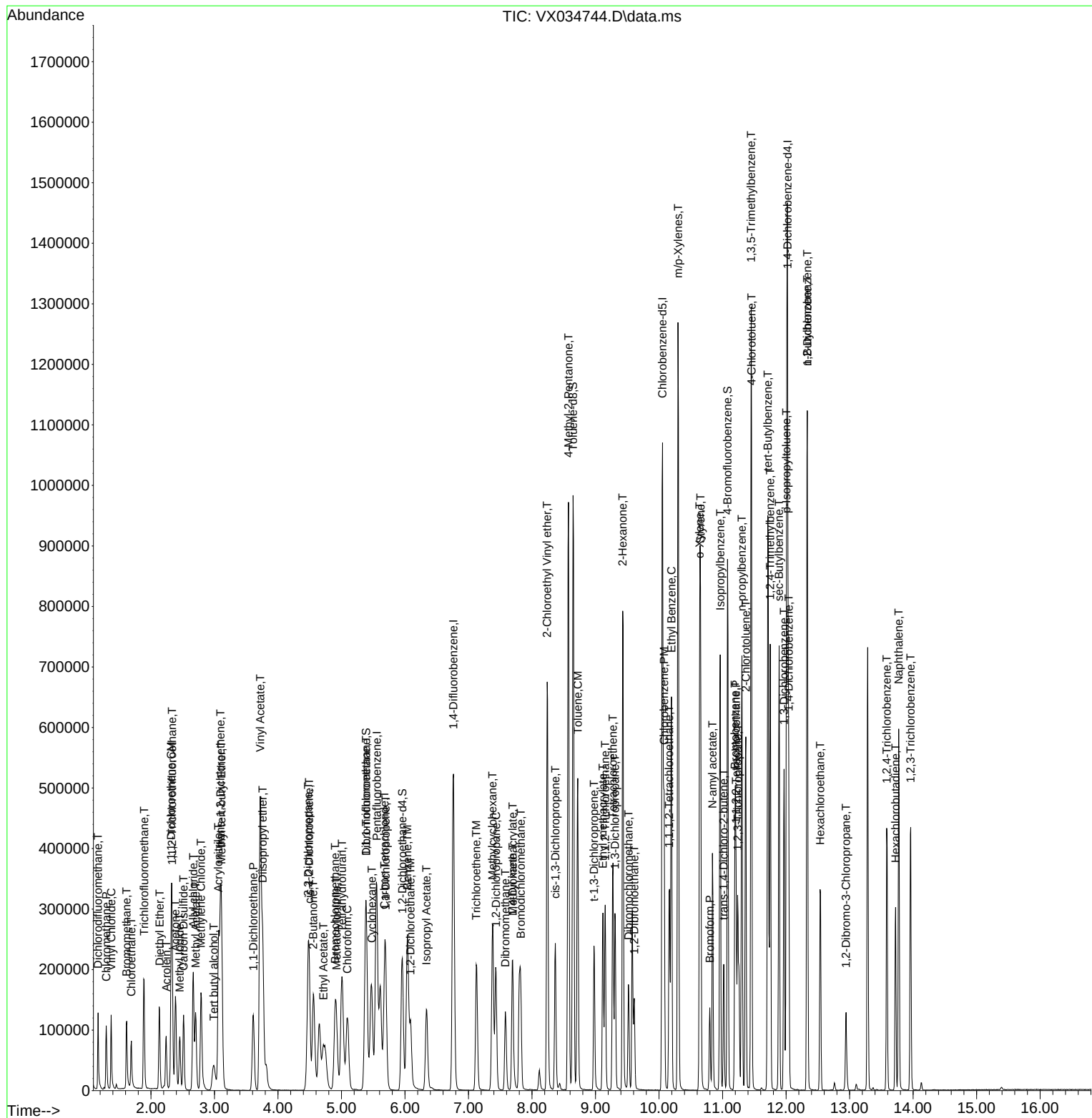
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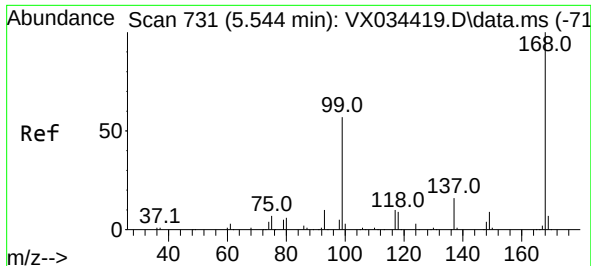
Instrument :
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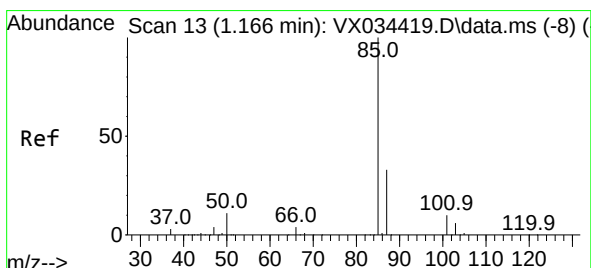
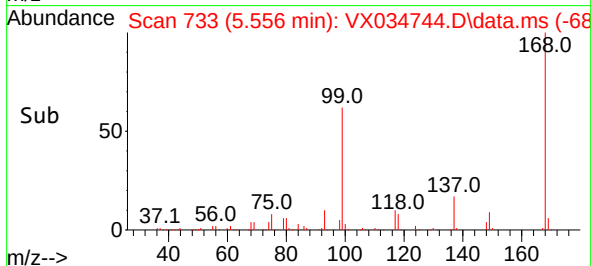
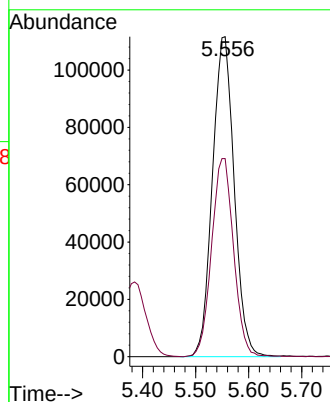
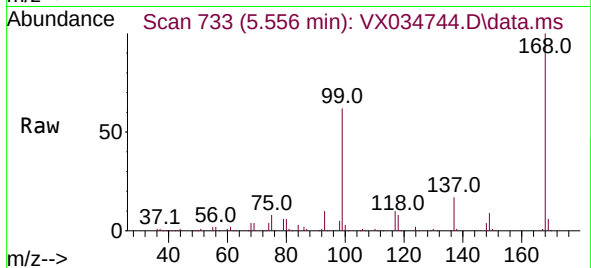
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 31793
Ion Ratio Lower Upper
168 100
99 61.8 45.7 68.5

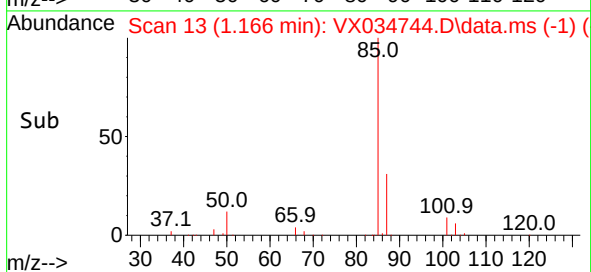
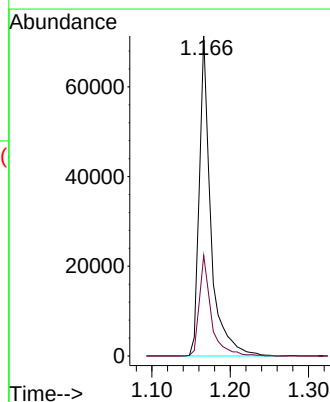
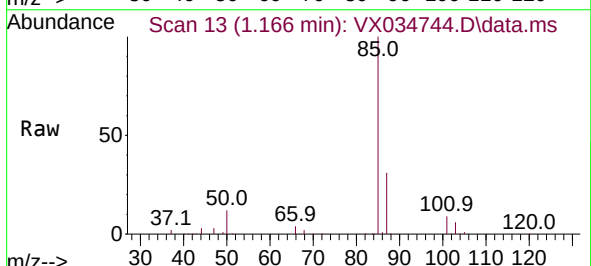
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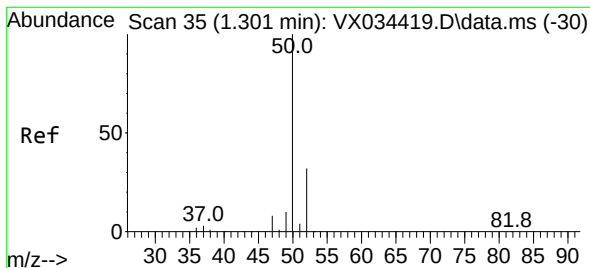
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#2
Dichlorodifluoromethane
Concen: 24.561 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 85 Resp: 72798
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.1





#3

Chloromethane

Concen: 16.944 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 50 Resp: 7997

Ion Ratio Lower Upper

50 100

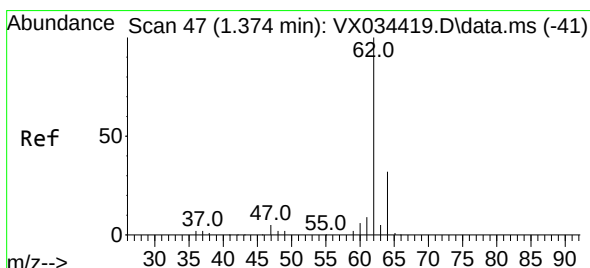
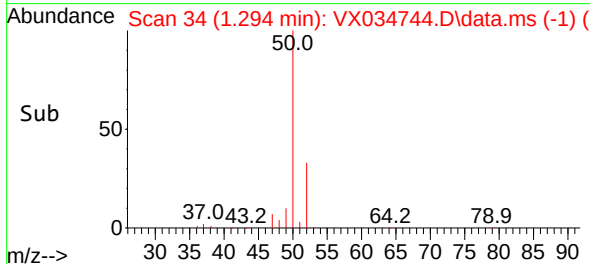
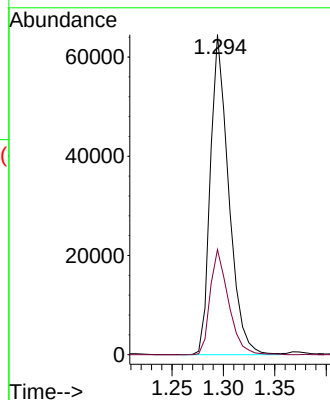
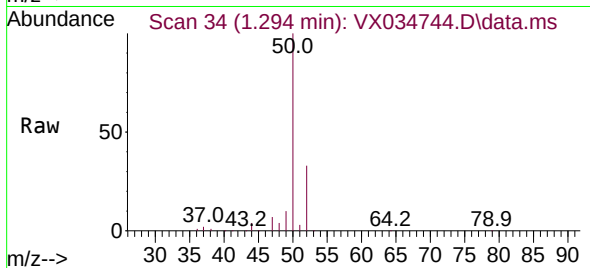
52 32.8 25.9 38.9

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 19.512 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034744.D

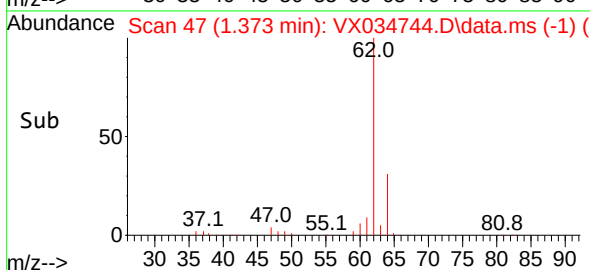
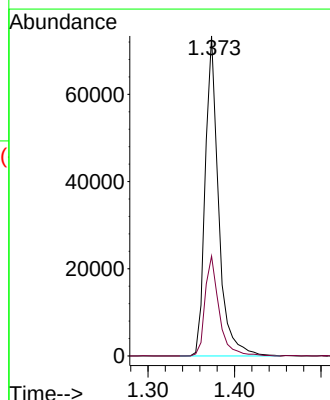
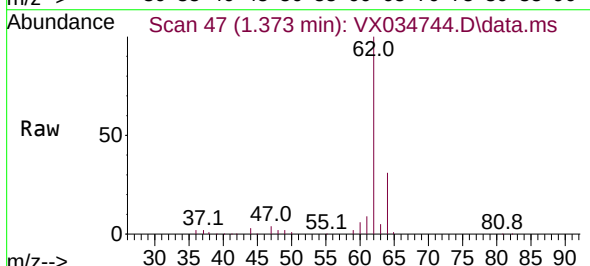
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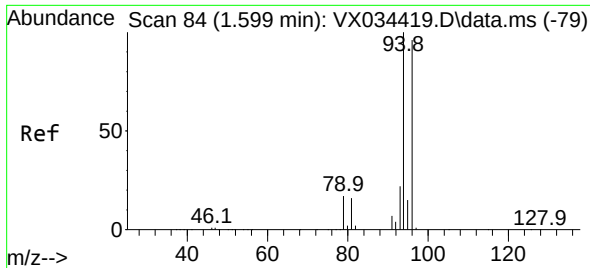
Tgt Ion: 62 Resp: 78746

Ion Ratio Lower Upper

62 100

64 31.2 26.4 39.6





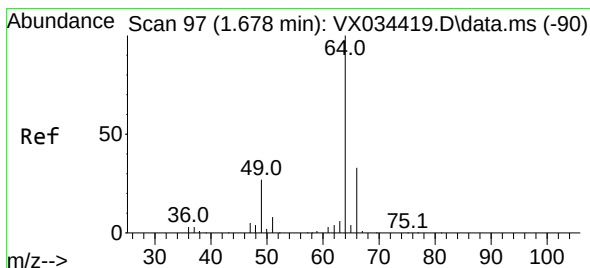
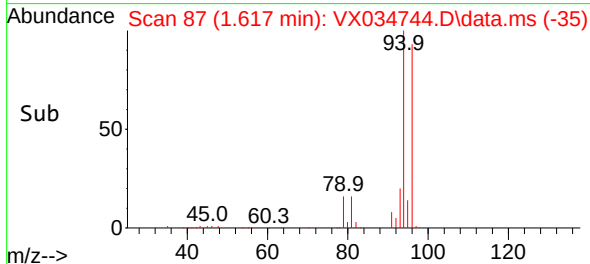
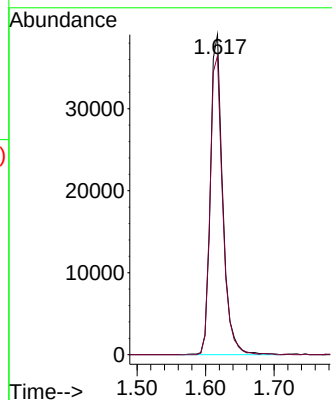
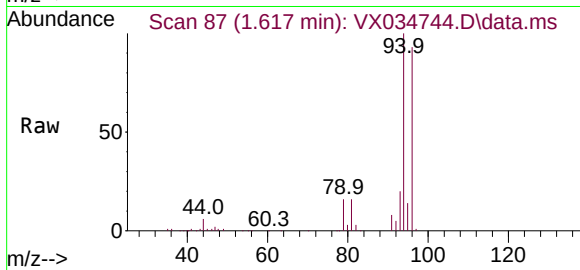
#5
Bromomethane
Concen: 24.038 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

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Tgt Ion: 94 Resp: 4894
Ion Ratio Lower Upper
94 100
96 93.4 77.0 115.6

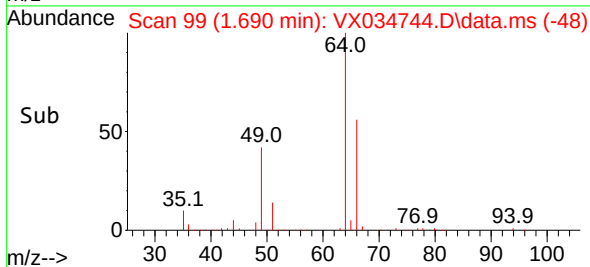
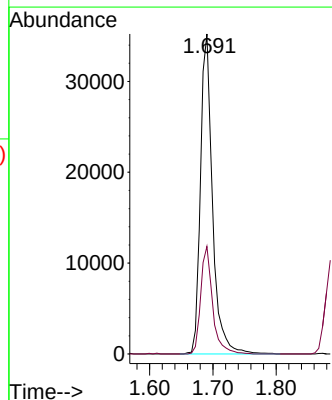
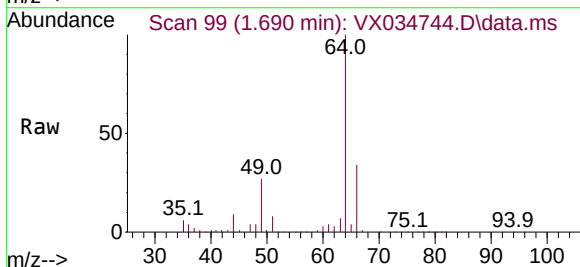
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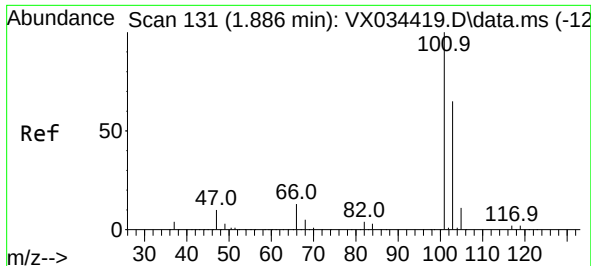
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#6
Chloroethane
Concen: 20.101 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 64 Resp: 46708
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4





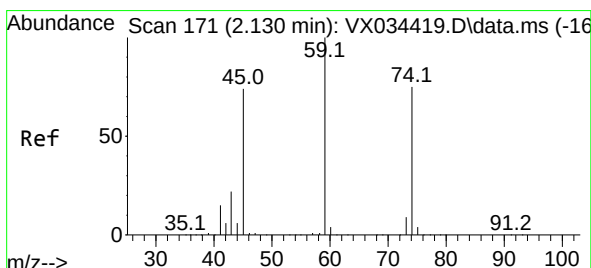
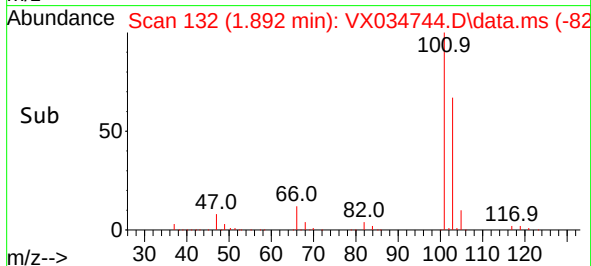
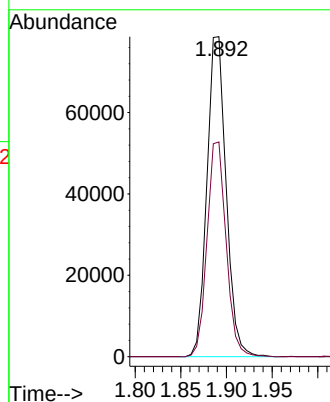
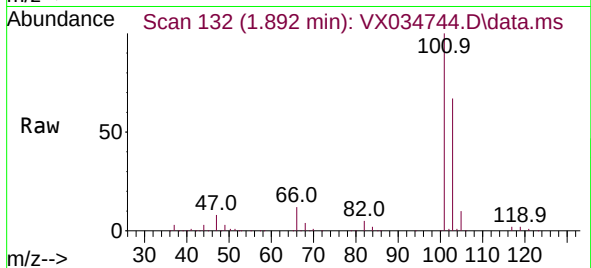
#7
Trichlorofluoromethane
Concen: 18.929 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034744.D
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Instrument :
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Tgt Ion:101 Resp: 114780
Ion Ratio Lower Upper
101 100
103 67.1 52.0 78.0

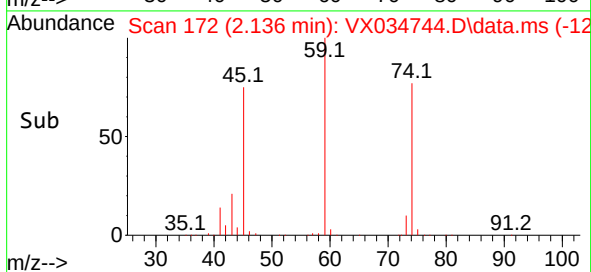
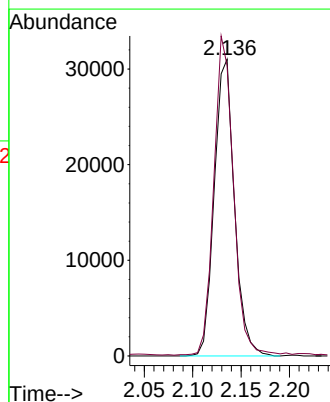
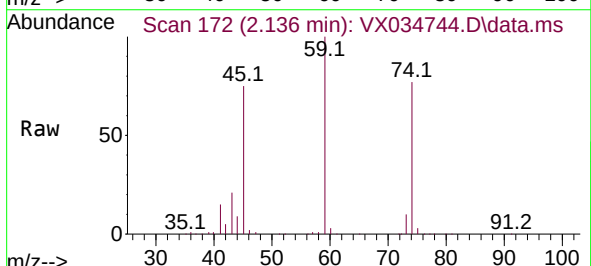
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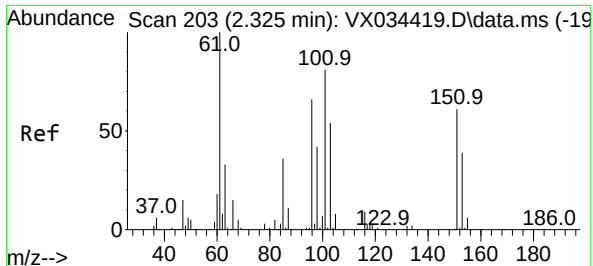
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#8
Diethyl Ether
Concen: 20.290 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 74 Resp: 44916
Ion Ratio Lower Upper
74 100
45 105.0 49.8 149.3





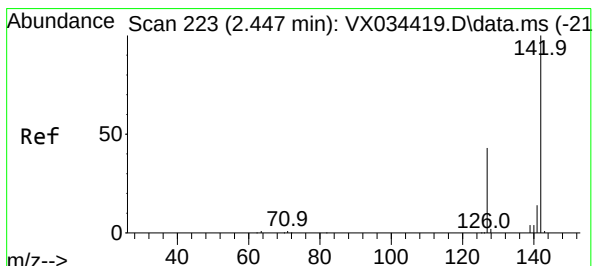
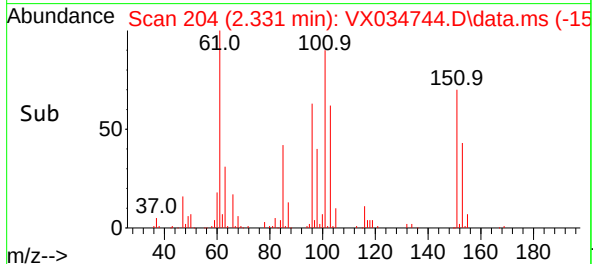
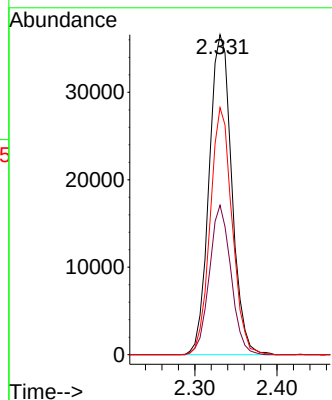
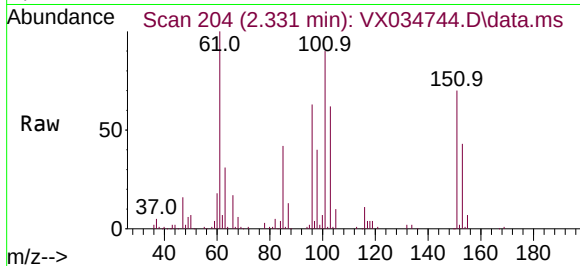
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.810 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:101 Resp: 70009
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.2
151 75.0 60.2 90.4

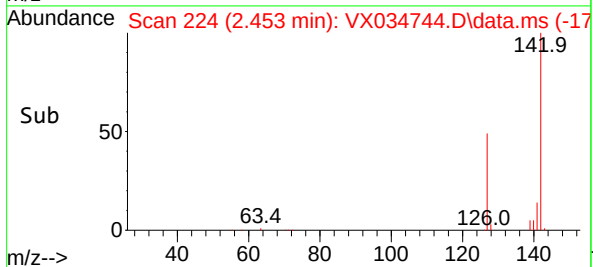
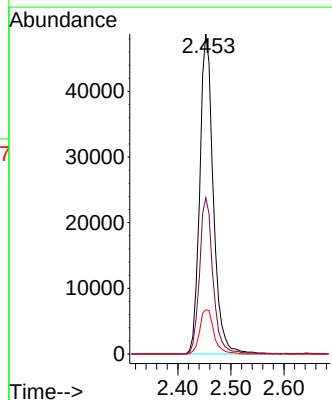
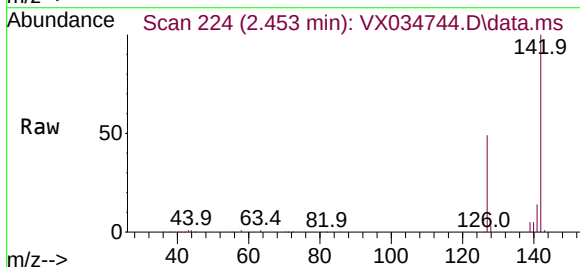
Manual Integrations
APPROVED

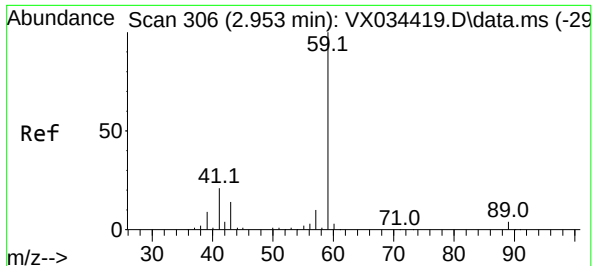
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#10
Methyl Iodide
Concen: 18.670 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

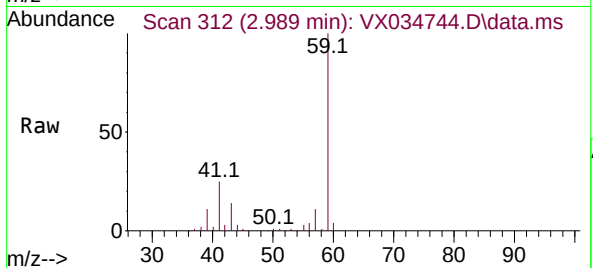
Tgt Ion:142 Resp: 86624
Ion Ratio Lower Upper
142 100
127 48.5 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 95.620 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.036 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

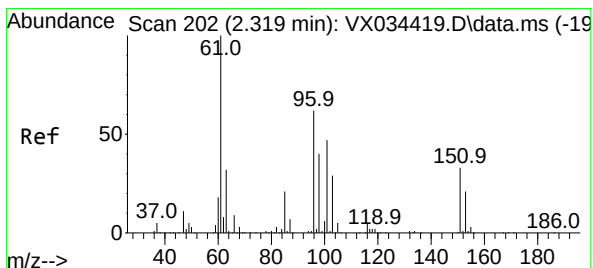
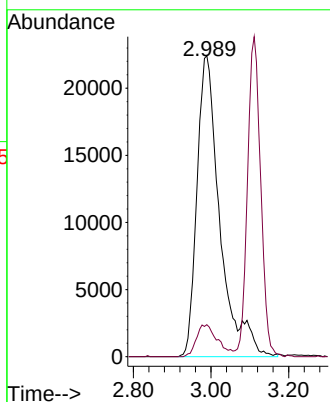
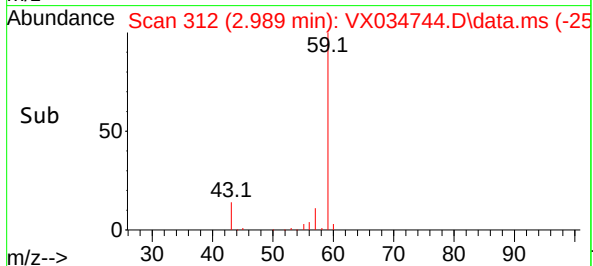
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 59 Resp: 92099
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

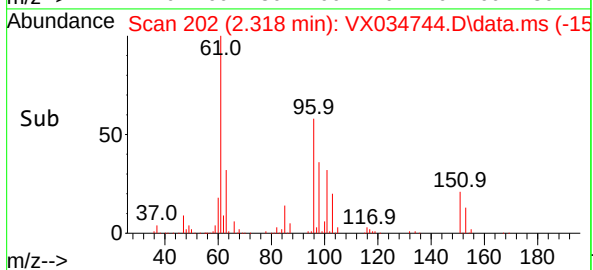
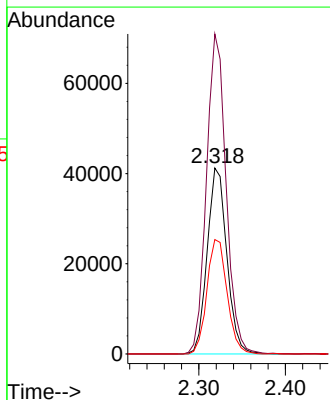
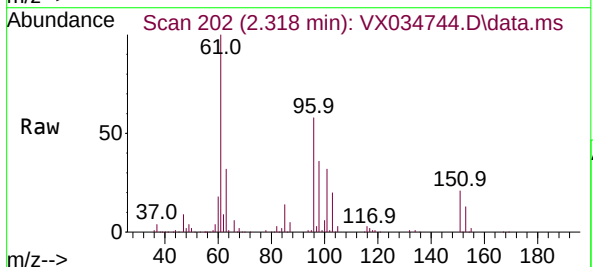
Manual Integrations
APPROVED

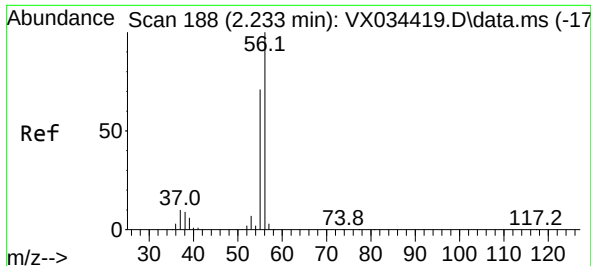
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#12
1,1-Dichloroethene
Concen: 18.685 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 96 Resp: 65034
Ion Ratio Lower Upper
96 100
61 172.1 128.8 193.2
98 61.5 51.4 77.0





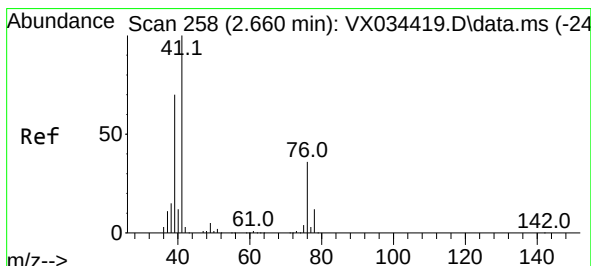
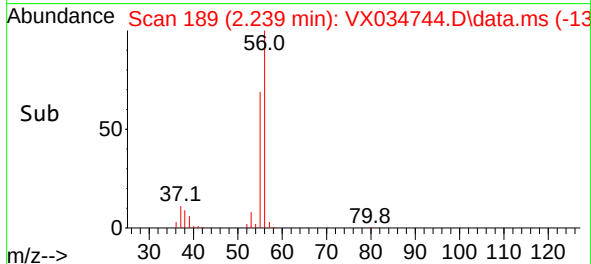
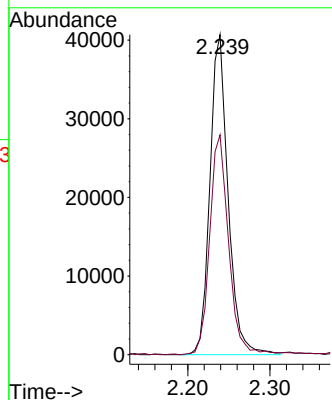
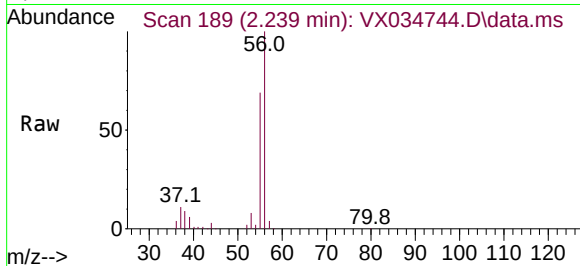
#13
Acrolein
Concen: 81.913 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 56 Resp: 62415
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

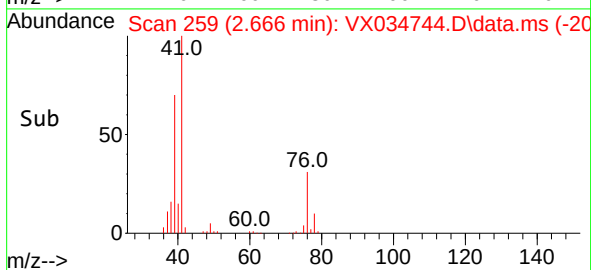
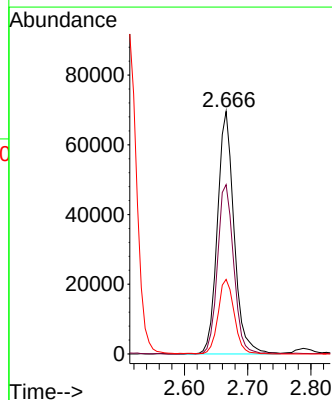
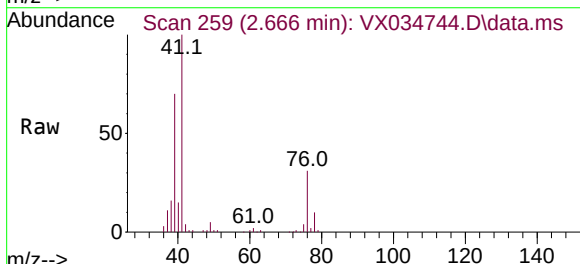
Manual Integrations
APPROVED

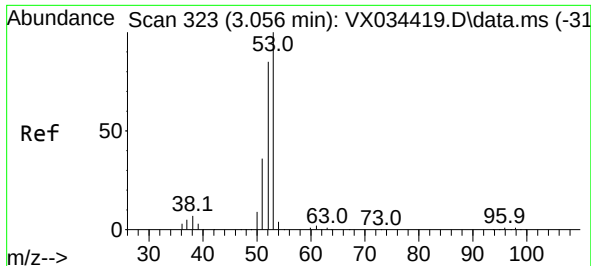
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#14
Allyl chloride
Concen: 18.003 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 41 Resp: 127031
Ion Ratio Lower Upper
41 100
39 68.3 52.4 78.6
76 29.7 26.0 39.0





#15

Acrylonitrile

Concen: 95.629 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 53 Resp: 19896

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

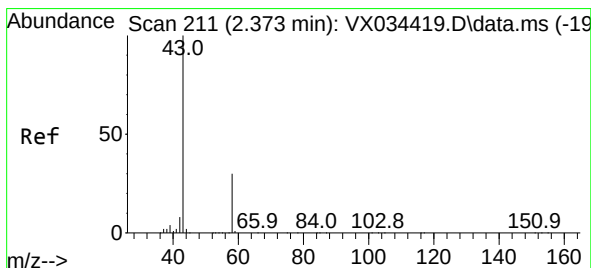
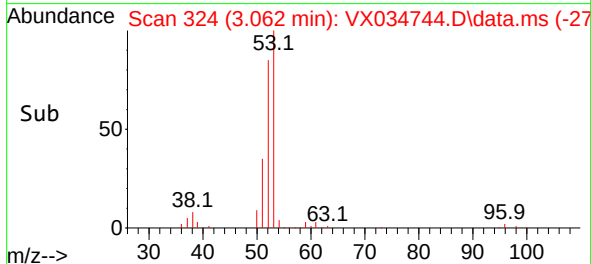
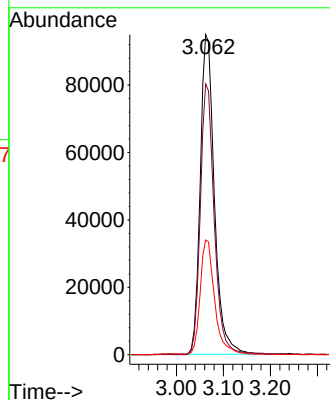
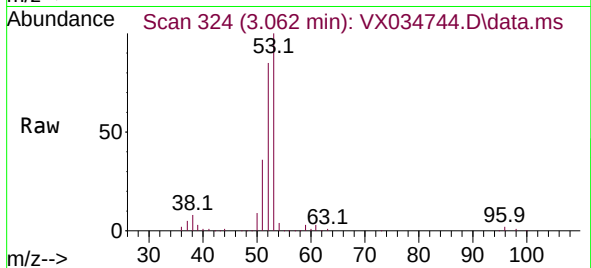
51 36.5 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#16

Acetone

Concen: 83.452 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034744.D

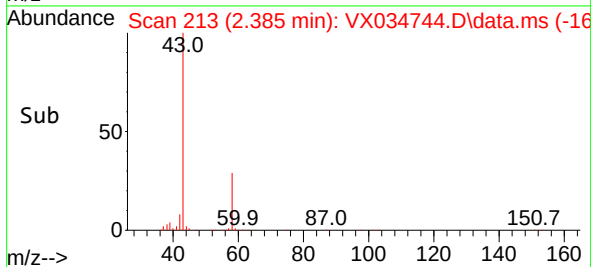
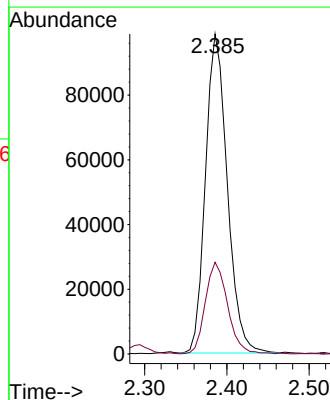
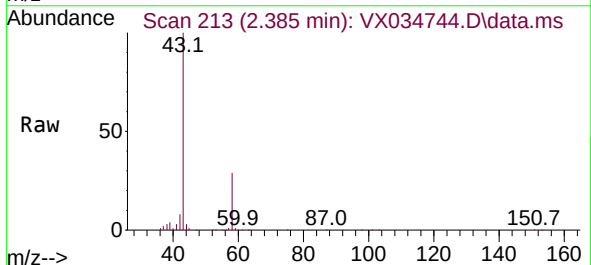
Acq: 27 Mar 2023 12:44

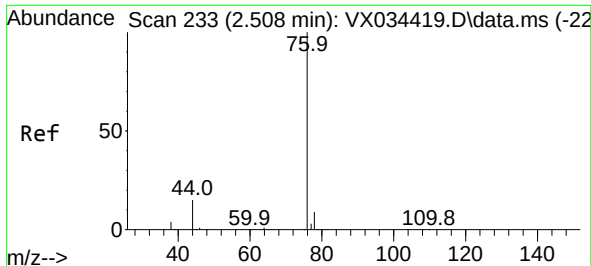
Tgt Ion: 43 Resp: 181819

Ion Ratio Lower Upper

43 100

58 28.7 24.7 37.1





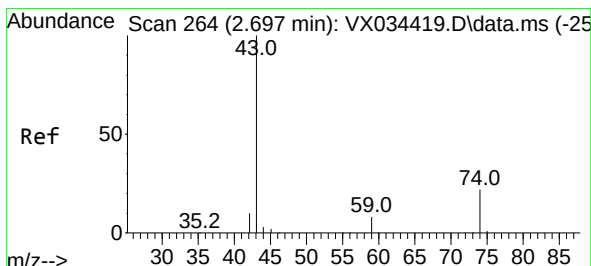
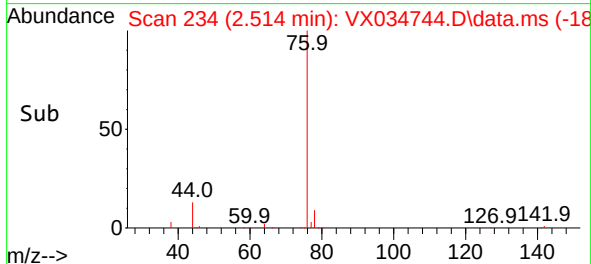
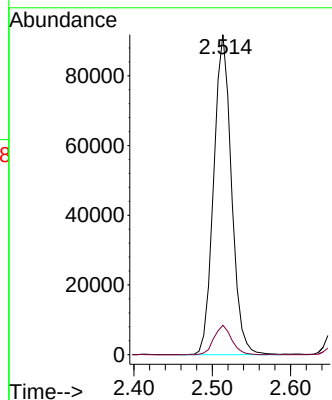
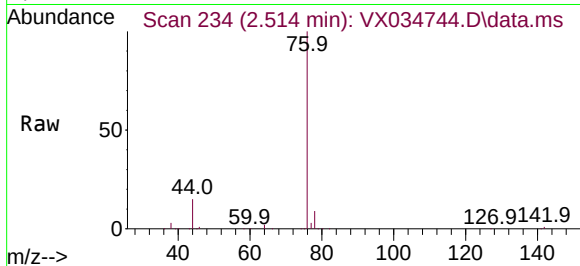
#17
Carbon Disulfide
Concen: 14.802 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 76 Resp: 144984
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

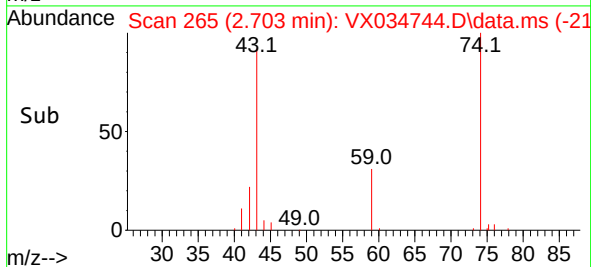
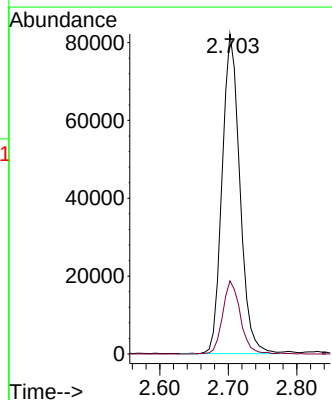
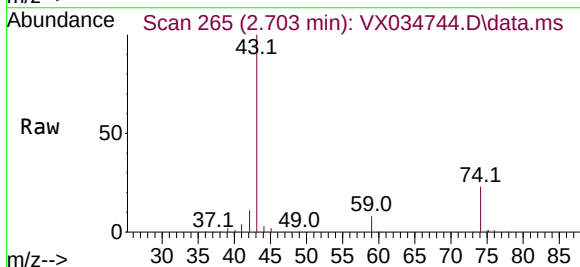
Manual Integrations
APPROVED

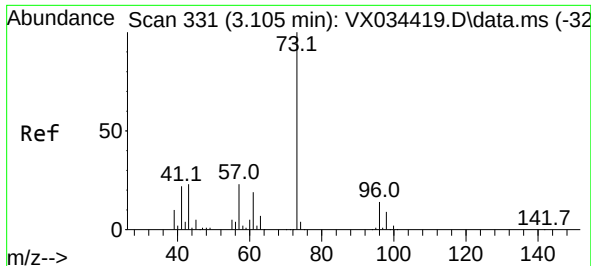
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#18
Methyl Acetate
Concen: 20.679 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 43 Resp: 147212
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





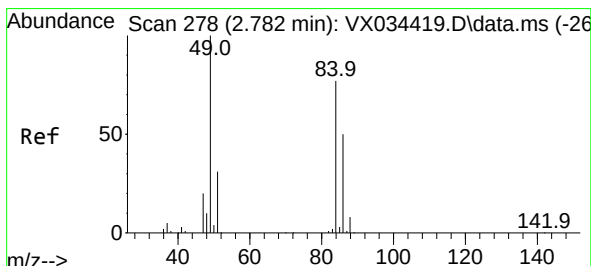
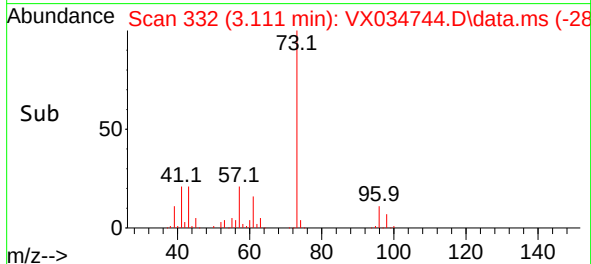
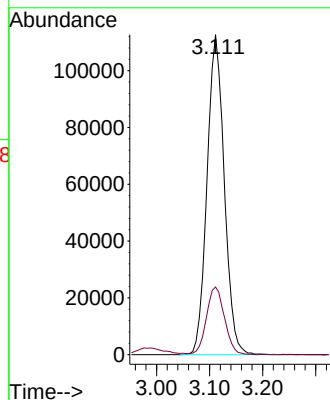
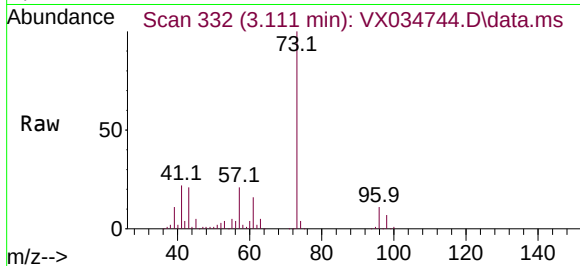
#19
Methyl tert-butyl Ether
Concen: 20.405 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 73 Resp: 25428
Ion Ratio Lower Upper
73 100
57 21.2 18.5 27.7

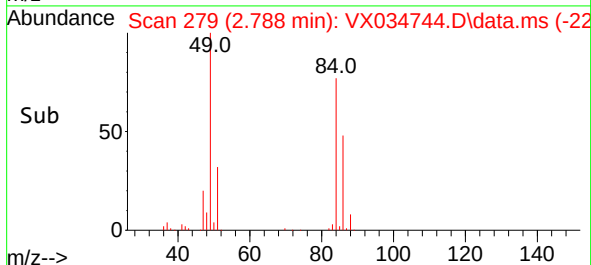
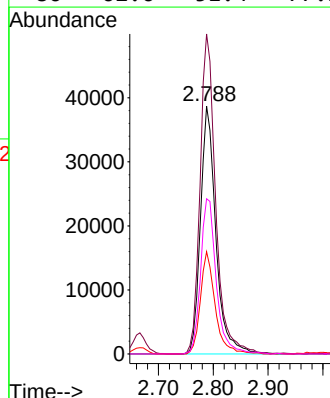
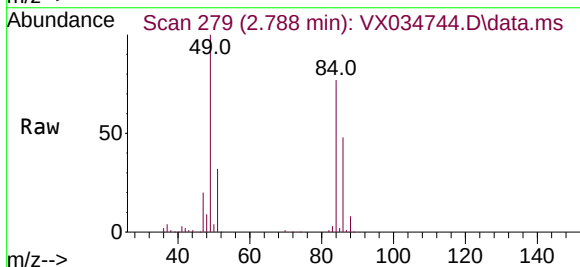
Manual Integrations
APPROVED

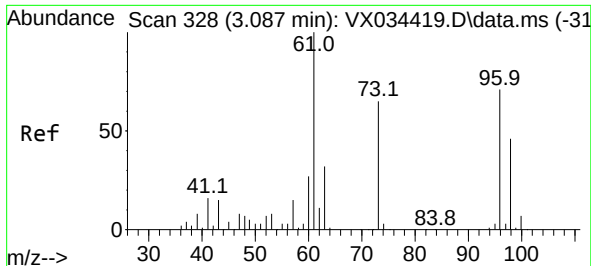
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#20
Methylene Chloride
Concen: 17.937 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

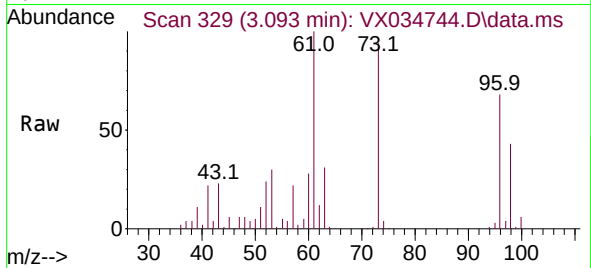
Tgt Ion: 84 Resp: 75845
Ion Ratio Lower Upper
84 100
49 129.1 103.8 155.8
51 41.2 31.8 47.8
86 62.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 19.227 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

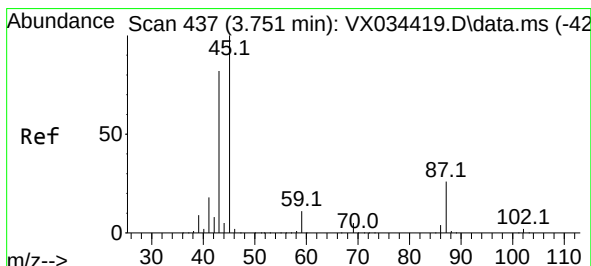
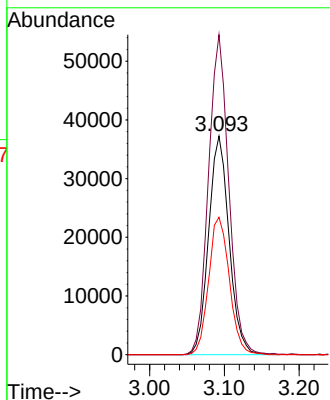
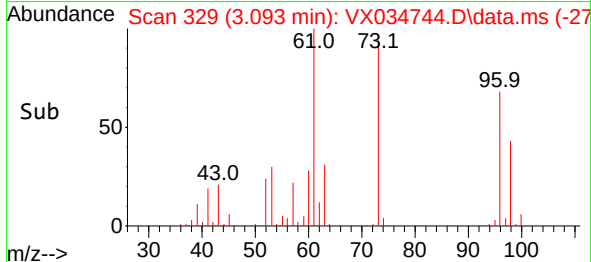
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



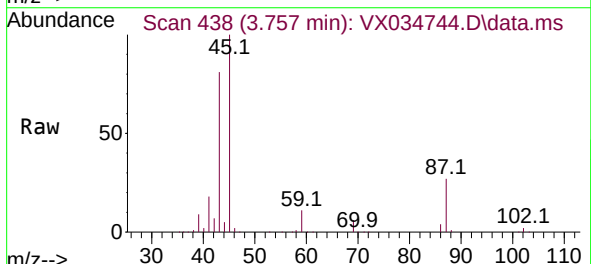
Tgt Ion: 96 Resp: 7106
Ion Ratio Lower Upper
96 100
61 146.5 113.0 169.6
98 62.9 52.1 78.1

Manual Integrations
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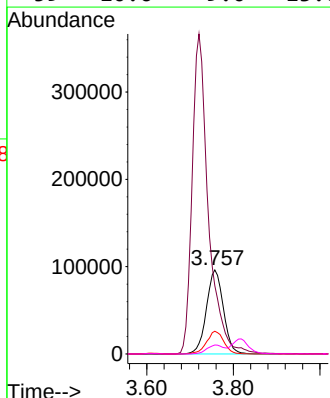
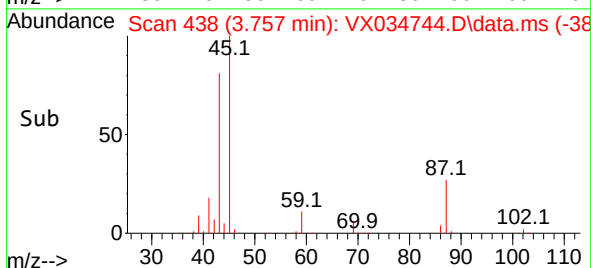
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

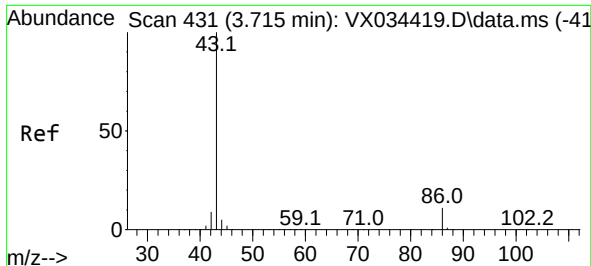


#22
Diisopropyl ether
Concen: 19.453 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44



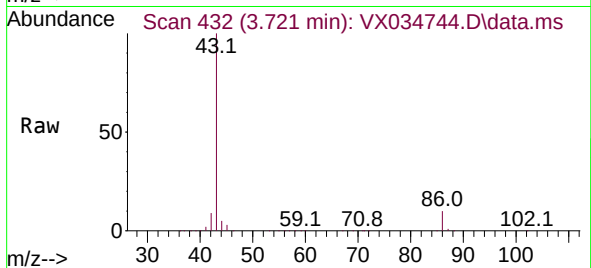
Tgt Ion: 45 Resp: 261705
Ion Ratio Lower Upper
45 100
43 80.8 65.4 98.2
87 27.1 20.6 31.0
59 10.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 93.358 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034744.D
 Acq: 27 Mar 2023 12:44

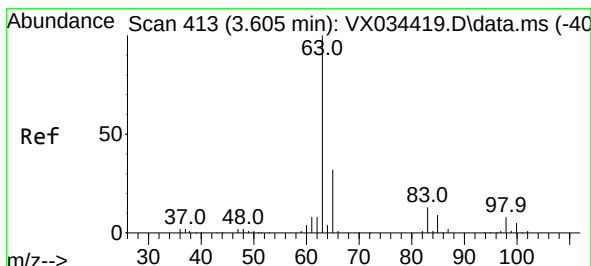
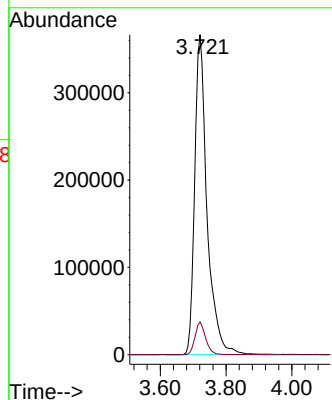
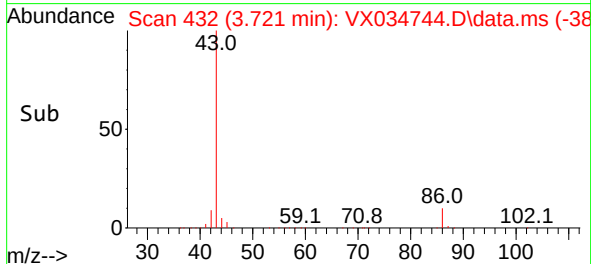
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01



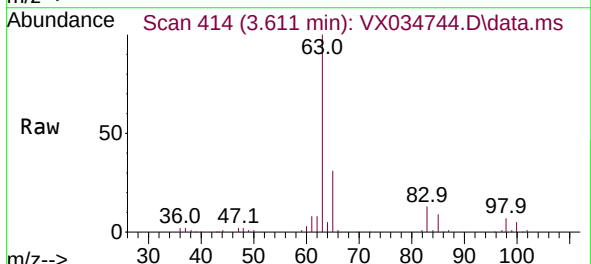
Tgt Ion: 43 Resp: 955884
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
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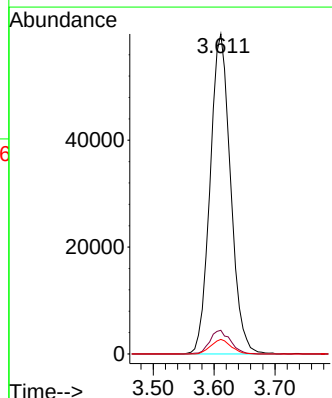
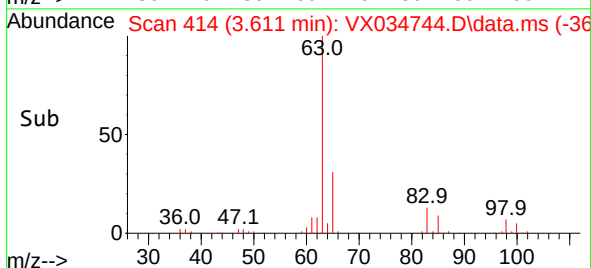
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

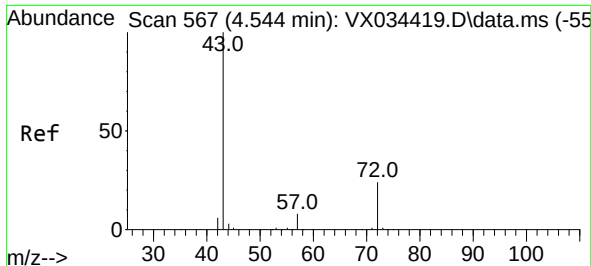


#24
 1,1-Dichloroethane
 Concen: 19.301 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034744.D
 Acq: 27 Mar 2023 12:44



Tgt Ion: 63 Resp: 139586
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.6 2.4 7.1





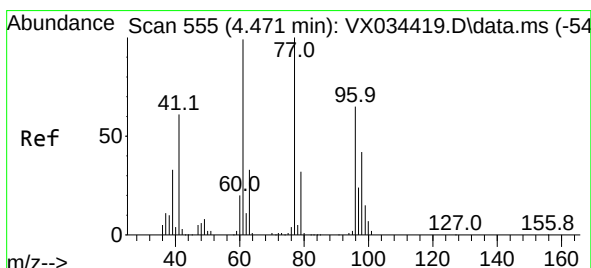
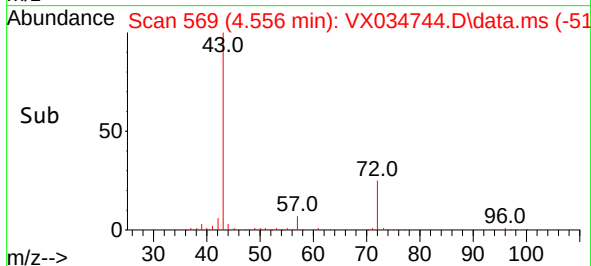
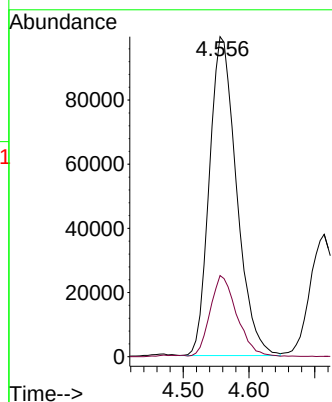
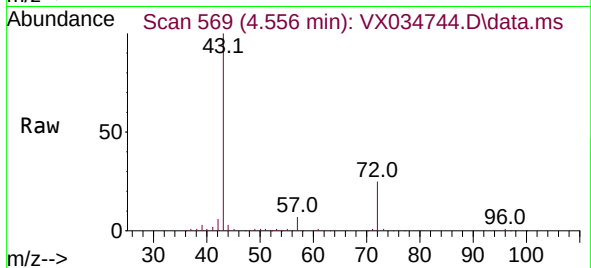
#25
2-Butanone
Concen: 91.673 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 43 Resp: 28578
Ion Ratio Lower Upper
43 100
72 25.3 19.3 28.9

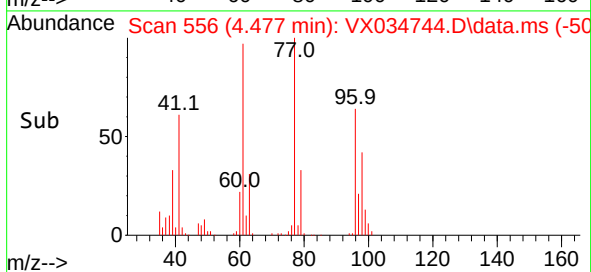
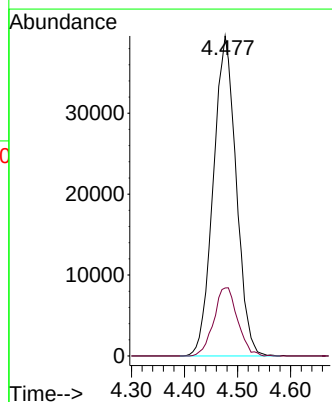
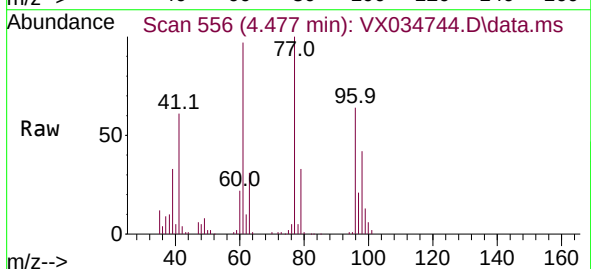
Manual Integrations
APPROVED

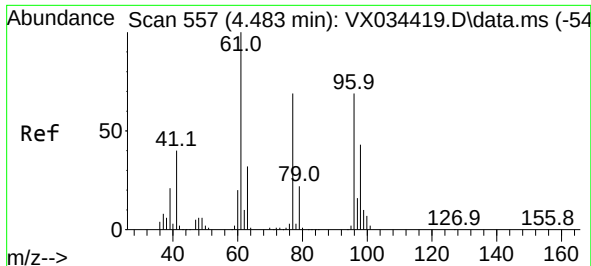
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#26
2,2-Dichloropropane
Concen: 18.862 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 77 Resp: 118573
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.705 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 96 Resp: 8323

Ion Ratio Lower Upper

96 100

61 156.2 0.0 300.4

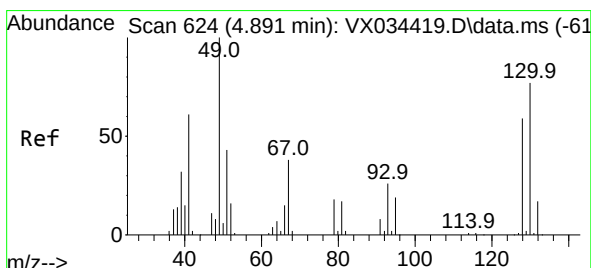
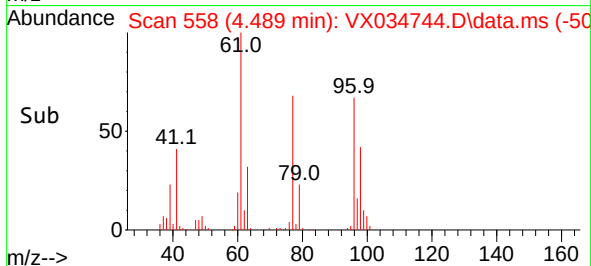
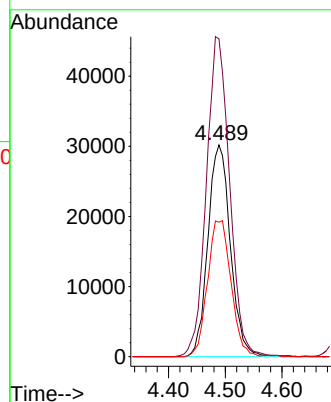
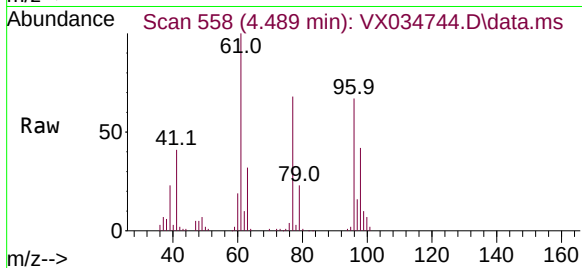
98 66.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#28

Bromochloromethane

Concen: 19.656 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

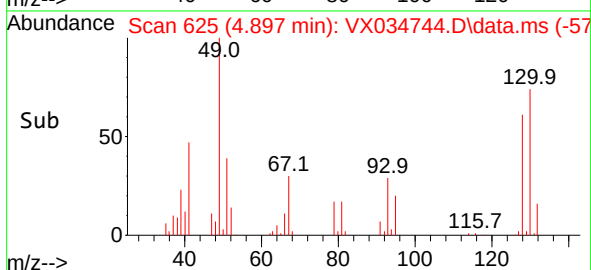
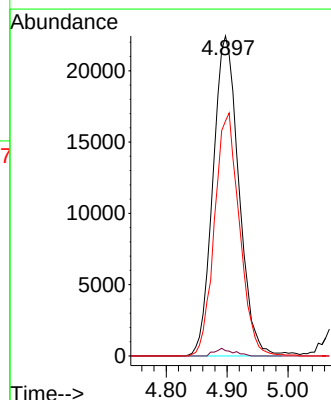
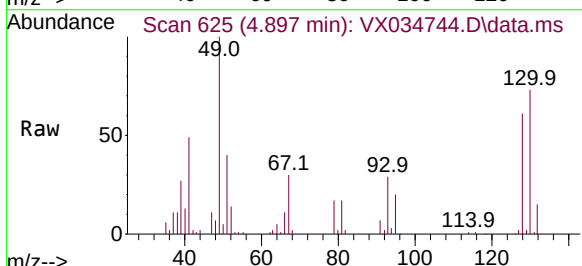
Tgt Ion: 49 Resp: 66095

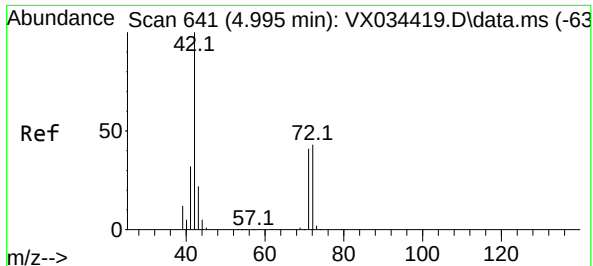
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 73.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 97.571 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 42 Resp: 187692

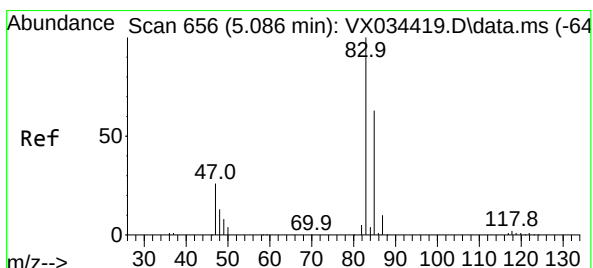
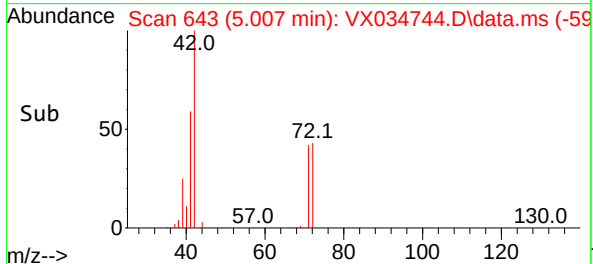
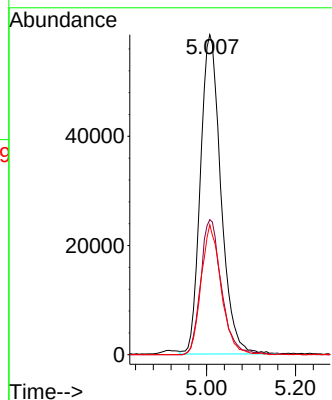
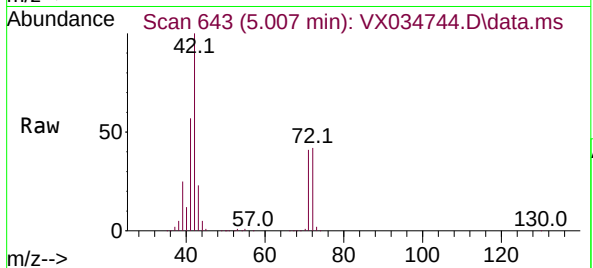
Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.5	51.7
71	39.7	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#30

Chloroform

Concen: 20.296 ug/l

RT: 5.092 min Scan# 657

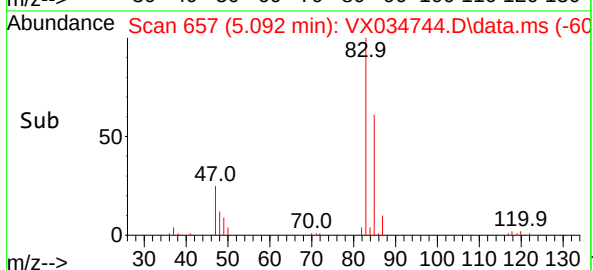
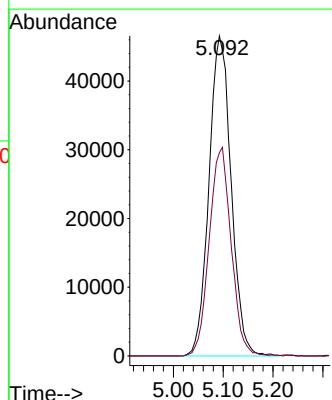
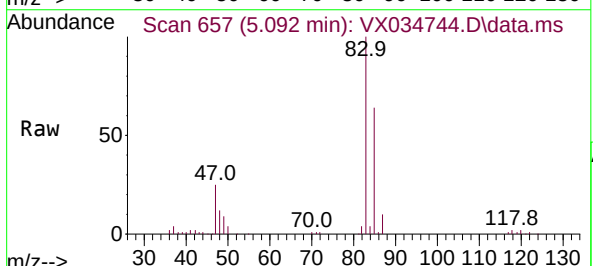
Delta R.T. 0.006 min

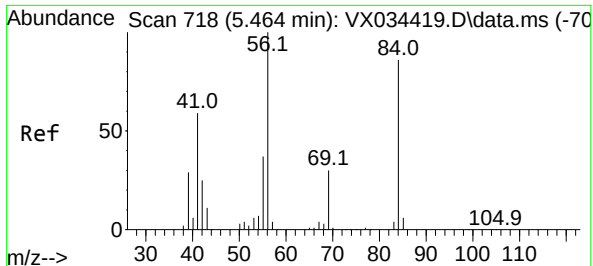
Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion: 83 Resp: 143878

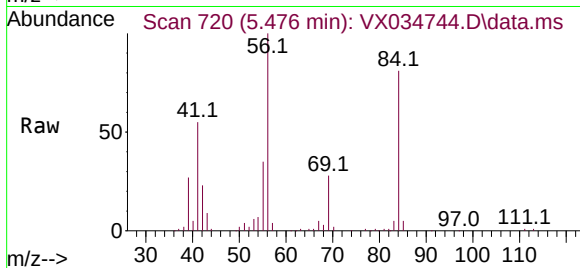
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	76.0





#31
Cyclohexane
Concen: 19.411 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

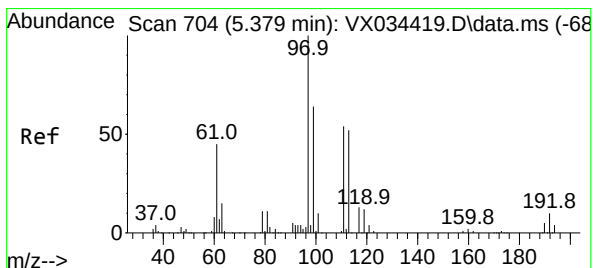
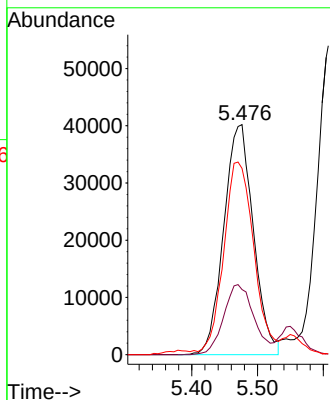
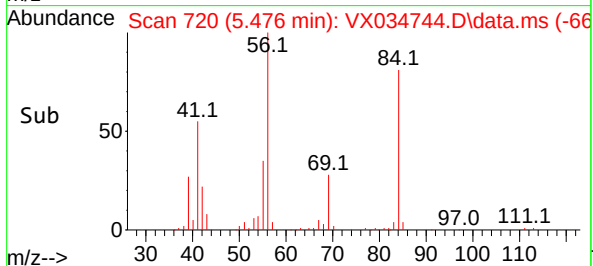
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 56 Resp: 125912
Ion Ratio Lower Upper
56 100
69 28.3 23.7 35.5
84 79.0 68.5 102.7

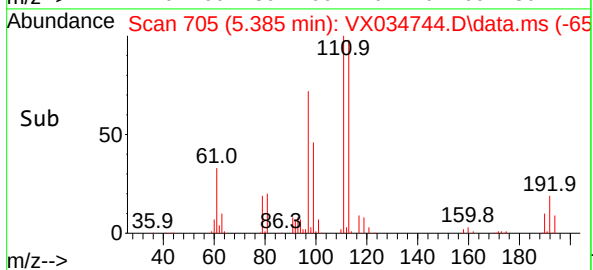
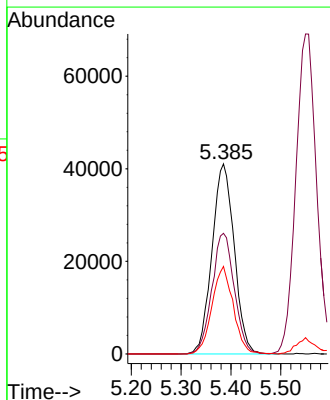
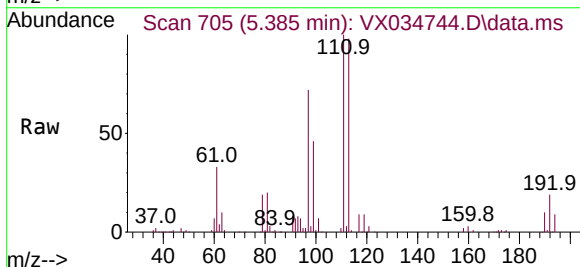
Manual Integrations
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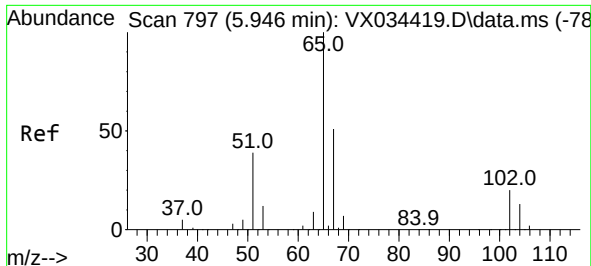
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#32
1,1,1-Trichloroethane
Concen: 20.240 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 97 Resp: 127020
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 44.1 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 47.299 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

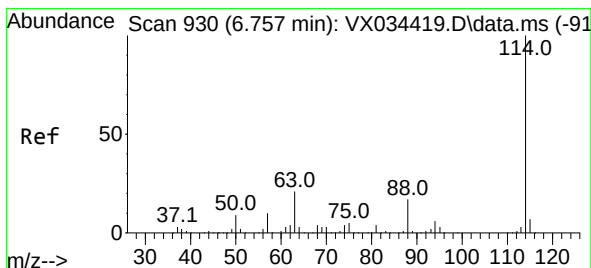
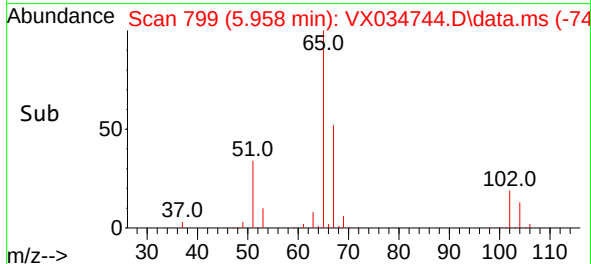
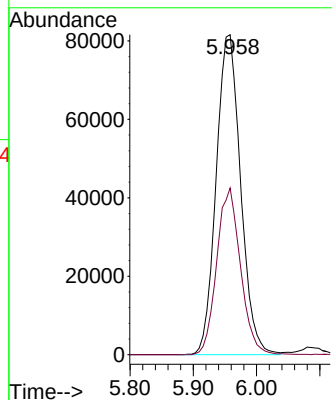
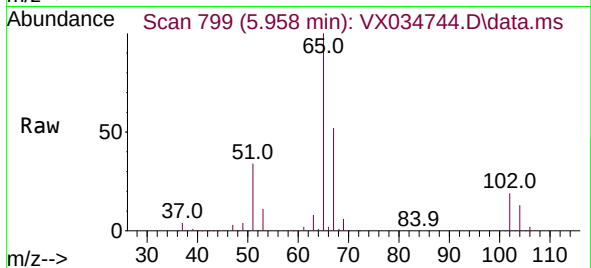
VX0327WBSD01

Tgt Ion: 65 Resp: 21877
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

Manual Integrations

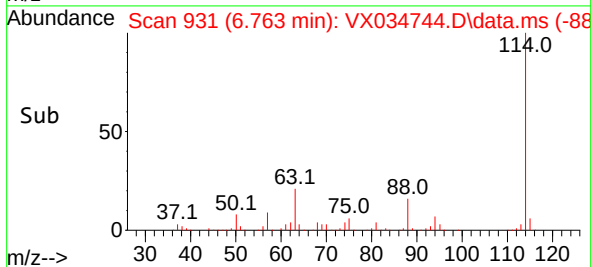
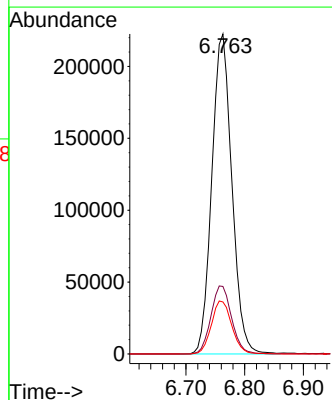
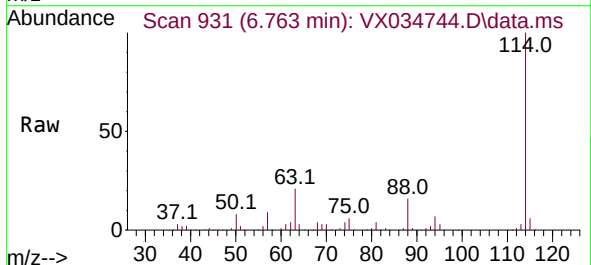
APPROVED

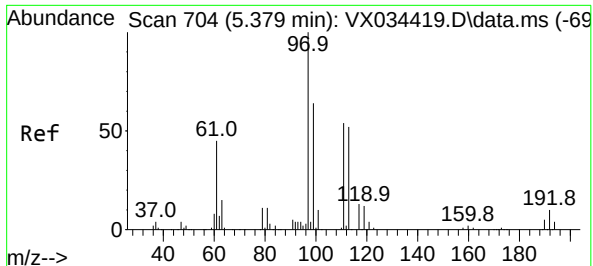
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion:114 Resp: 526995
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.914 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034744.D

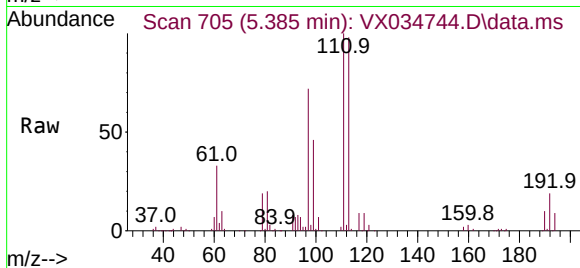
Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01



Tgt Ion:113 Resp: 16323

Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

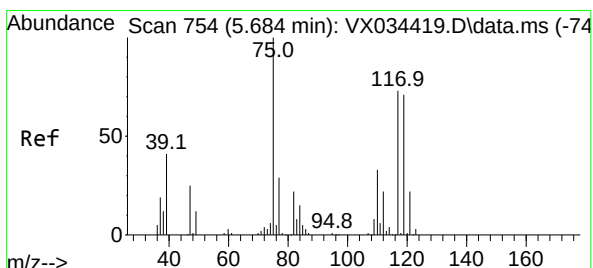
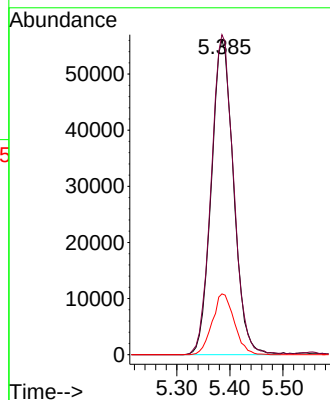
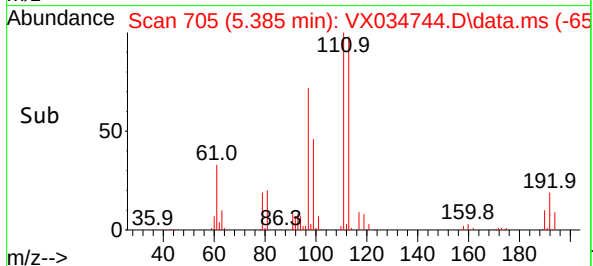
192 19.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#36

1,1-Dichloropropene

Concen: 19.786 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.012 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

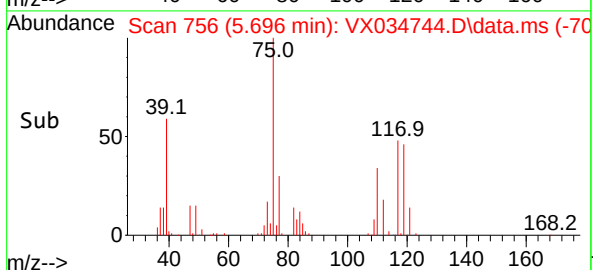
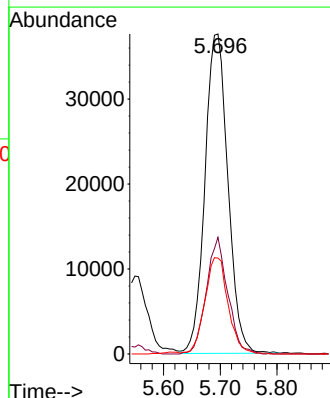
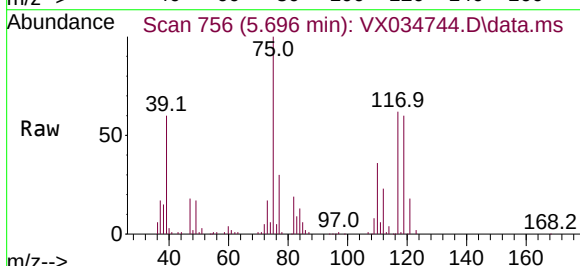
Tgt Ion: 75 Resp: 105740

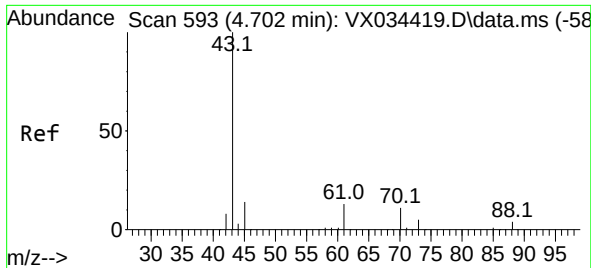
Ion Ratio Lower Upper

75 100

110 34.1 17.5 52.5

77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 19.213 ug/l

RT: 4.714 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

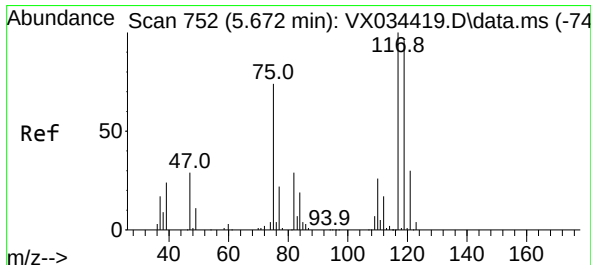
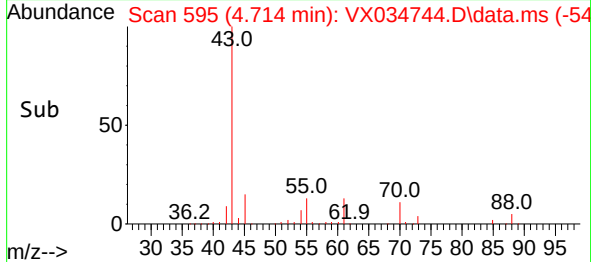
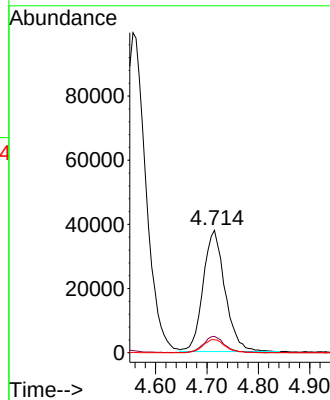
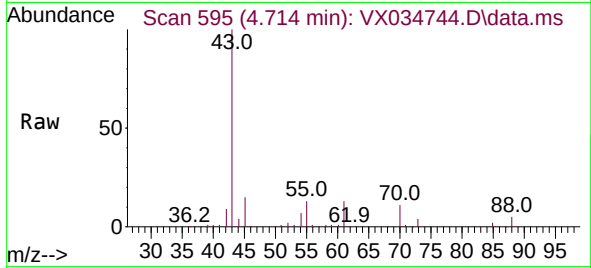
Tgt Ion: 43	Resp: 11217
Ion Ratio	Lower Upper
43 100	
61 13.1	10.2 15.4
70 10.9	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#38

Carbon Tetrachloride

Concen: 19.938 ug/l

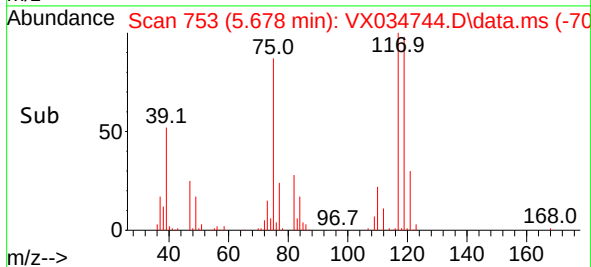
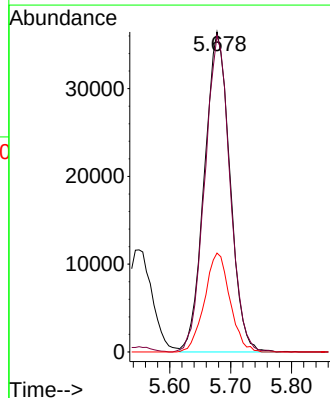
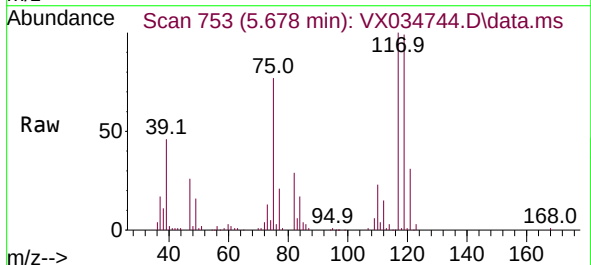
RT: 5.678 min Scan# 753

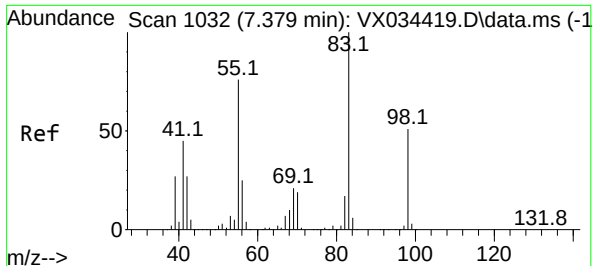
Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion: 117	Resp: 106003
Ion Ratio	Lower Upper
117 100	
119 98.7	76.6 114.8
121 30.9	23.8 35.6





#39

Methylcyclohexane

Concen: 19.184 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 83 Resp: 122694

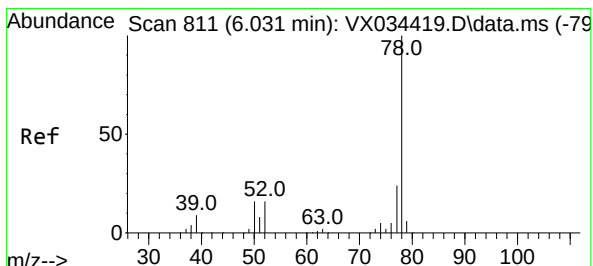
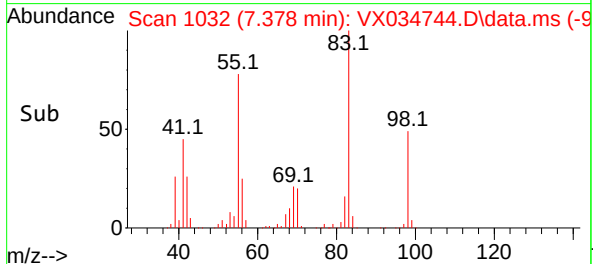
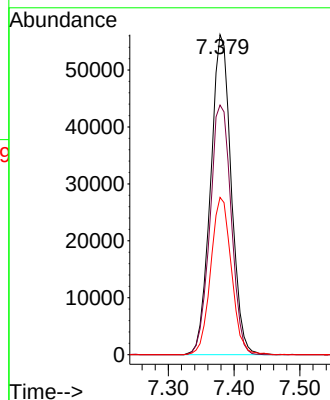
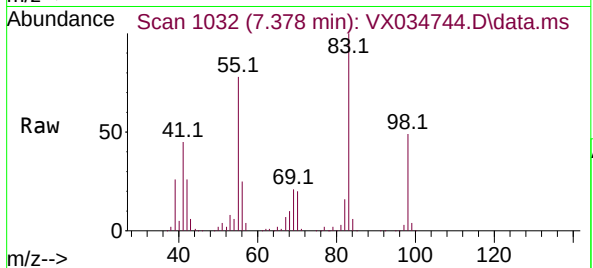
Ion	Ratio	Lower	Upper
83	100		
55	78.0	60.5	90.7
98	49.1	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#40

Benzene

Concen: 19.333 ug/l

RT: 6.037 min Scan# 812

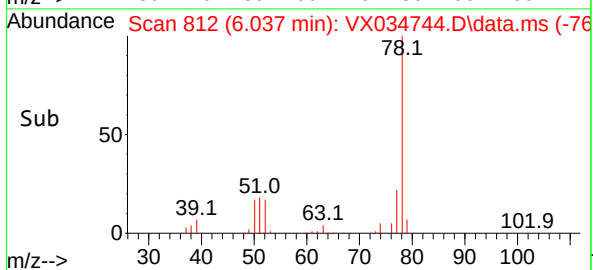
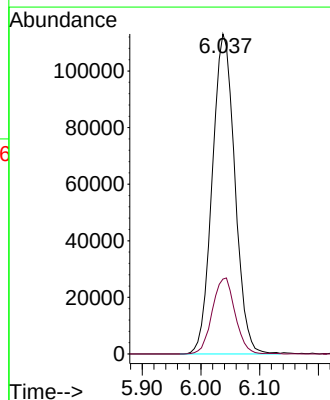
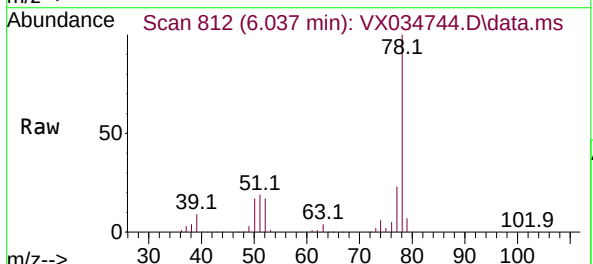
Delta R.T. 0.006 min

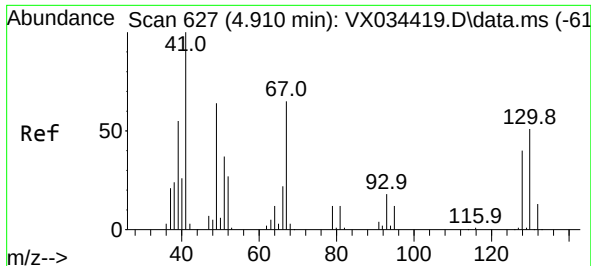
Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion: 78 Resp: 302255

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





#41
Methacrylonitrile
Concen: 20.187 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

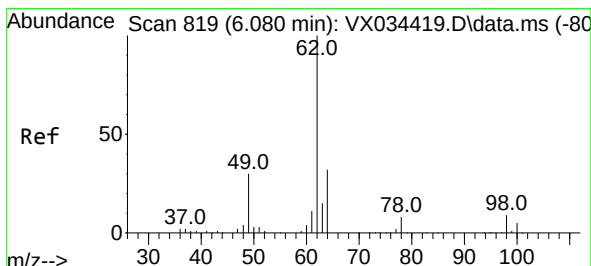
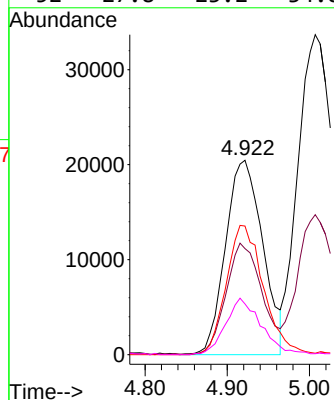
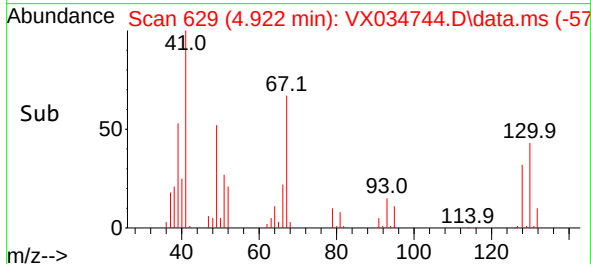
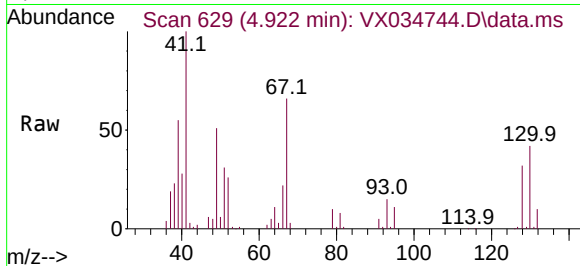
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 41 Resp: 6459

Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.0	67.6
67	66.3	55.6	83.4
52	27.8	23.2	34.8

Manual Integrations
APPROVED

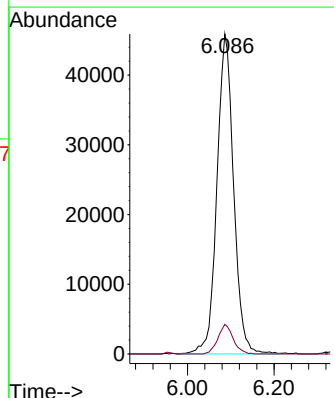
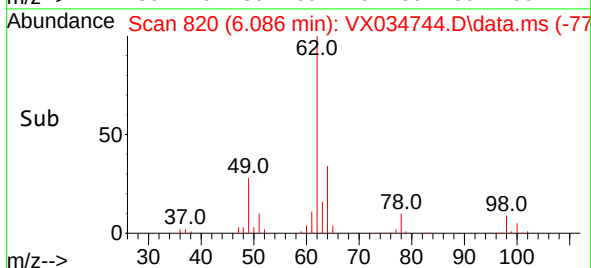
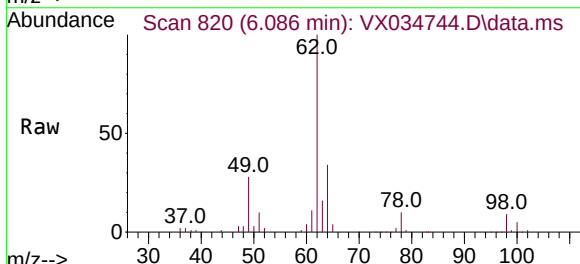
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

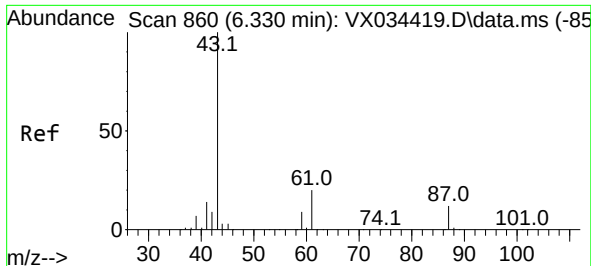


#42
1,2-Dichloroethane
Concen: 21.388 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 62 Resp: 122890

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.123 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

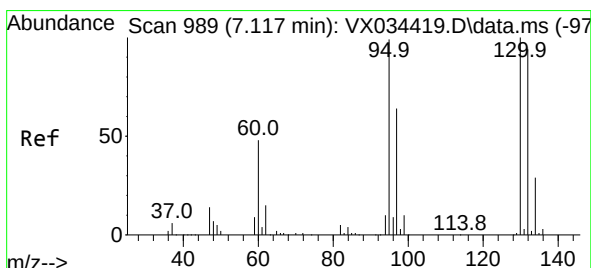
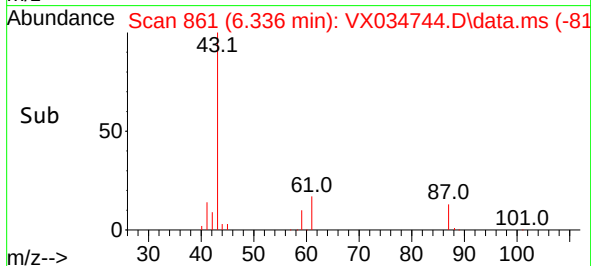
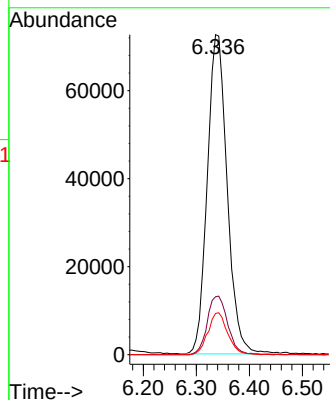
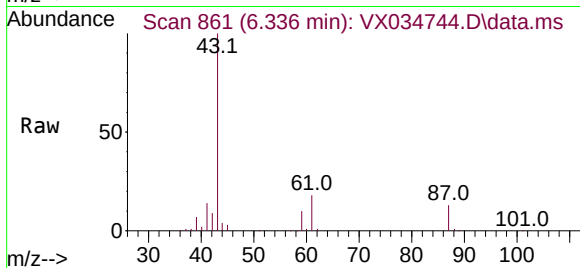
Tgt Ion:	43	Resp:	18914
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.9	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#44

Trichloroethene

Concen: 19.422 ug/l

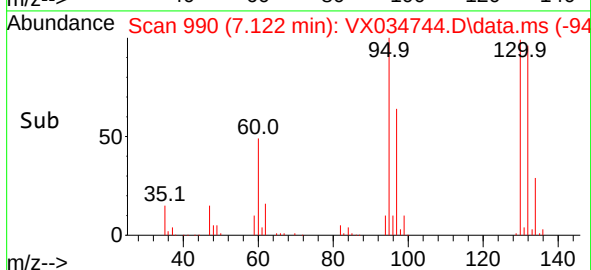
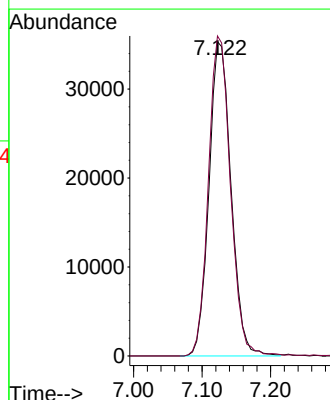
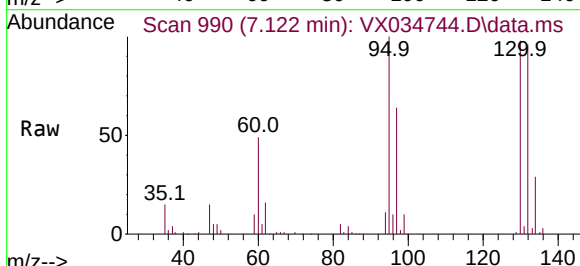
RT: 7.122 min Scan# 990

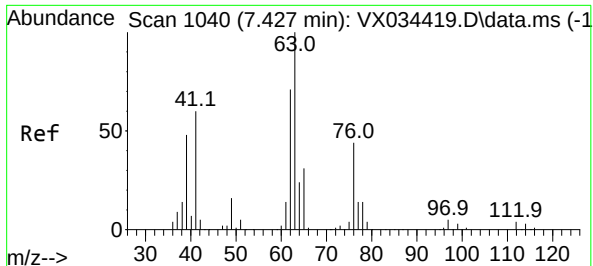
Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion:	130	Resp:	78896
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	198.4





#45

1,2-Dichloropropane

Concen: 19.426 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 63 Resp: 7929

Ion Ratio Lower Upper

63 100

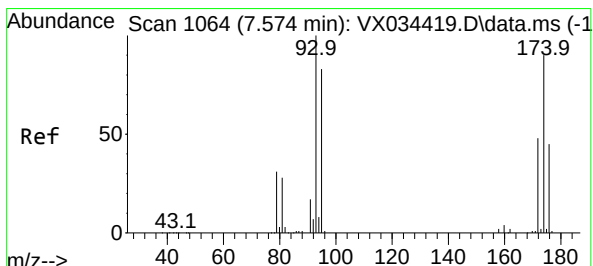
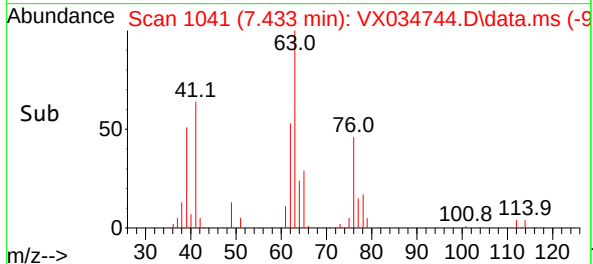
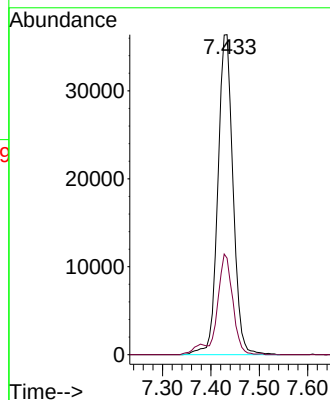
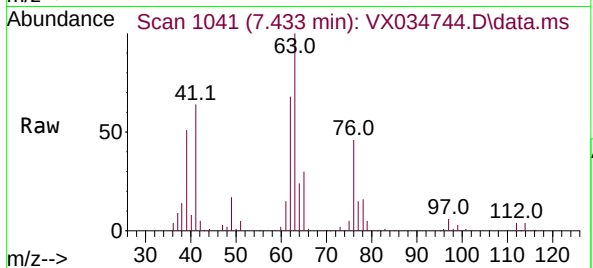
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#46

Dibromomethane

Concen: 18.995 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

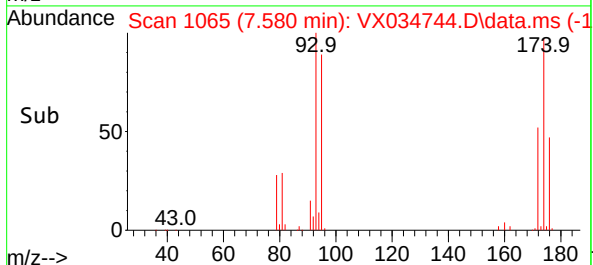
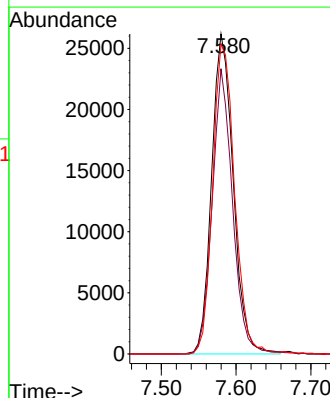
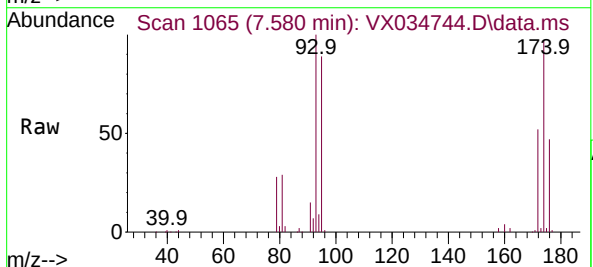
Tgt Ion: 93 Resp: 52714

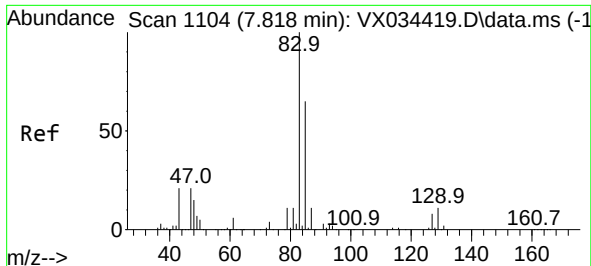
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

174 97.9 75.4 113.0





#47

Bromodichloromethane

Concen: 18.929 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

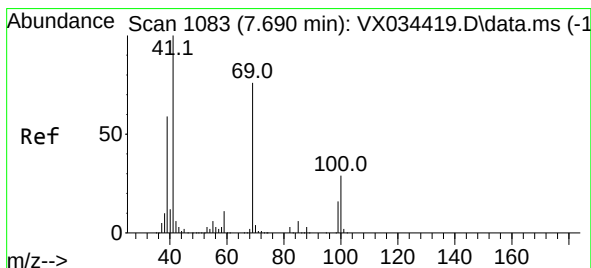
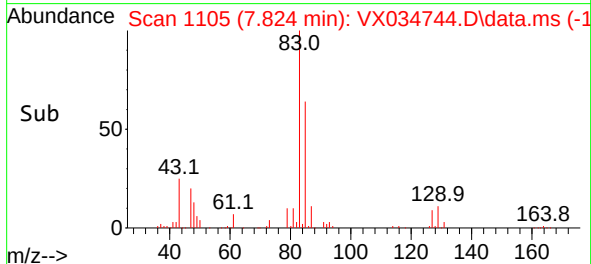
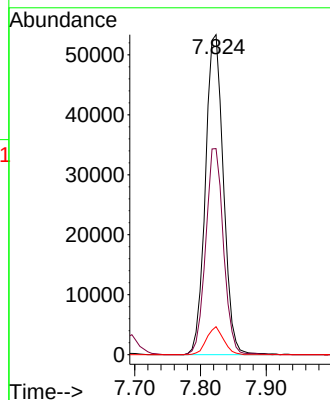
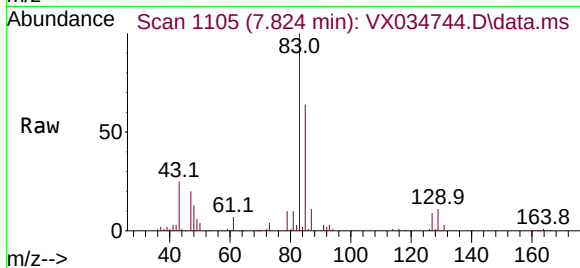
Tgt Ion: 83 Resp: 10167
 Ion Ratio Lower Upper
 83 100
 85 64.4 52.2 78.4
 127 8.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#48

Methyl methacrylate

Concen: 19.960 ug/l

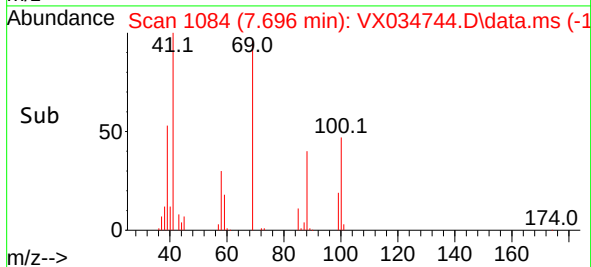
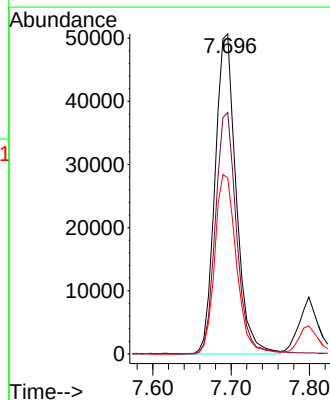
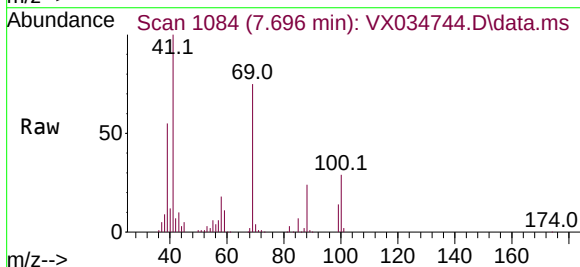
RT: 7.696 min Scan# 1084

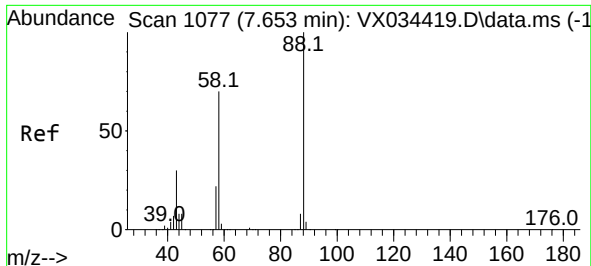
Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion: 41 Resp: 94946
 Ion Ratio Lower Upper
 41 100
 69 75.6 62.2 93.4
 39 57.7 47.7 71.5





#49

1,4-Dioxane

Concen: 397.806 ug/l

RT: 7.696 min Scan# 1077

Delta R.T. 0.042 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 88 Resp: 39740

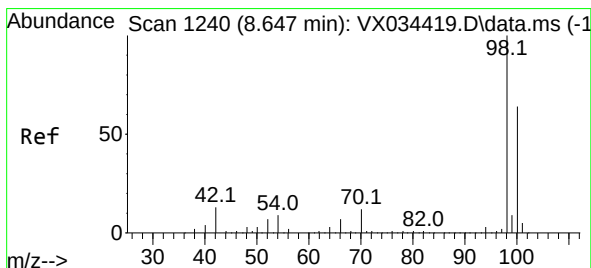
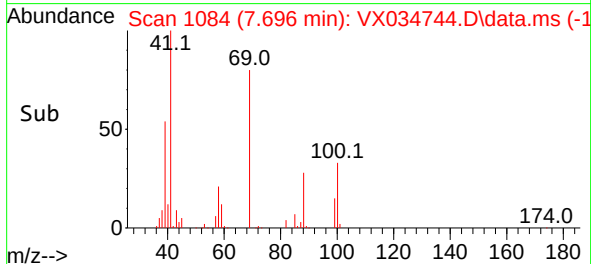
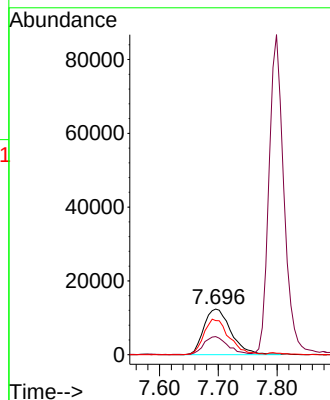
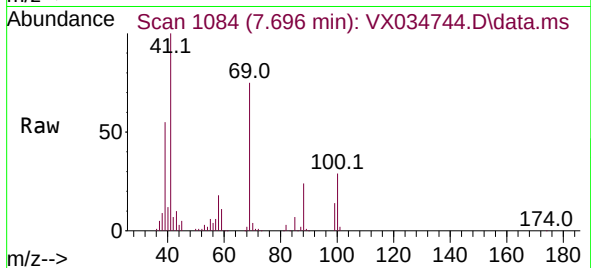
Ion	Ratio	Lower	Upper
88	100		
43	34.5	27.7	41.5
58	72.2	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#50

Toluene-d8

Concen: 44.813 ug/l

RT: 8.647 min Scan# 1240

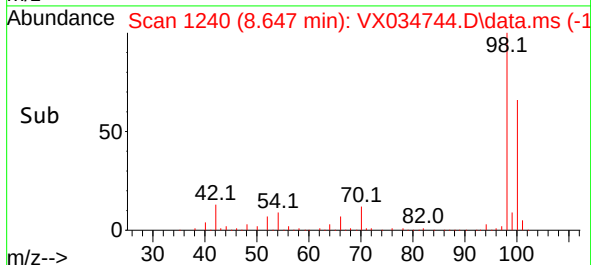
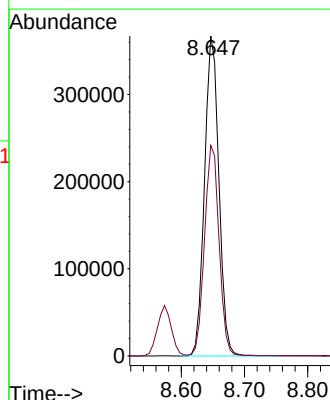
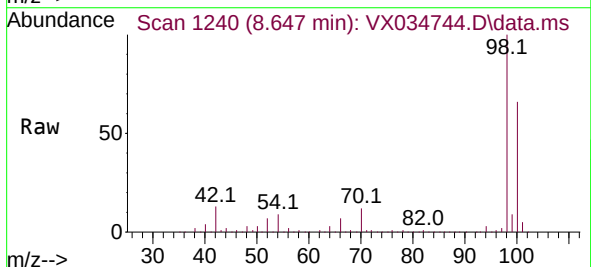
Delta R.T. -0.000 min

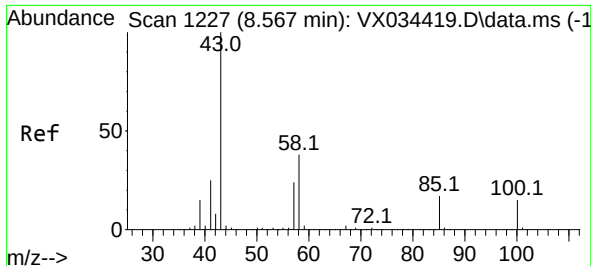
Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion: 98 Resp: 582083

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 99.819 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

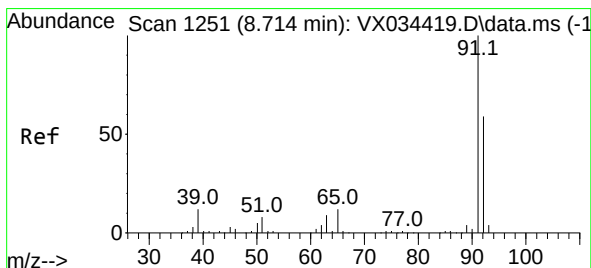
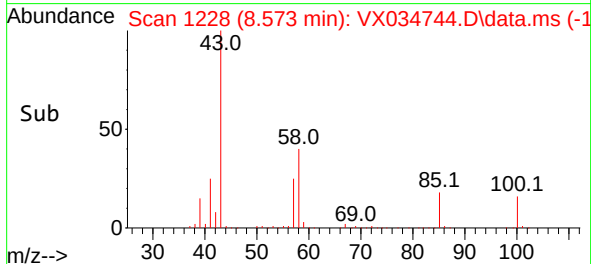
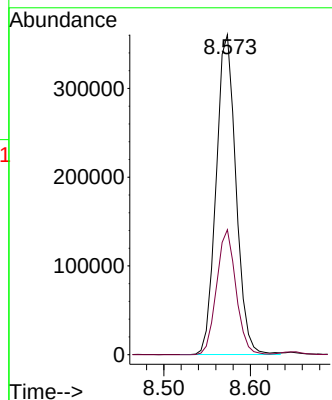
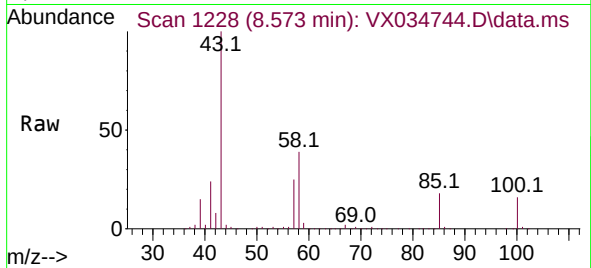
VX0327WBSD01

Tgt Ion: 43 Resp: 572729
Ion Ratio Lower Upper
43 100
58 38.2 30.6 46.0

Manual Integrations

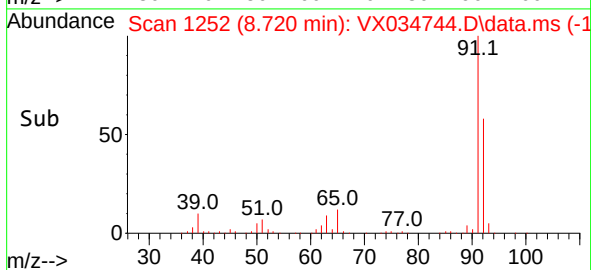
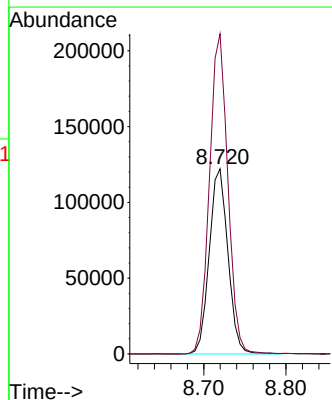
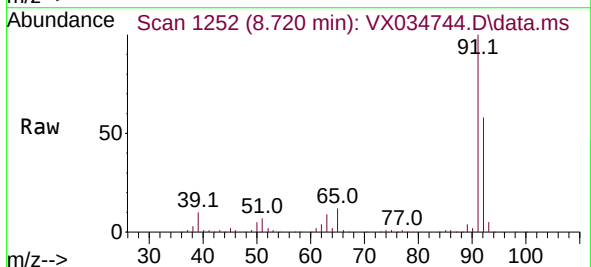
APPROVED

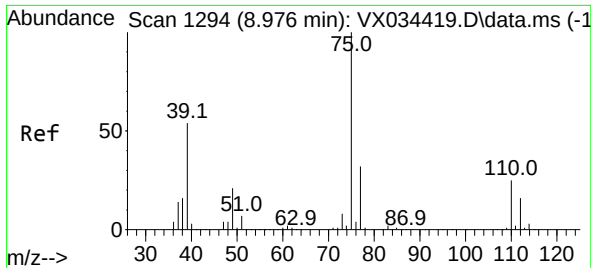
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#52
Toluene
Concen: 19.904 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 92 Resp: 192649
Ion Ratio Lower Upper
92 100
91 170.6 136.8 205.2





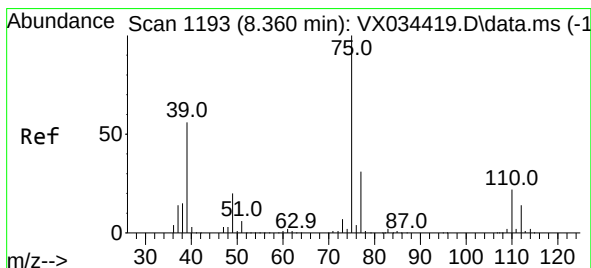
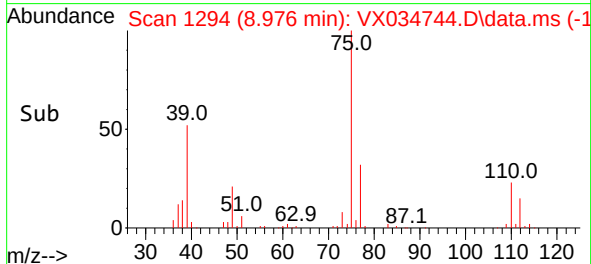
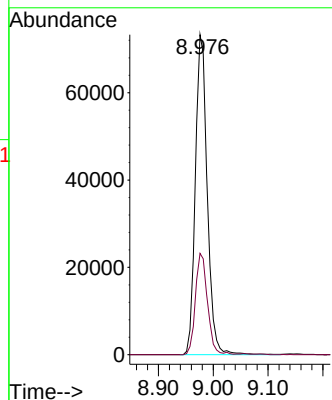
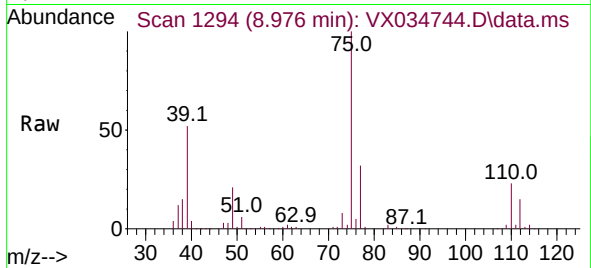
#53
t-1,3-Dichloropropene
Concen: 18.360 ug/l
RT: 8.976 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 75 Resp: 111099
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

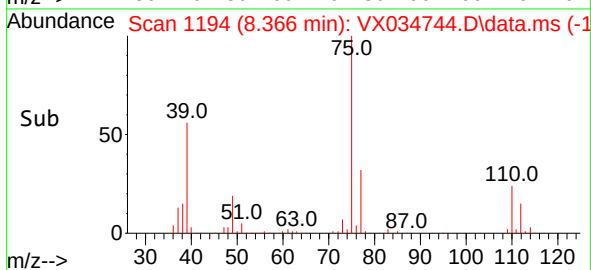
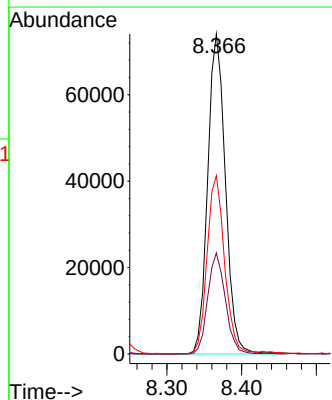
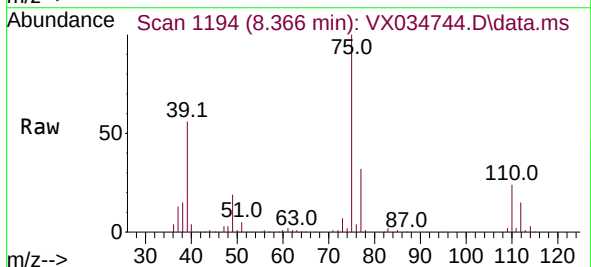
Manual Integrations
APPROVED

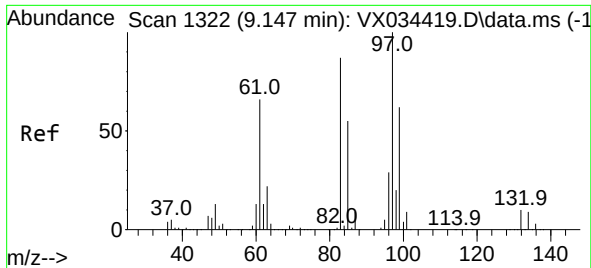
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#54
cis-1,3-Dichloropropene
Concen: 18.562 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

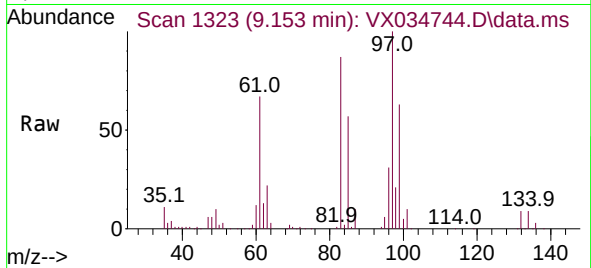
Tgt Ion: 75 Resp: 121518
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 55.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.867 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

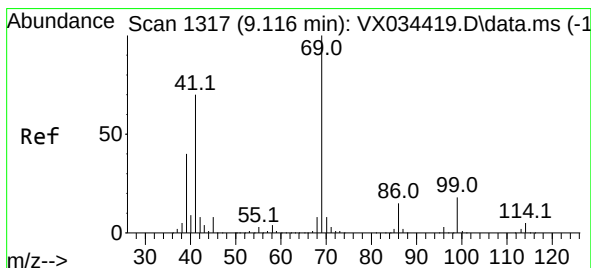
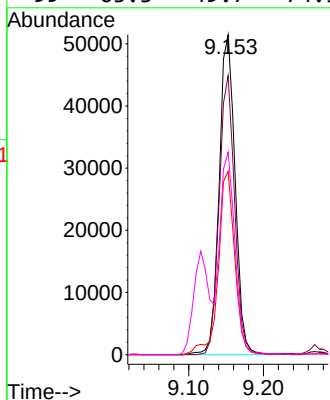
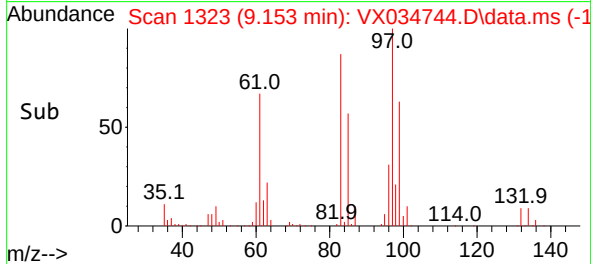
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



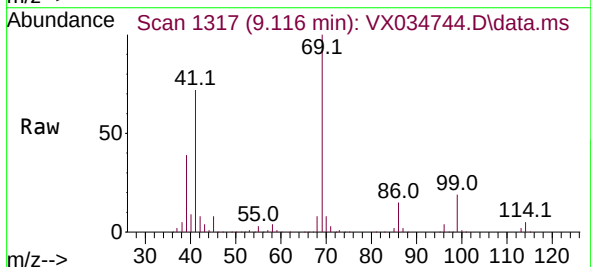
Tgt Ion: 97 Resp: 76314
Ion Ratio Lower Upper
97 100
83 87.2 69.7 104.5
85 57.3 43.7 65.5
99 63.3 49.7 74.5

Manual Integrations
APPROVED

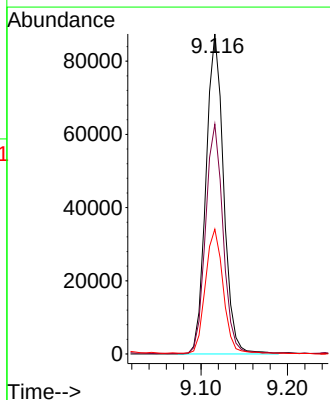
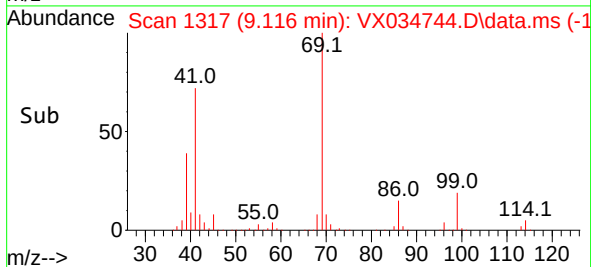
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

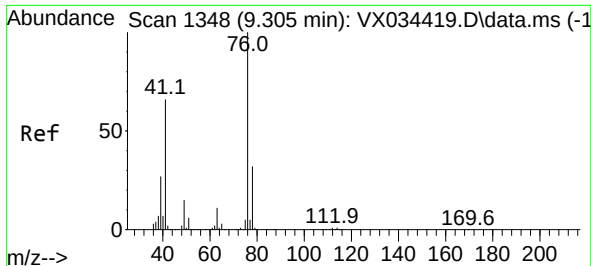


#56
Ethyl methacrylate
Concen: 19.615 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44



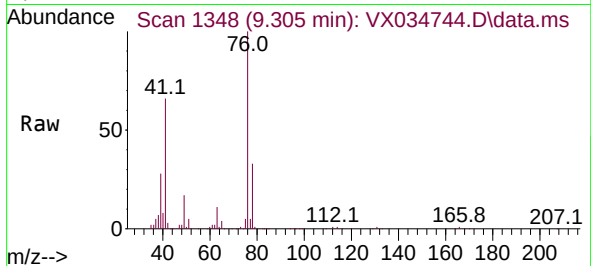
Tgt Ion: 69 Resp: 123711
Ion Ratio Lower Upper
69 100
41 71.2 57.4 86.0
39 39.3 33.7 50.5





#57
1,3-Dichloropropane
Concen: 19.746 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

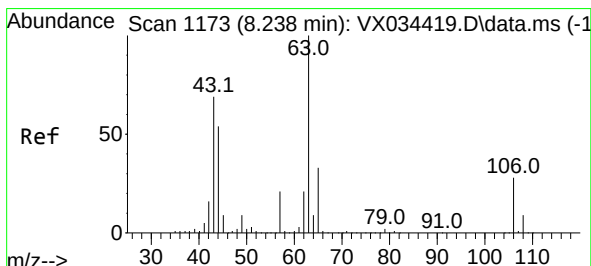
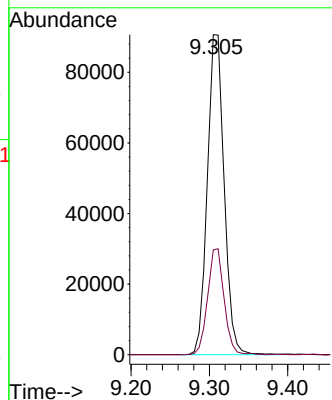
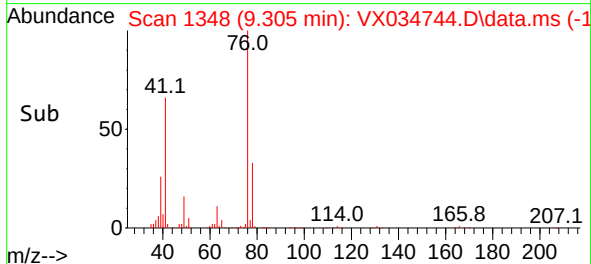
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 76 Resp: 134810
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

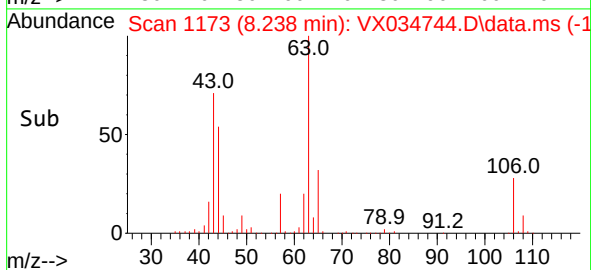
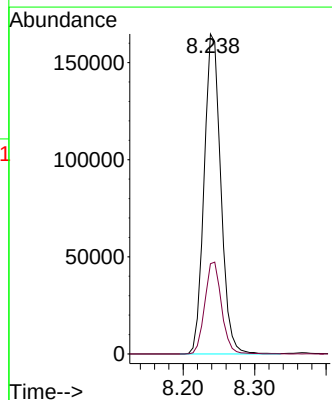
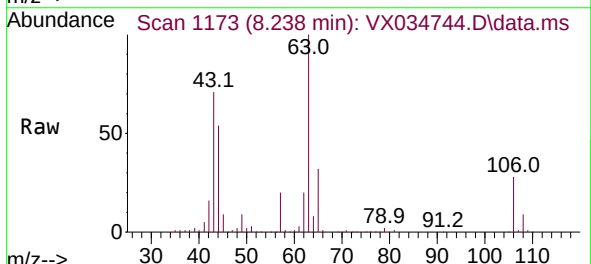
Manual Integrations
APPROVED

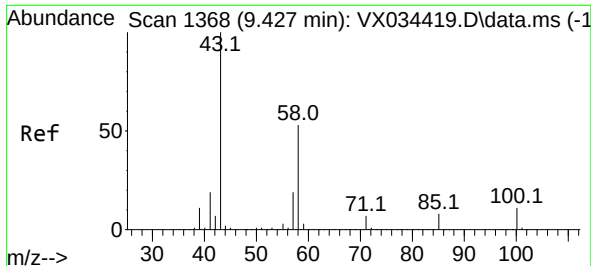
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 82.149 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

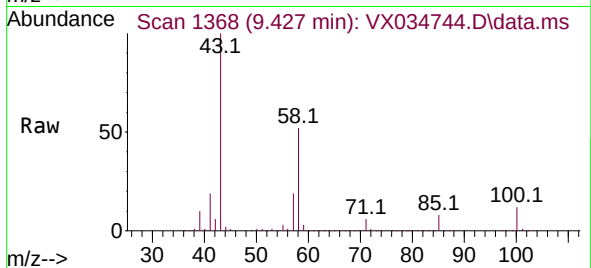
Tgt Ion: 63 Resp: 267013
Ion Ratio Lower Upper
63 100
106 28.8 22.2 33.2





#59
2-Hexanone
Concen: 97.534 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

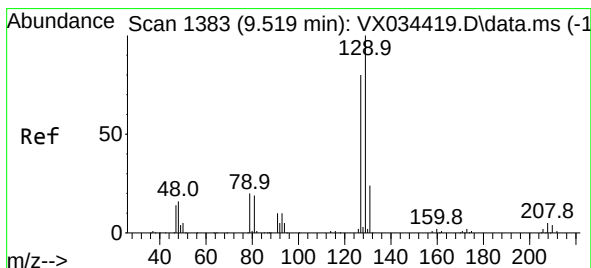
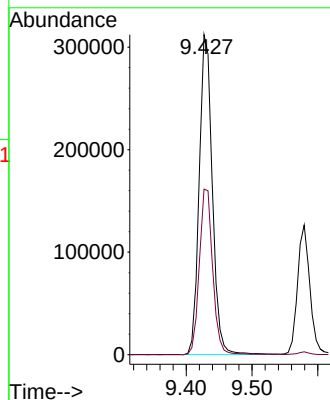
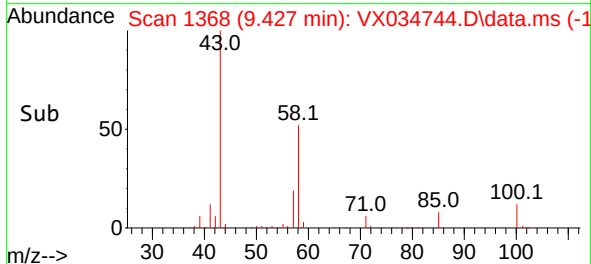
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 43 Resp: 43259
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.9

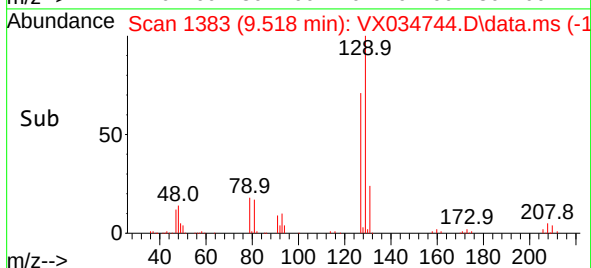
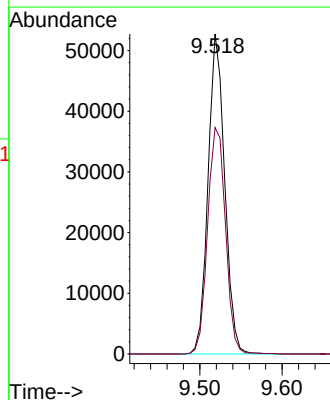
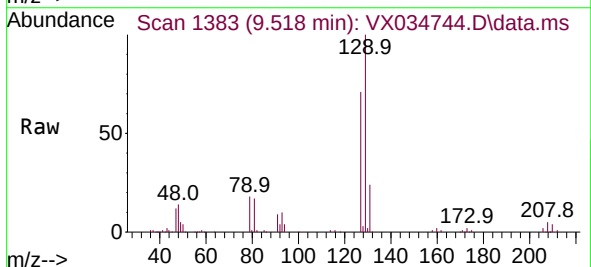
Manual Integrations
APPROVED

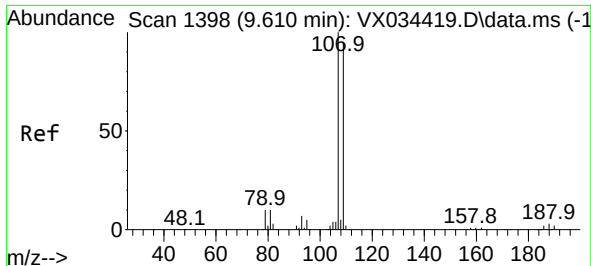
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#60
Dibromochloromethane
Concen: 18.359 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

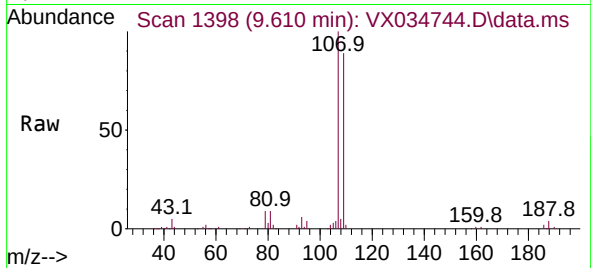
Tgt Ion:129 Resp: 73964
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.668 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

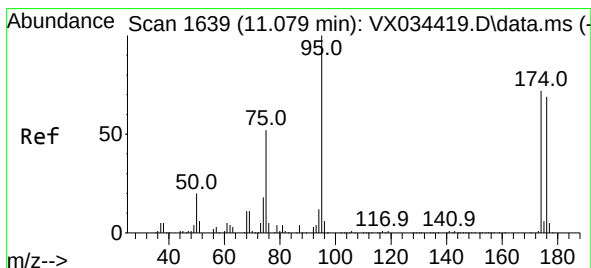
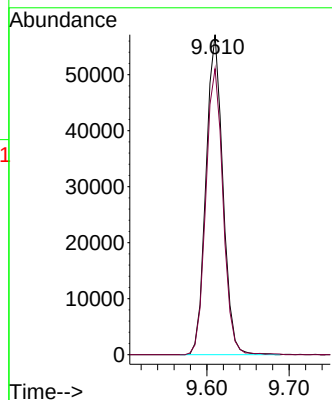
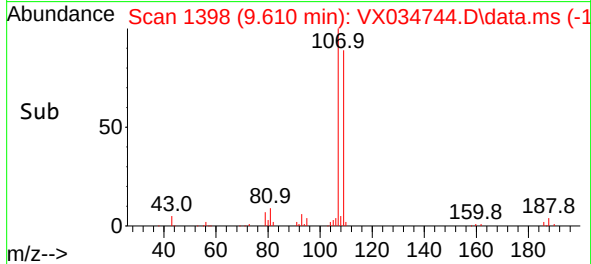
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



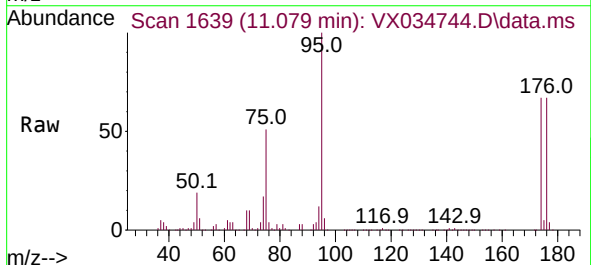
Tgt Ion:107 Resp: 81528
Ion Ratio Lower Upper
107 100
109 91.3 75.3 112.9

Manual Integrations
APPROVED

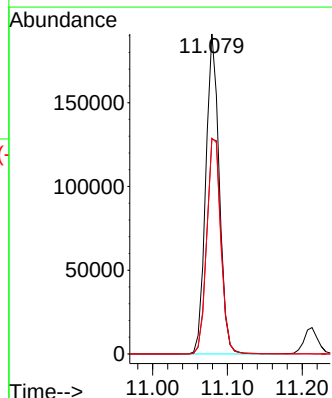
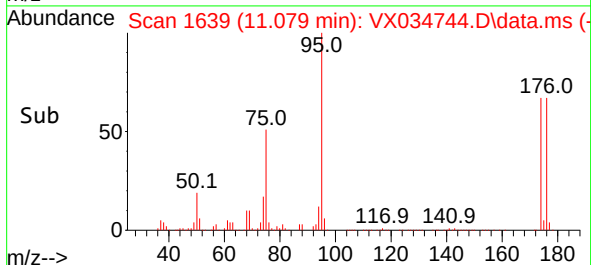
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

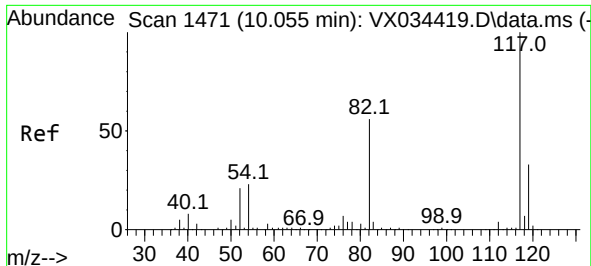


#62
4-Bromofluorobenzene
Concen: 45.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44



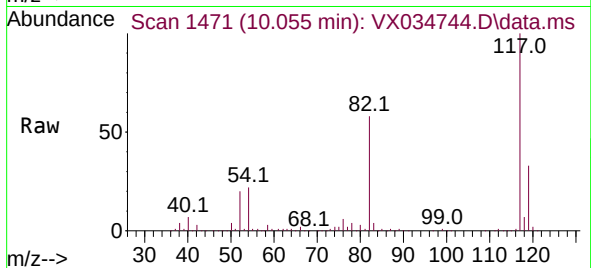
Tgt Ion: 95 Resp: 238182
Ion Ratio Lower Upper
95 100
174 71.4 0.0 147.4
176 70.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

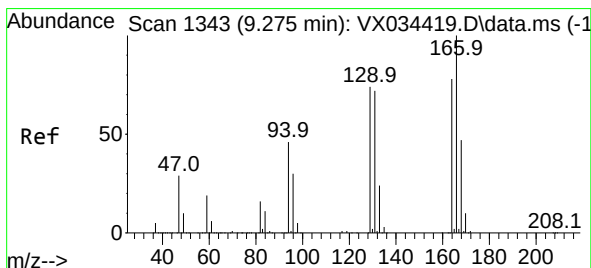
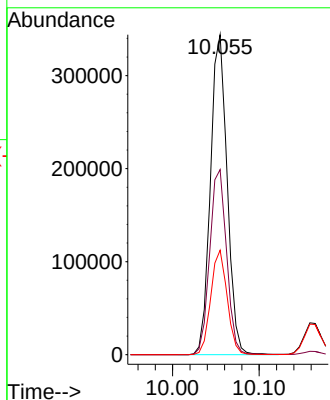
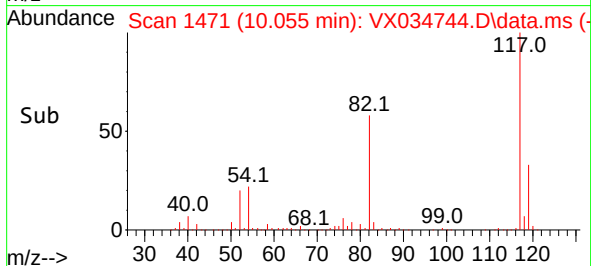
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:117 Resp: 461019
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.7 26.0 39.0

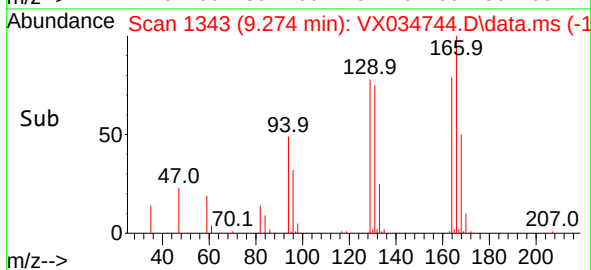
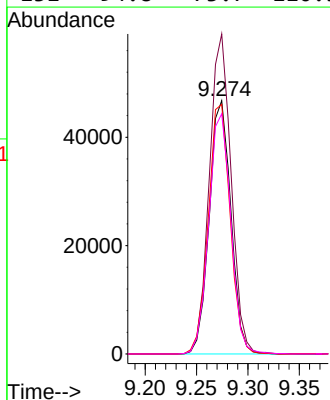
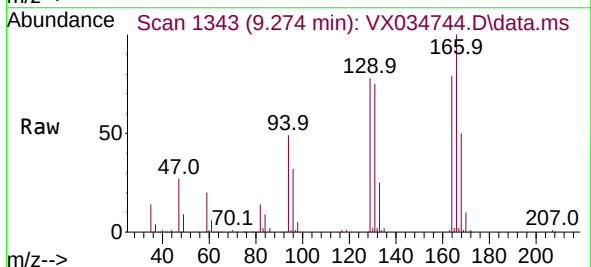
Manual Integrations
APPROVED

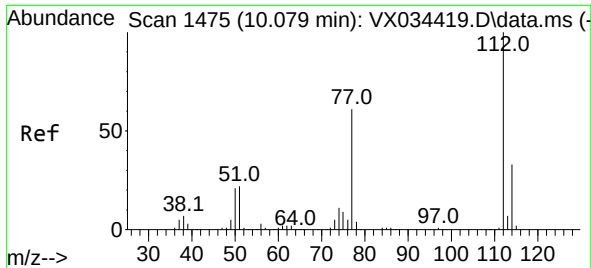
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#64
Tetrachloroethene
Concen: 22.037 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion:164 Resp: 68244
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 98.5 75.6 113.4
131 94.8 73.7 110.5





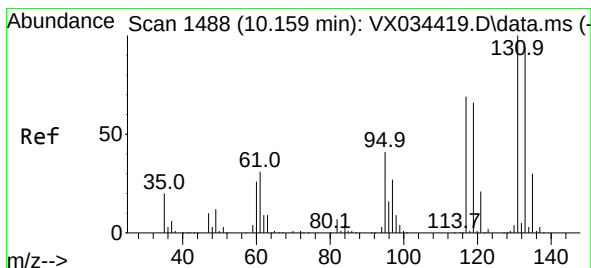
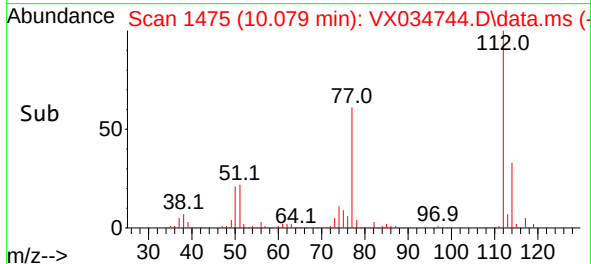
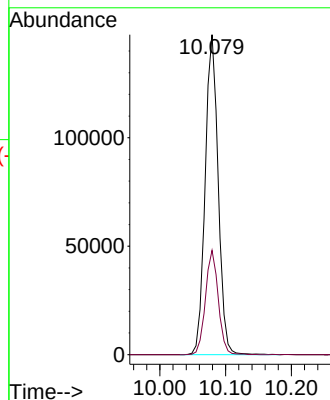
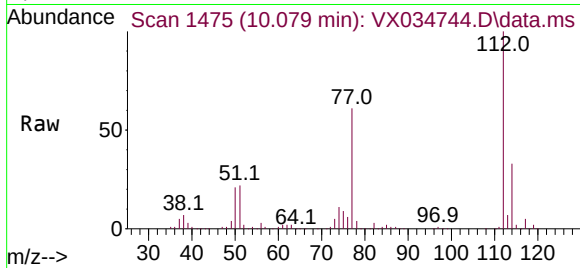
#65
Chlorobenzene
Concen: 20.077 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:112 Resp: 20308
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

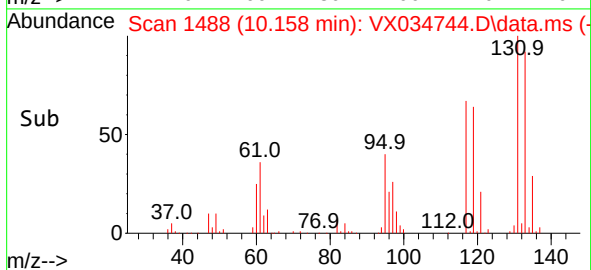
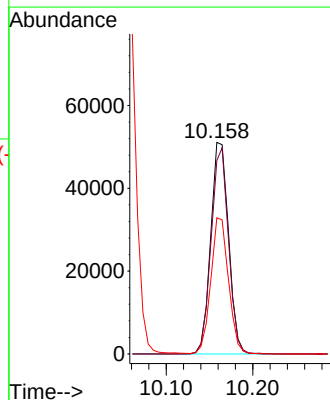
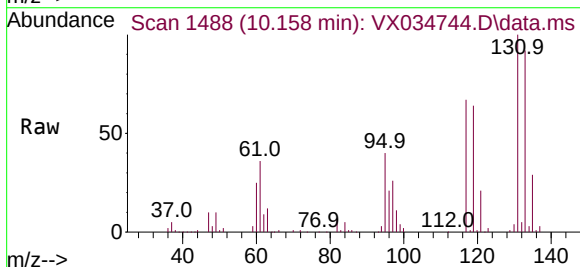
Manual Integrations
APPROVED

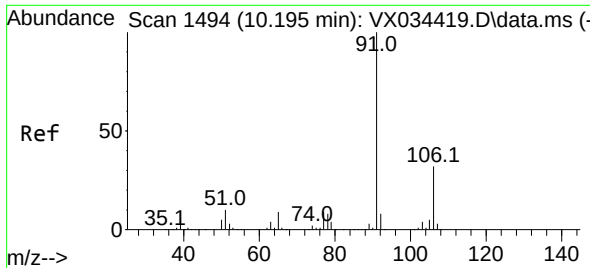
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.800 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

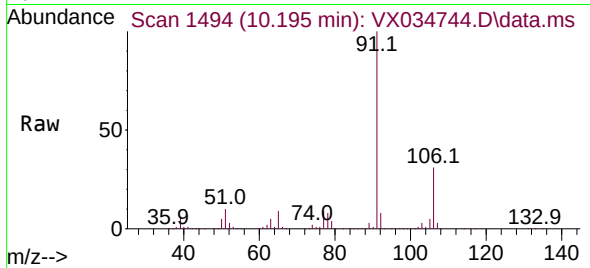
Tgt Ion:131 Resp: 72943
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 64.0 32.6 98.0





#67
Ethyl Benzene
Concen: 20.746 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

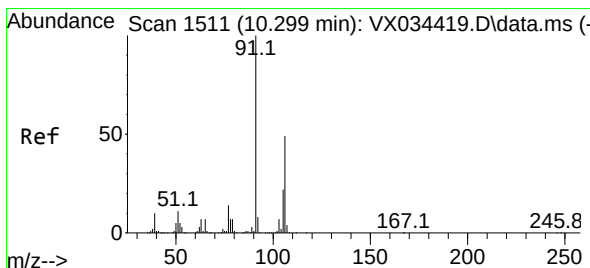
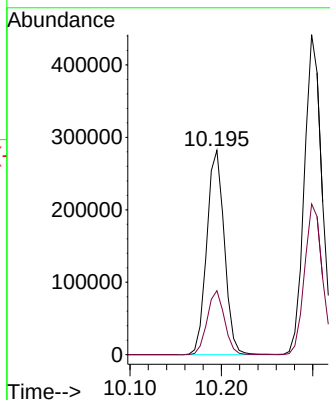
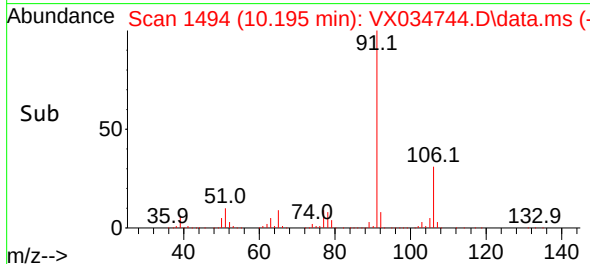
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 91 Resp: 375674
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

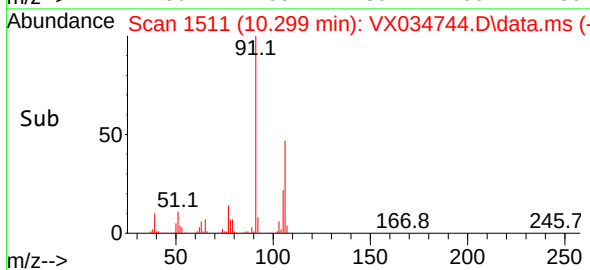
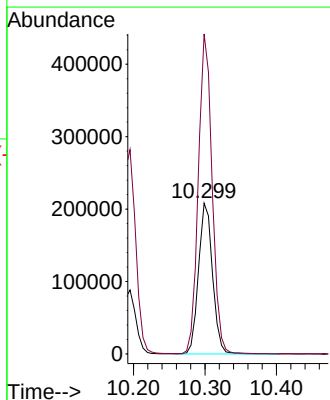
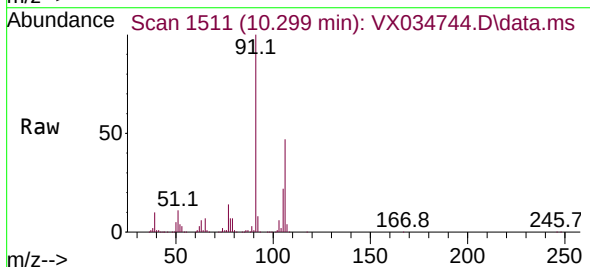
Manual Integrations
APPROVED

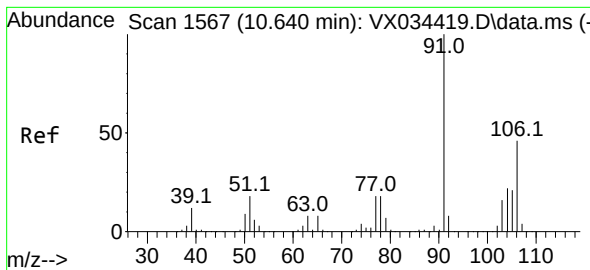
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#68
m/p-Xylenes
Concen: 40.659 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion:106 Resp: 282834
Ion Ratio Lower Upper
106 100
91 209.4 164.0 246.0





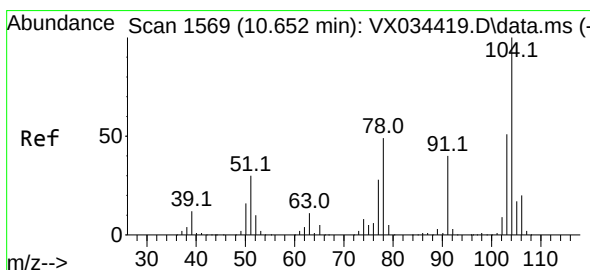
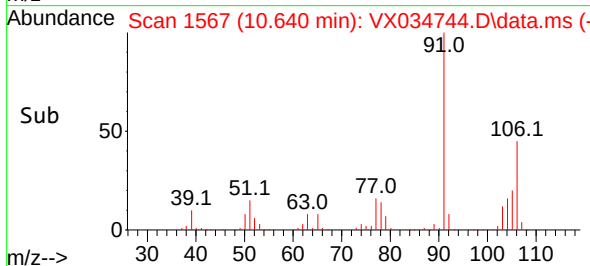
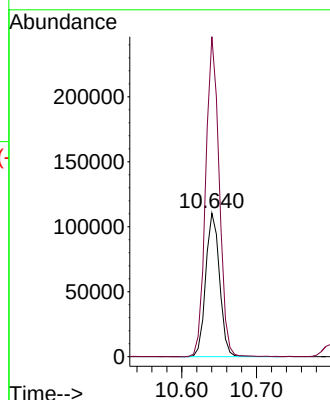
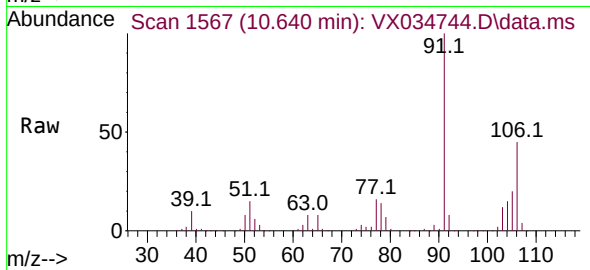
#69
o-Xylene
Concen: 20.277 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:106 Resp: 14155
Ion Ratio Lower Upper
106 100
91 218.8 108.5 325.3

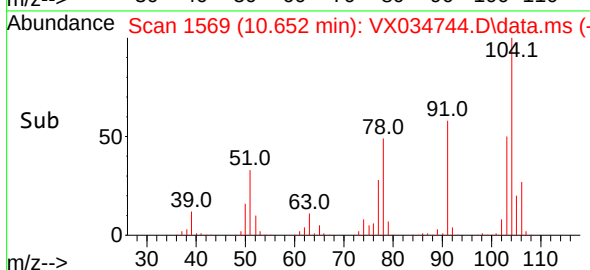
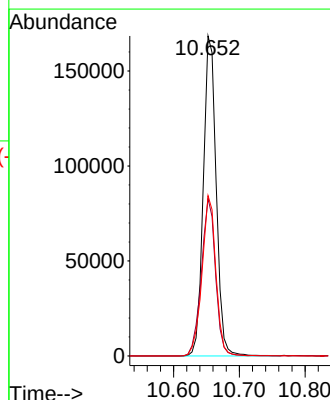
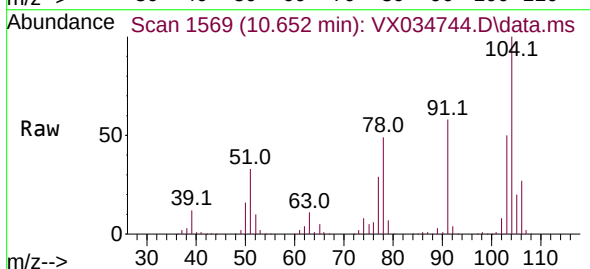
Manual Integrations
APPROVED

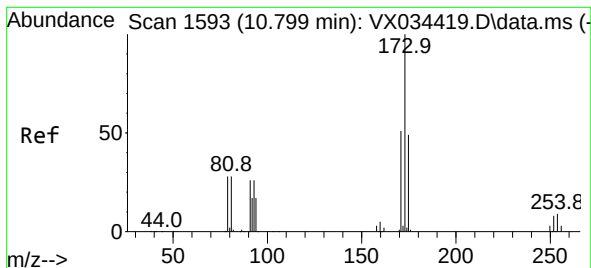
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#70
Styrene
Concen: 20.428 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion:104 Resp: 230074
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.2
103 53.8 44.2 66.2





#71

Bromoform

Concen: 16.797 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion:173 Resp: 4763

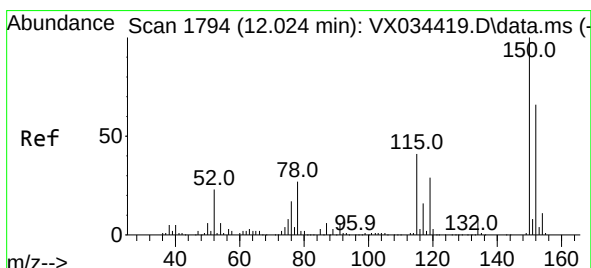
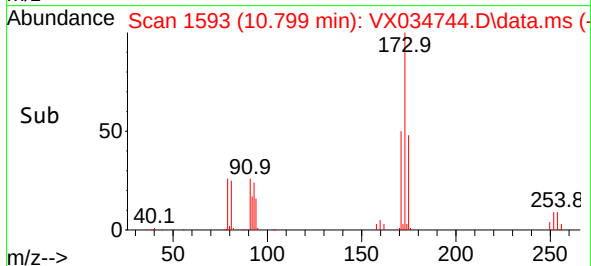
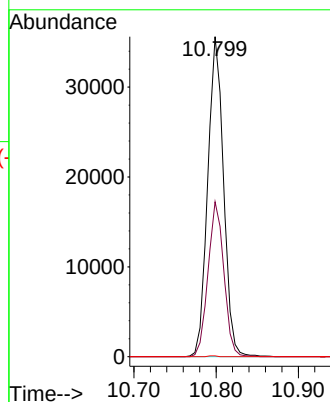
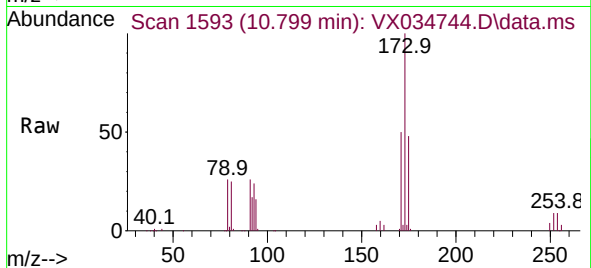
Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

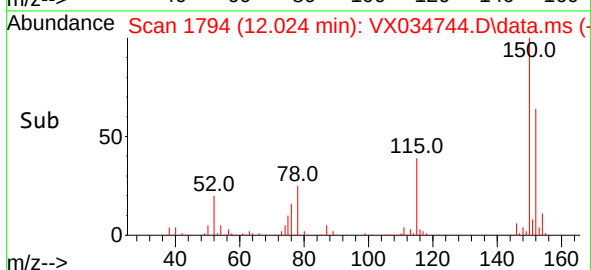
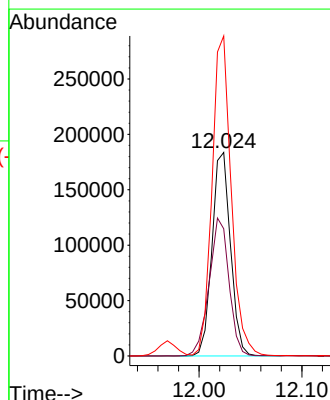
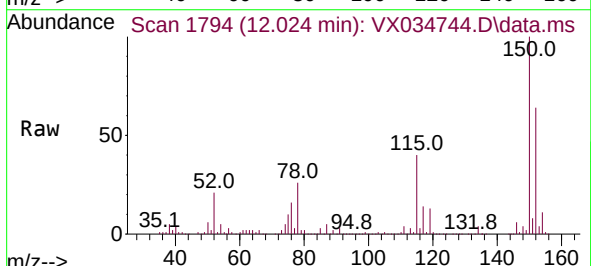
Delta R.T. -0.000 min

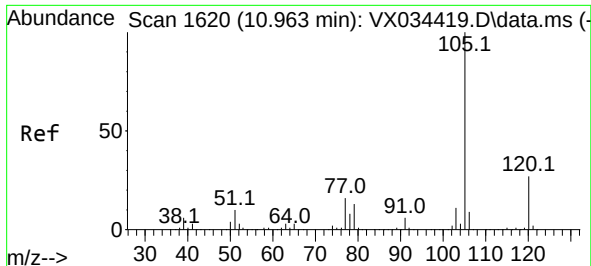
Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion:152 Resp: 228871

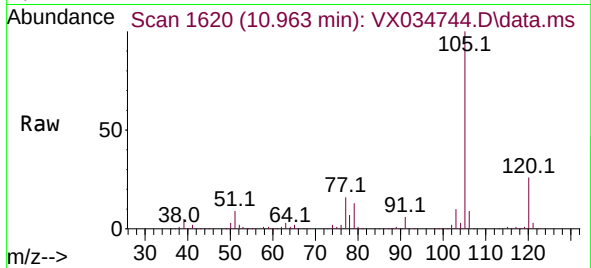
Ion	Ratio	Lower	Upper
152	100		
115	73.2	45.0	135.0
150	163.2	0.0	352.4





#73
Isopropylbenzene
Concen: 21.007 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

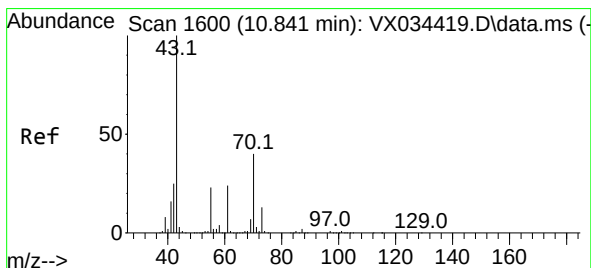
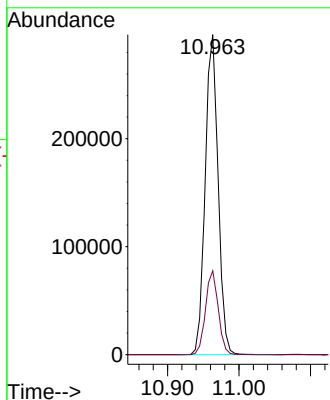
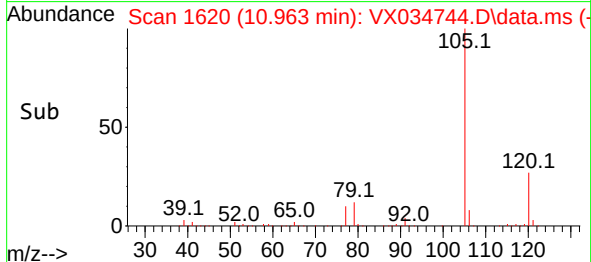
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



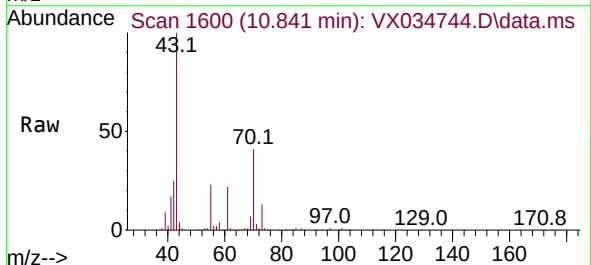
Tgt Ion:105 Resp: 371600
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.9

Manual Integrations
APPROVED

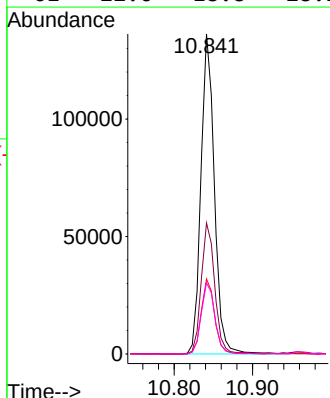
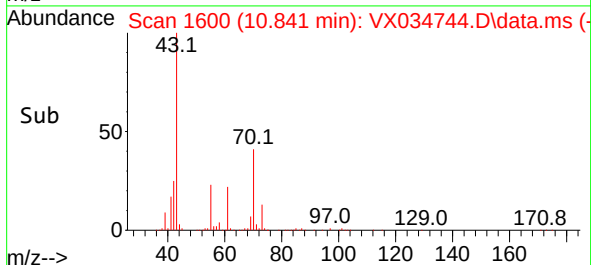
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

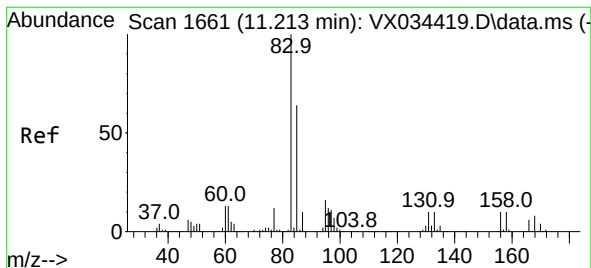


#74
N-ethyl acetate
Concen: 19.167 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44



Tgt Ion: 43 Resp: 162393
Ion Ratio Lower Upper
43 100
70 41.2 32.1 48.1
55 23.5 18.3 27.5
61 22.6 18.8 28.2





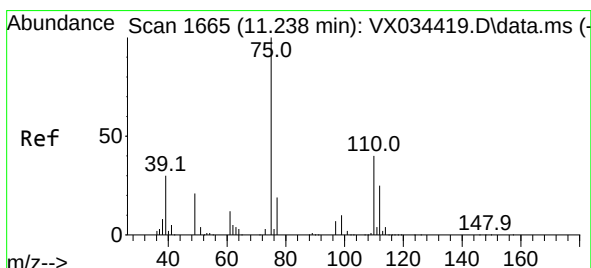
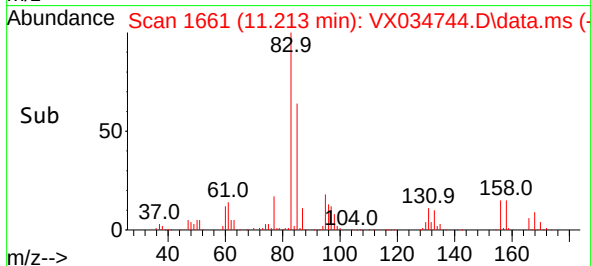
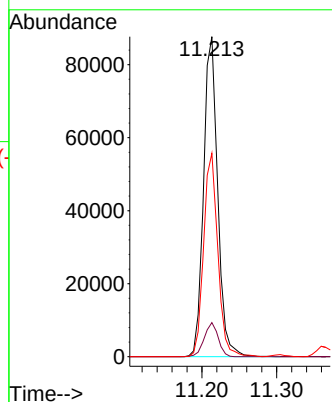
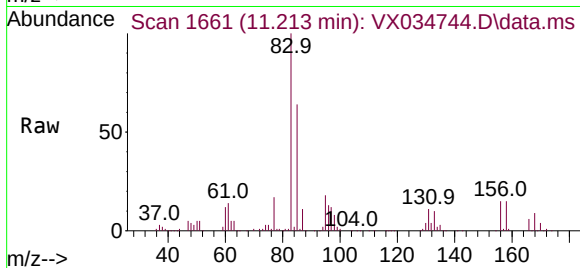
#75
1,1,2,2-Tetrachloroethane
Concen: 19.479 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 83 Resp: 11498
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.3
85 64.0 32.0 96.0

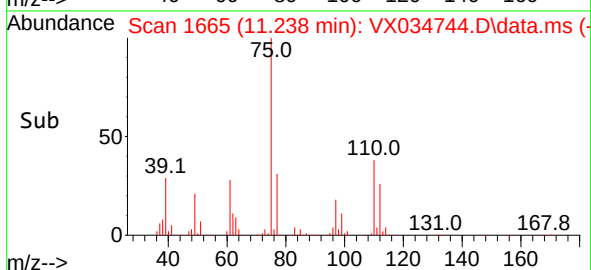
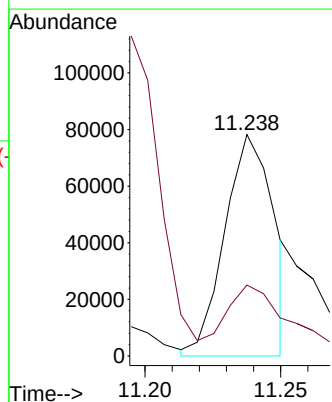
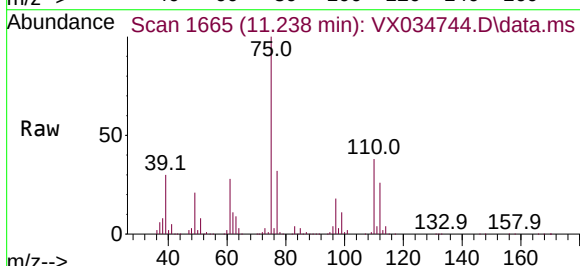
Manual Integrations
APPROVED

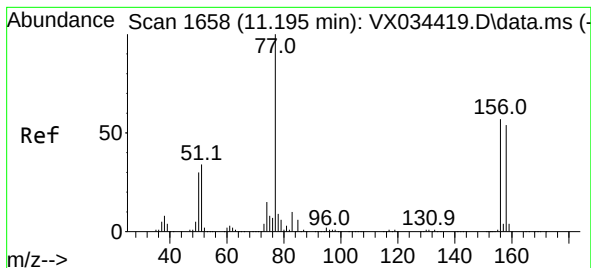
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#76
1,2,3-Trichloropropane
Concen: 18.748 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Tgt Ion: 75 Resp: 98521
Ion Ratio Lower Upper
75 100
77 42.4 21.6 64.8





#77

Bromobenzene

Concen: 20.588 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

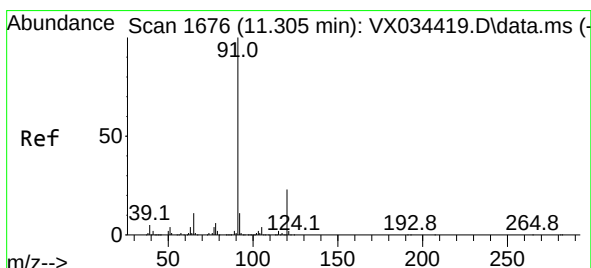
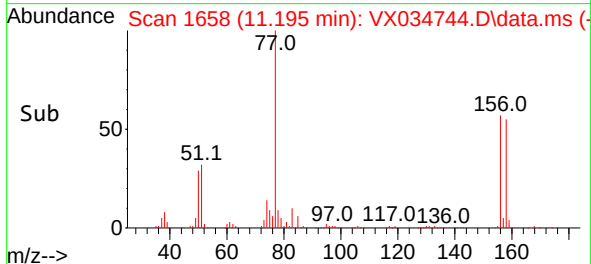
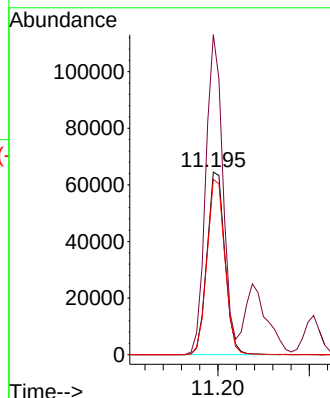
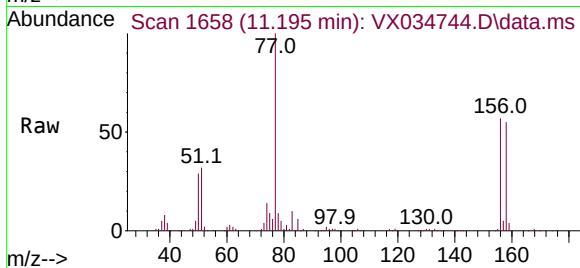
Tgt Ion:	156	Resp:	87374
Ion Ratio	Lower	Upper	
156	100		
77	167.9	86.7	259.9
158	96.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#78

n-propylbenzene

Concen: 20.690 ug/l

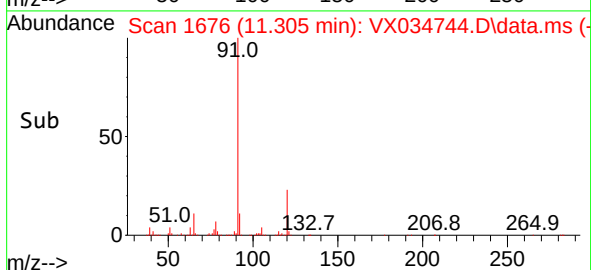
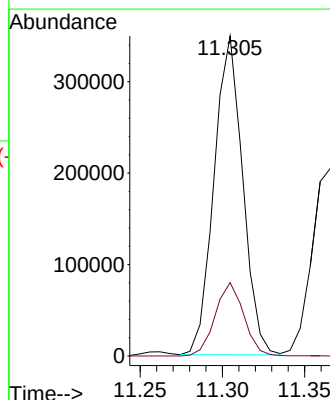
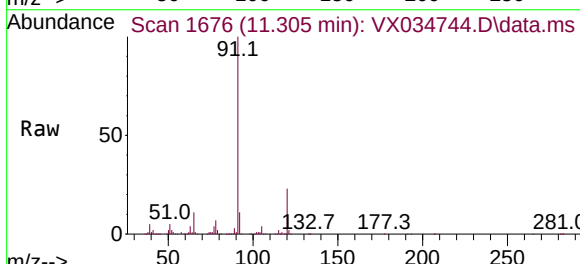
RT: 11.305 min Scan# 1676

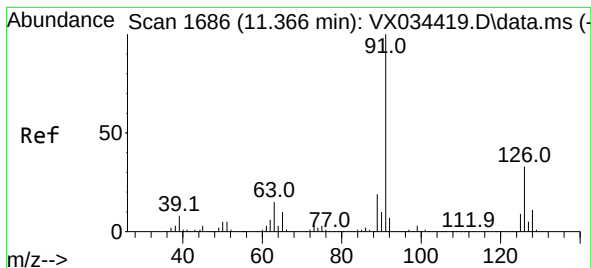
Delta R.T. -0.000 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Tgt Ion:	91	Resp:	422664
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.858 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 91 Resp: 26315

Ion Ratio Lower Upper

91 100

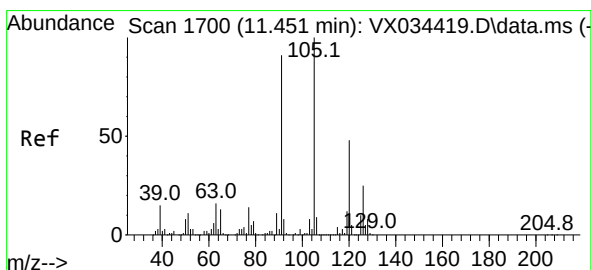
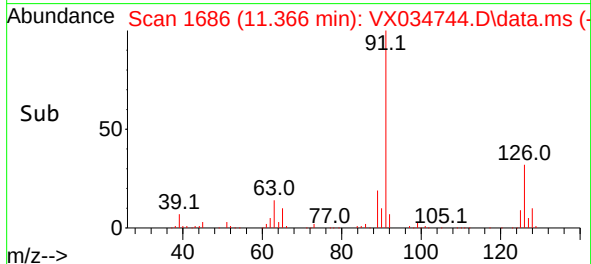
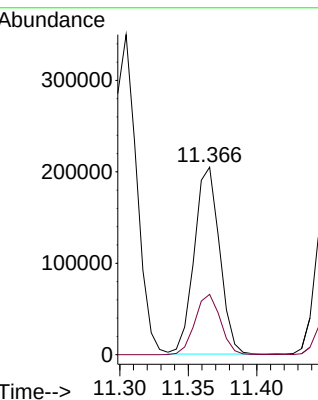
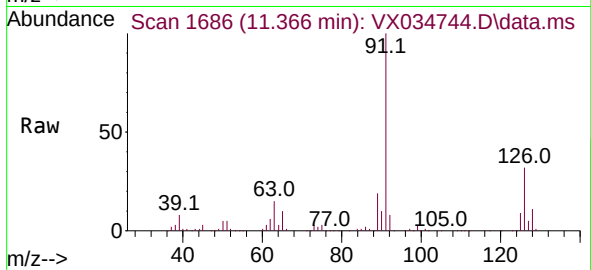
126 32.5 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.147 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034744.D

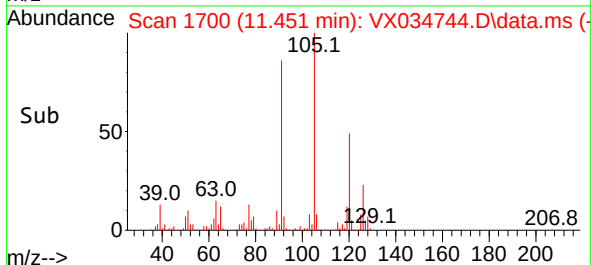
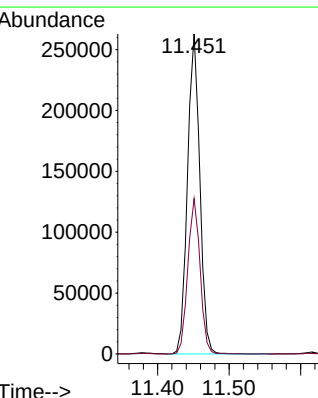
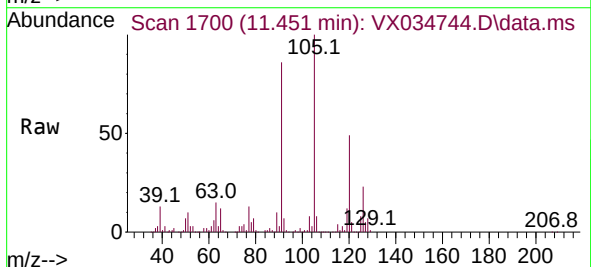
Acq: 27 Mar 2023 12:44

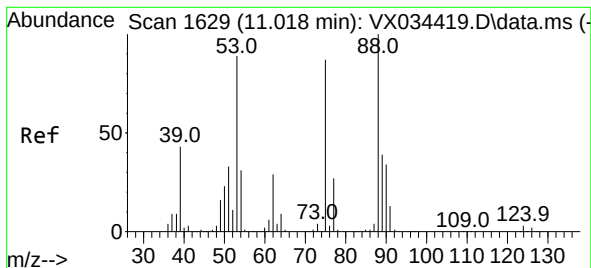
Tgt Ion:105 Resp: 313755

Ion Ratio Lower Upper

105 100

120 48.5 23.7 71.1





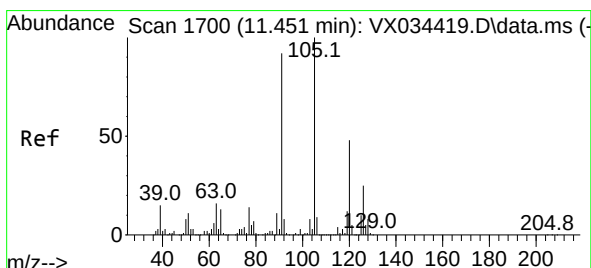
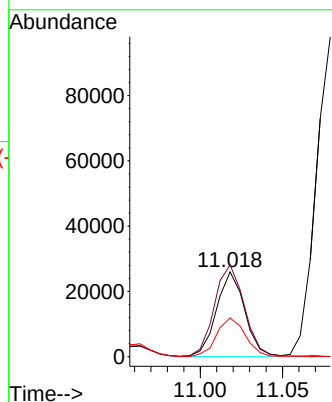
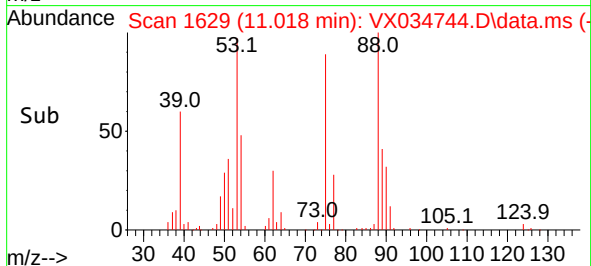
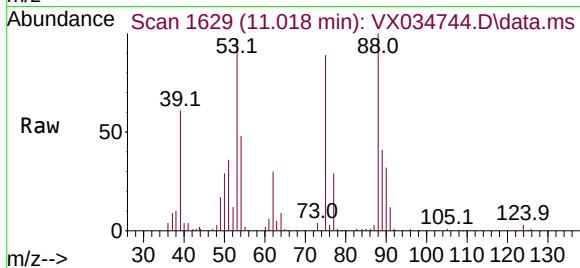
#81
trans-1,4-Dichloro-2-butene
Concen: 15.859 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 75 Resp: 30807
Ion Ratio Lower Upper
75 100
53 115.5 82.6 124.0
89 47.2 36.9 55.3

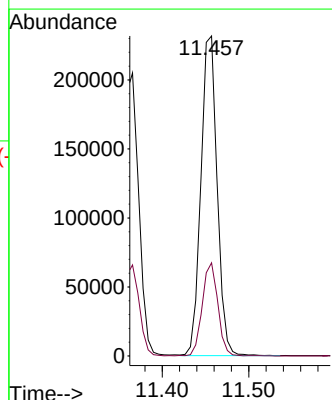
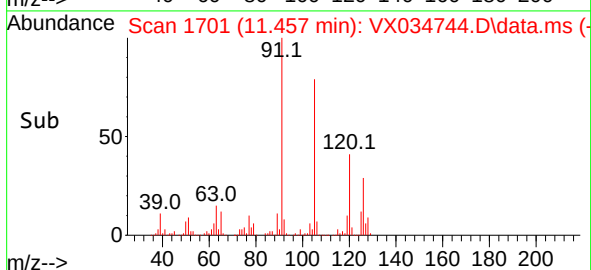
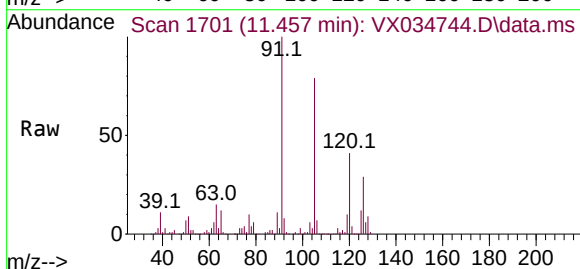
Manual Integrations
APPROVED

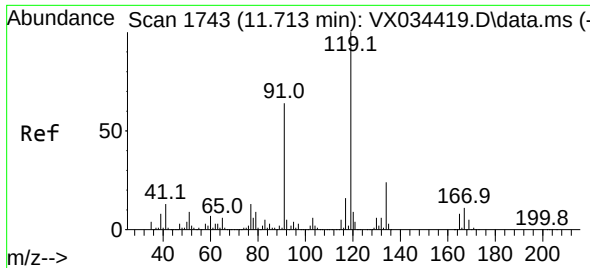
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#82
4-Chlorotoluene
Concen: 20.781 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

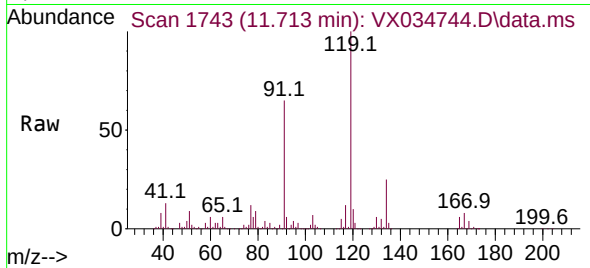
Tgt Ion: 91 Resp: 302007
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.263 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

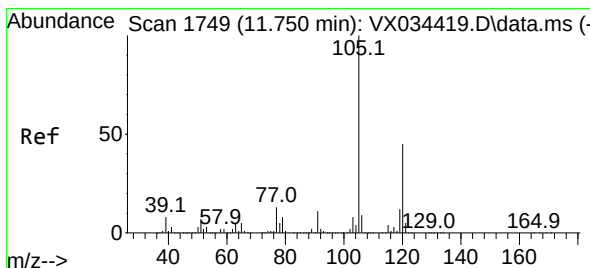
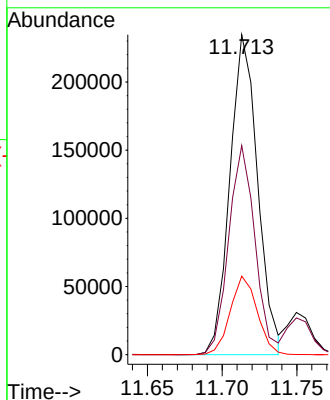
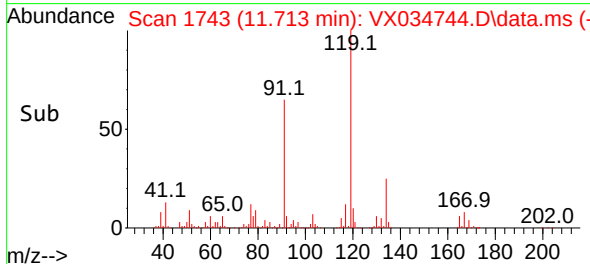
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



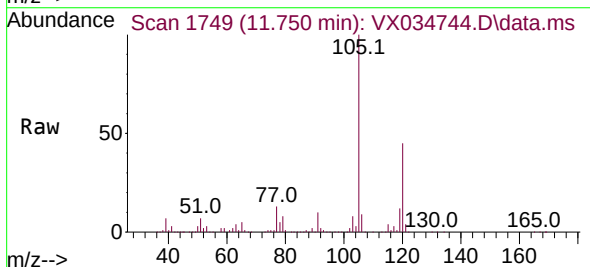
Tgt Ion:119 Resp: 30312
Ion Ratio Lower Upper
119 100
91 62.0 30.6 92.0
134 23.8 11.8 35.4

Manual Integrations
APPROVED

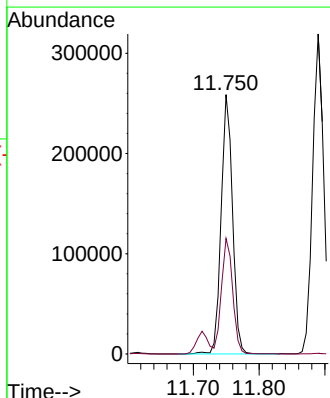
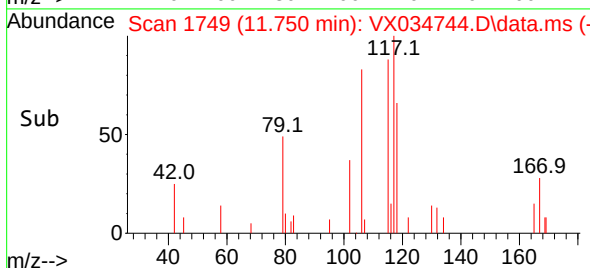
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

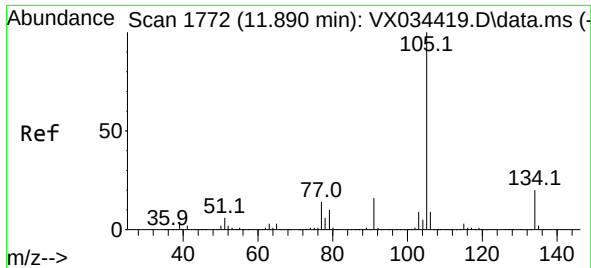


#84
1,2,4-Trimethylbenzene
Concen: 20.529 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44



Tgt Ion:105 Resp: 311286
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 20.522 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034744.D
 Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

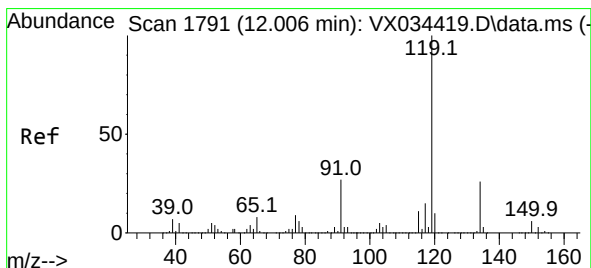
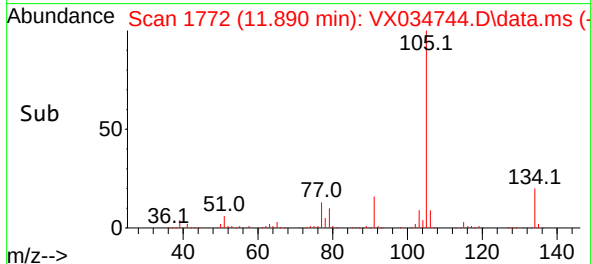
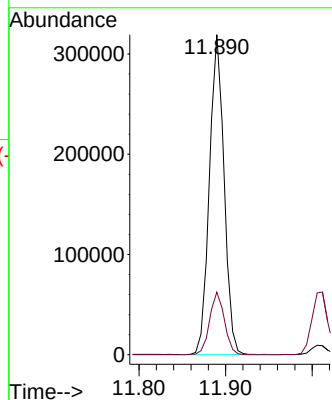
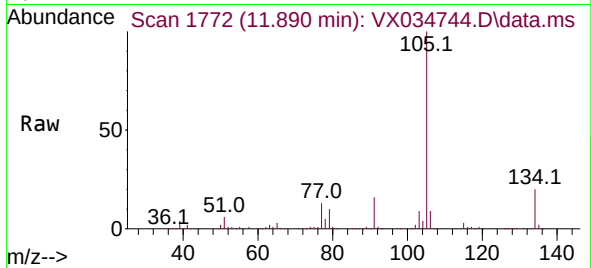
VX0327WBSD01

Tgt Ion:105 Resp: 375300
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations

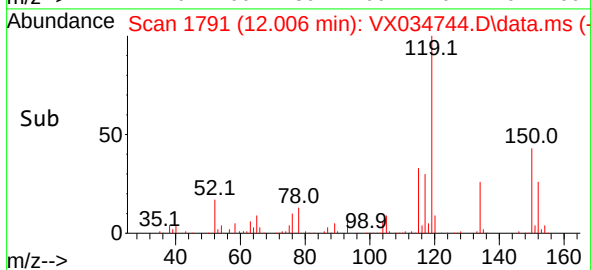
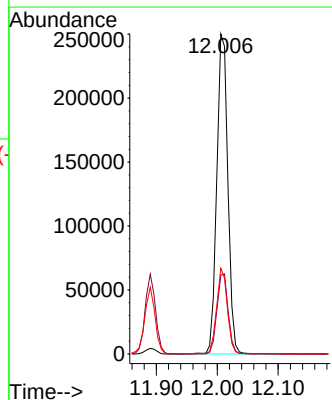
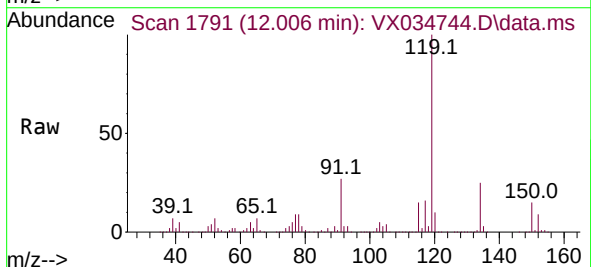
APPROVED

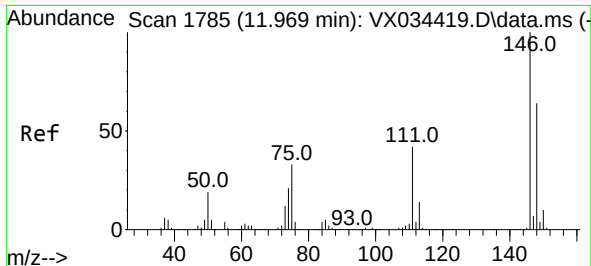
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023



#86
 p-Isopropyltoluene
 Concen: 20.492 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034744.D
 Acq: 27 Mar 2023 12:44

Tgt Ion:119 Resp: 314974
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 25.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.569 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion:146 Resp: 162728

Ion Ratio Lower Upper

146 100

111 42.8 20.9 62.8

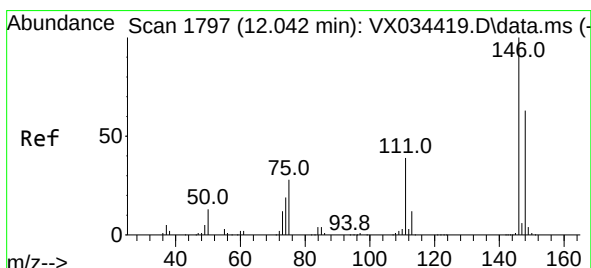
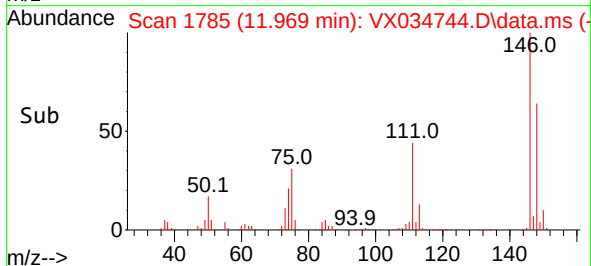
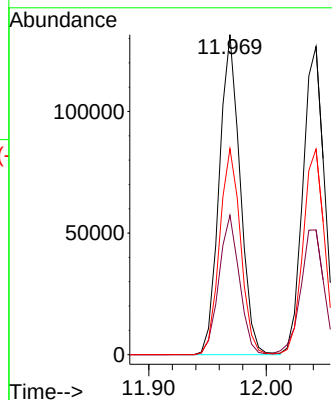
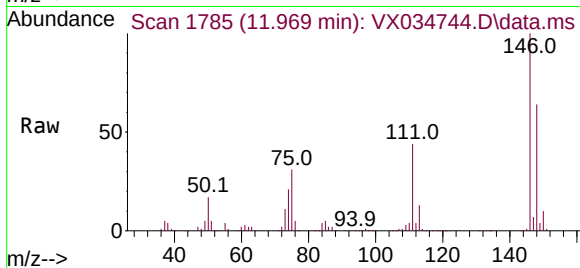
148 64.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#88

1,4-Dichlorobenzene

Concen: 19.226 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

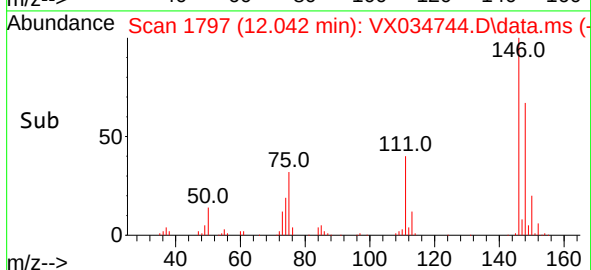
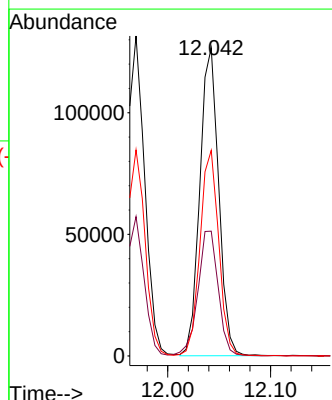
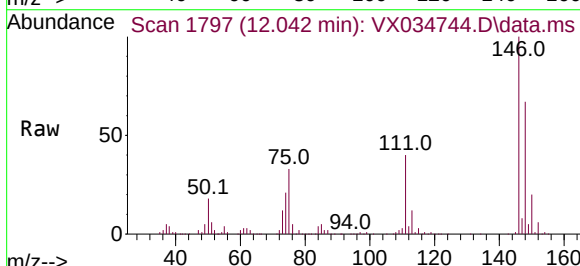
Tgt Ion:146 Resp: 161656

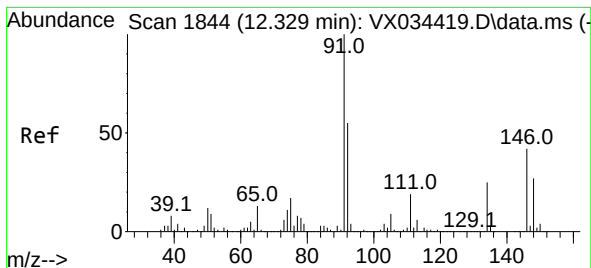
Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 66.4 31.8 95.4





#89

n-Butylbenzene

Concen: 19.238 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034744.D

Acq: 27 Mar 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 91 Resp: 26287

Ion Ratio Lower Upper

91 100

92 54.8 27.7 83.0

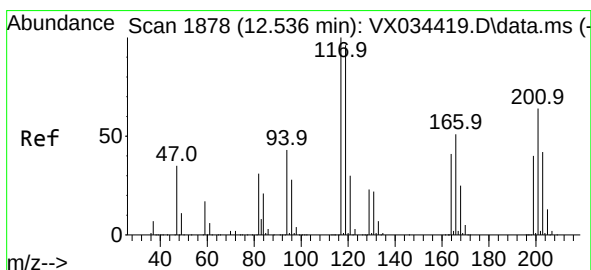
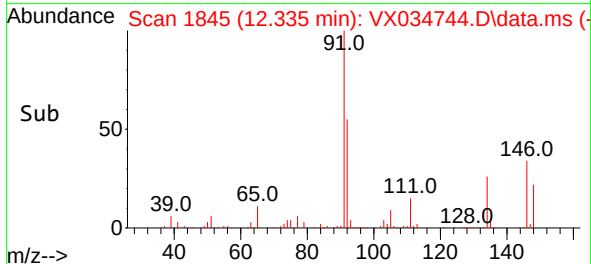
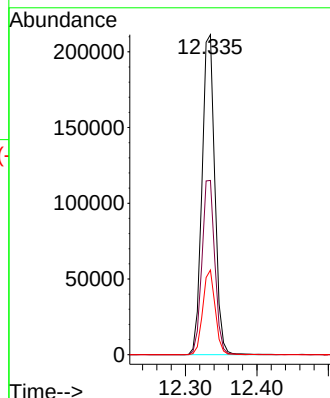
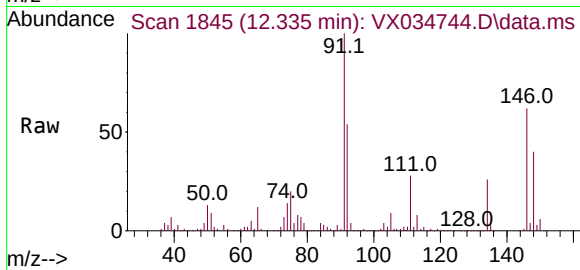
134 25.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#90

Hexachloroethane

Concen: 16.371 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX034744.D

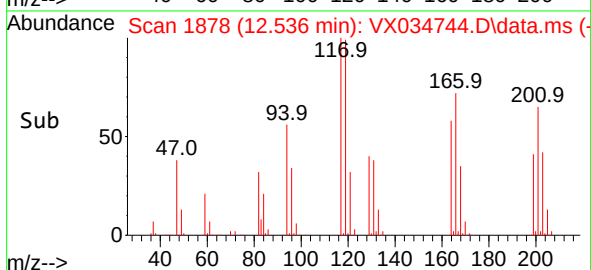
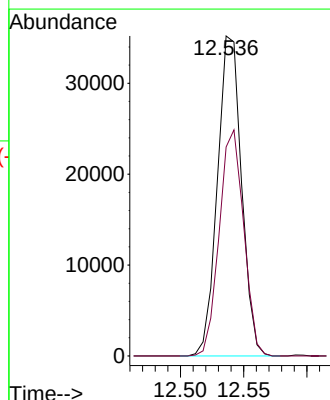
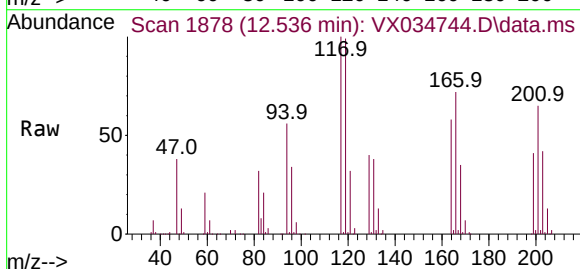
Acq: 27 Mar 2023 12:44

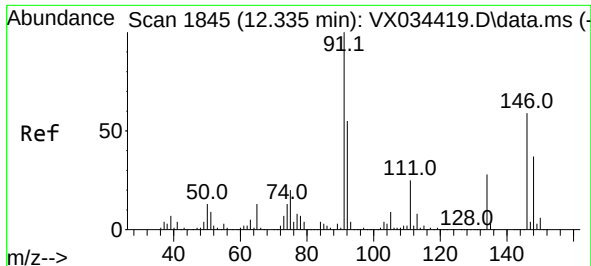
Tgt Ion:117 Resp: 46560

Ion Ratio Lower Upper

117 100

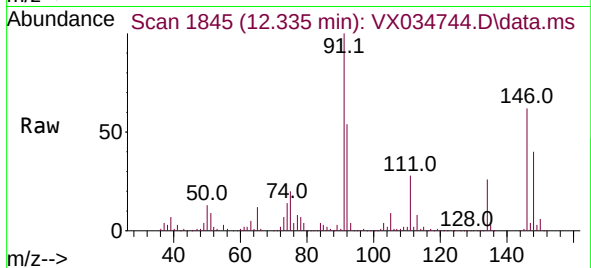
201 71.7 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 20.185 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

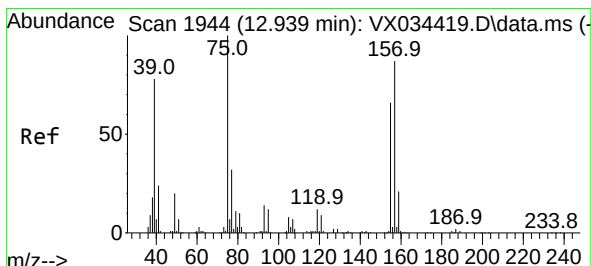
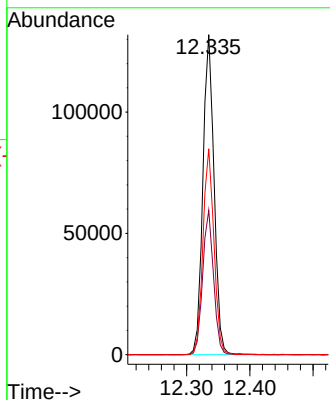
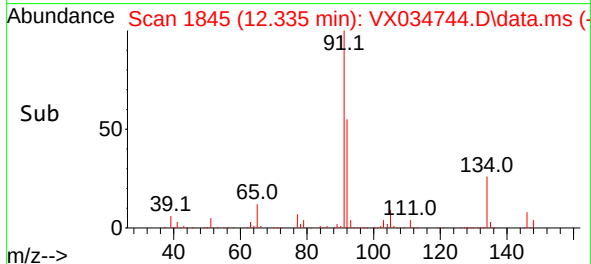
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



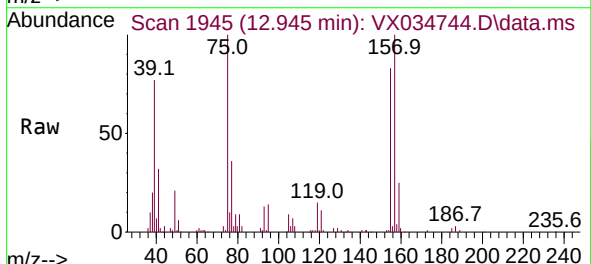
Tgt Ion:146 Resp: 16221
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

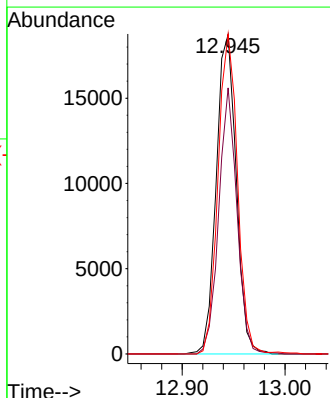
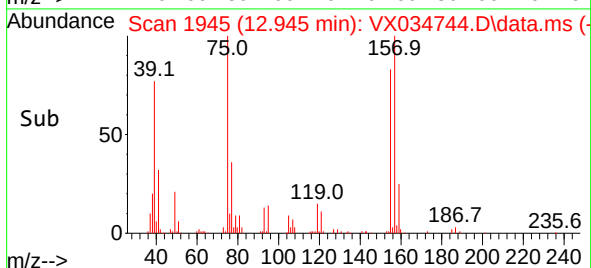
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

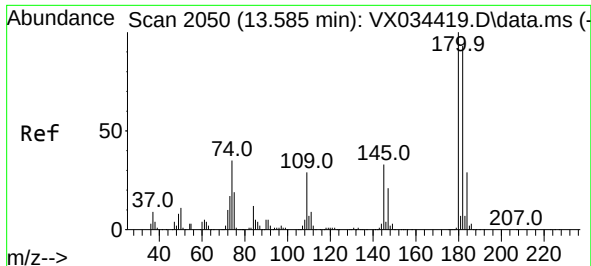


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.756 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44



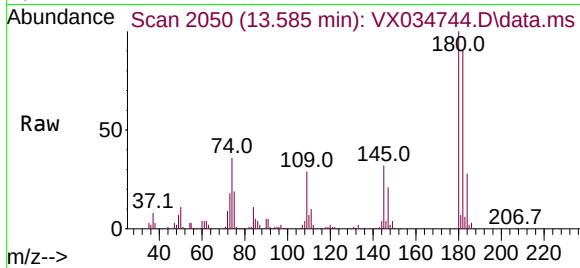
Tgt Ion: 75 Resp: 25154
Ion Ratio Lower Upper
75 100
155 76.0 38.4 115.1
157 98.2 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 19.720 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

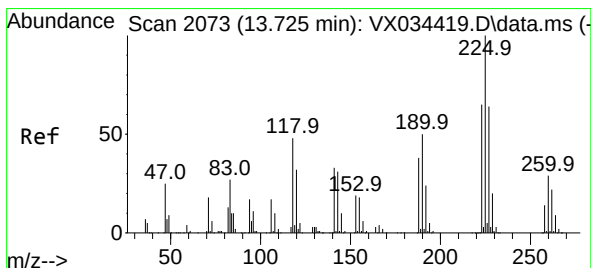
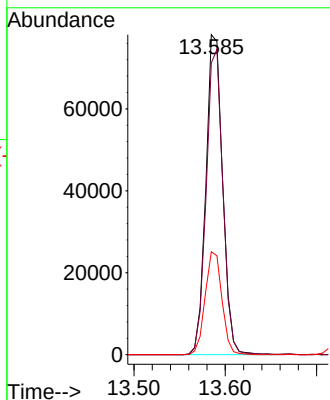
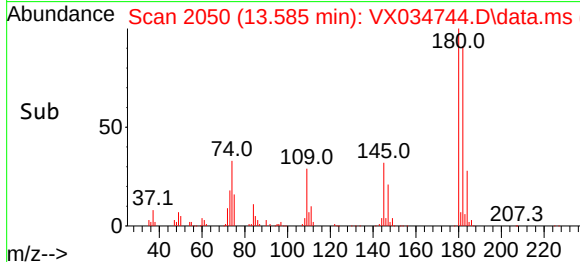
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:180 Resp: 99099
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 32.3 15.9 47.7

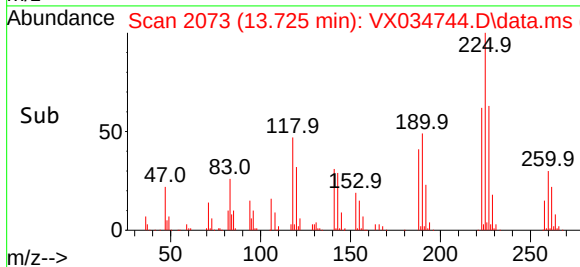
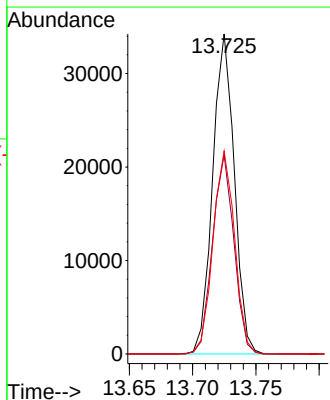
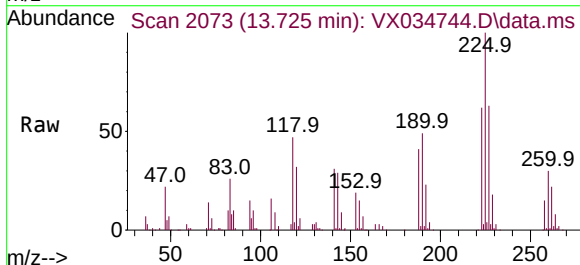
Manual Integrations
APPROVED

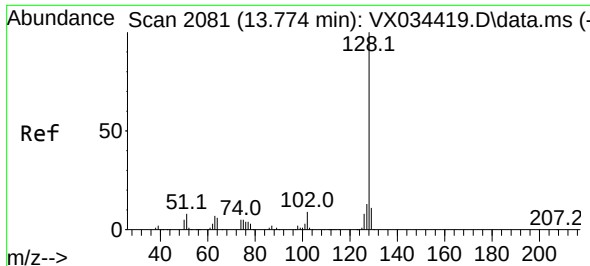
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#94
Hexachlorobutadiene
Concen: 20.066 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

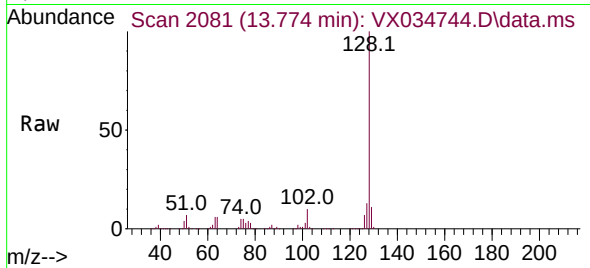
Tgt Ion:225 Resp: 40625
Ion Ratio Lower Upper
225 100
223 61.6 32.1 96.5
227 63.4 31.8 95.4





#95
Naphthalene
Concen: 20.720 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44

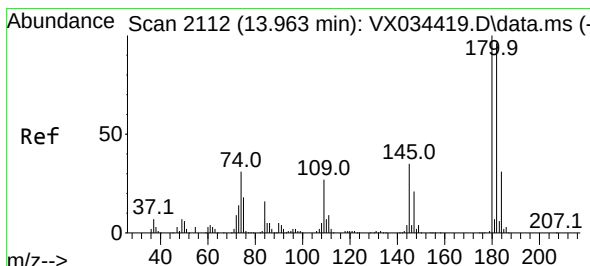
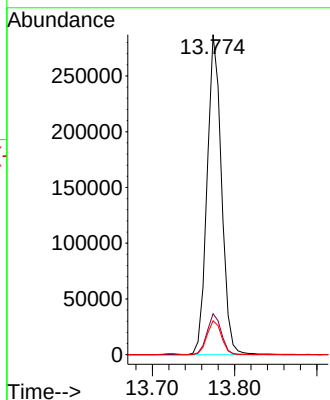
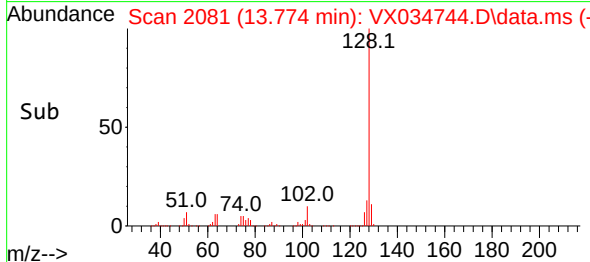
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



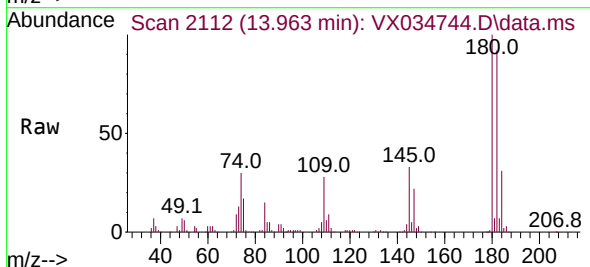
Tgt Ion:128 Resp: 349162
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.516 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034744.D
Acq: 27 Mar 2023 12:44



Tgt Ion:180 Resp: 100782
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 34.7 17.7 53.1

