

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037769.D
 Acq On : 18 Sep 2023 12:09
 Operator : JC/MD
 Sample : VX0918WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

Quant Time: Sep 18 17:55:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	289862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180578	47.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.385	113	155530	49.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	8.647	98	577215	49.936	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.880%		
62) 4-Bromofluorobenzene	11.079	95	214364	51.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57308	18.757	ug/l	99
3) Chloromethane	1.301	50	62217	18.716	ug/l	97
4) Vinyl Chloride	1.374	62	65491	18.262	ug/l	98
5) Bromomethane	1.599	94	49938	19.451	ug/l	99
6) Chloroethane	1.685	64	43337	17.541	ug/l	99
7) Trichlorofluoromethane	1.886	101	107010	18.560	ug/l	99
8) Diethyl Ether	2.136	74	39373	17.627	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	56497	19.308	ug/l	95
10) Methyl Iodide	2.453	142	70524	18.213	ug/l	91
11) Tert butyl alcohol	2.959	59	87456	106.986	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	53299	18.848	ug/l	82
13) Acrolein	2.233	56	78925	97.732	ug/l	97
14) Allyl chloride	2.666	41	88275	18.743	ug/l	94
15) Acrylonitrile	3.062	53	165233	90.913	ug/l	99
16) Acetone	2.380	43	166554	90.911	ug/l	91
17) Carbon Disulfide	2.514	76	128335	18.101	ug/l	100
18) Methyl Acetate	2.703	43	119162	18.030	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	194206	18.669	ug/l	99
20) Methylene Chloride	2.788	84	65639	19.364	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	58415	18.603	ug/l	88
22) Diisopropyl ether	3.763	45	186732	19.034	ug/l	88
23) Vinyl Acetate	3.721	43	687636	95.291	ug/l	96
24) 1,1-Dichloroethane	3.611	63	109617	18.646	ug/l	97
25) 2-Butanone	4.556	43	236155	91.345	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	93846	19.756	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	71083	18.465	ug/l	91
28) Bromochloromethane	4.897	49	54849	19.999	ug/l #	81
29) Tetrahydrofuran	5.001	42	146221	90.927	ug/l	90
30) Chloroform	5.093	83	117144	18.497	ug/l	98
31) Cyclohexane	5.471	56	93737	19.177	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	102195	19.058	ug/l	97
36) 1,1-Dichloropropene	5.696	75	81027	18.907	ug/l	94
37) Ethyl Acetate	4.715	43	86325	18.323	ug/l	96
38) Carbon Tetrachloride	5.678	117	87254	19.459	ug/l	99
39) Methylcyclohexane	7.379	83	107549	19.773	ug/l	94
40) Benzene	6.037	78	251943	19.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46819	19.490	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	90428	18.985	ug/l	96
43) Isopropyl Acetate	6.342	43	142631	18.933	ug/l	95
44) Trichloroethene	7.129	130	68217	18.587	ug/l	95
45) 1,2-Dichloropropane	7.434	63	64025	18.708	ug/l	96
46) Dibromomethane	7.580	93	46863	19.035	ug/l	91
47) Bromodichloromethane	7.824	83	86308	19.035	ug/l	97
48) Methyl methacrylate	7.696	41	67438	18.726	ug/l #	87
49) 1,4-Dioxane	7.659	88	40593	429.950	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	453173	94.813	ug/l	96
52) Toluene	8.720	92	162872	19.177	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	94480	19.929	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	103289	19.686	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	67841	18.945	ug/l	95
56) Ethyl methacrylate	9.116	69	104353	19.520	ug/l	90
57) 1,3-Dichloropropane	9.311	76	109194	18.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	238229	95.435	ug/l	99
59) 2-Hexanone	9.427	43	355510	95.530	ug/l	94
60) Dibromochloromethane	9.519	129	68334	19.156	ug/l	100
61) 1,2-Dibromoethane	9.610	107	72709	19.178	ug/l	99
64) Tetrachloroethene	9.275	164	57759	19.719	ug/l	98
65) Chlorobenzene	10.079	112	179369	19.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	66235	20.175	ug/l	99
67) Ethyl Benzene	10.195	91	320001	19.923	ug/l	99
68) m/p-Xylenes	10.299	106	248977	40.116	ug/l	96
69) o-Xylene	10.640	106	124429	19.993	ug/l	96
70) Styrene	10.653	104	201474	20.165	ug/l	96
71) Bromoform	10.799	173	50983	19.658	ug/l #	99
73) Isopropylbenzene	10.963	105	322406	19.600	ug/l	98
74) N-amyl acetate	10.841	43	130506	19.590	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	109414	18.913	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86057m	16.595	ug/l	
77) Bromobenzene	11.195	156	80395	19.746	ug/l	88
78) n-propylbenzene	11.305	91	373210	20.090	ug/l	99
79) 2-Chlorotoluene	11.366	91	224459	19.596	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	275469	19.830	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30918	19.099	ug/l	91
82) 4-Chlorotoluene	11.457	91	255049	19.778	ug/l	97
83) tert-Butylbenzene	11.713	119	281796	20.072	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	278326	20.138	ug/l	98
85) sec-Butylbenzene	11.890	105	343370	20.159	ug/l	99
86) p-Isopropyltoluene	12.012	119	285905	20.147	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	151808	20.003	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	153533	19.770	ug/l	98
89) n-Butylbenzene	12.329	91	251036	20.193	ug/l	97
90) Hexachloroethane	12.536	117	46991	19.544	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	152470	19.677	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22406	19.430	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	92935	20.361	ug/l	97
94) Hexachlorobutadiene	13.725	225	44959	21.093	ug/l	99
95) Naphthalene	13.774	128	310652	20.124	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94241	20.064	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

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

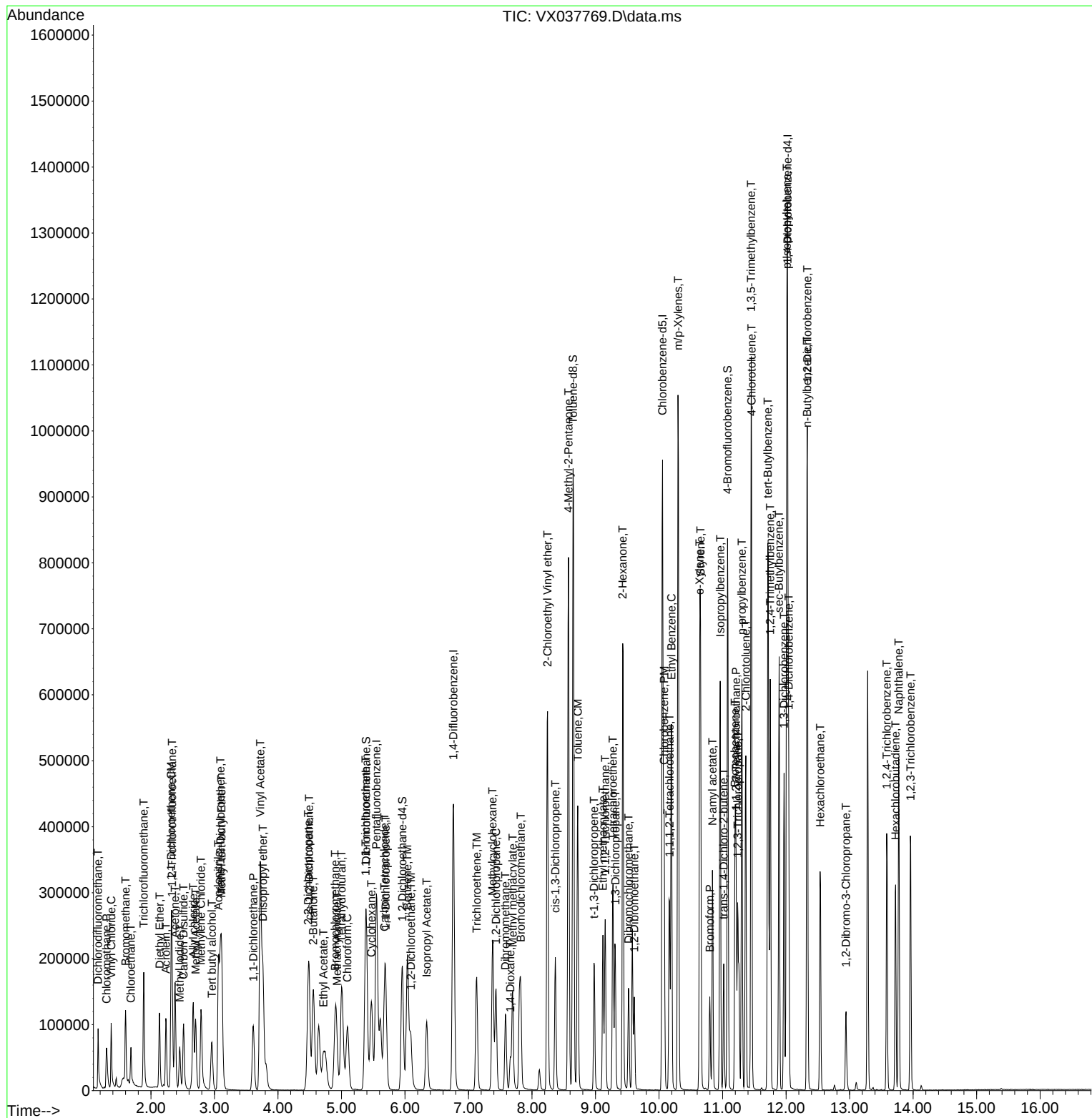
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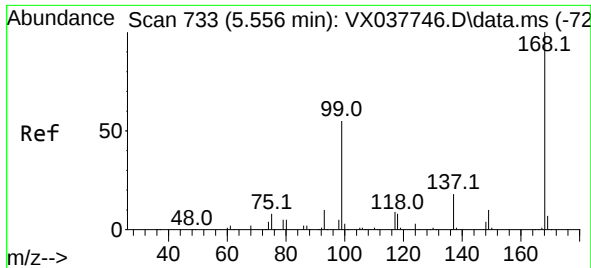
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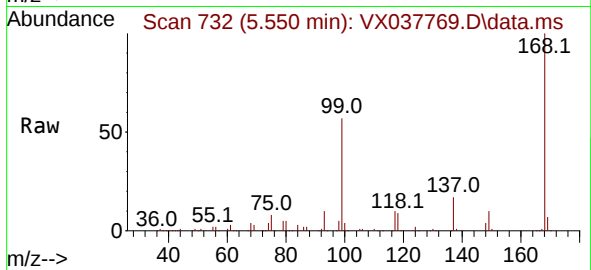
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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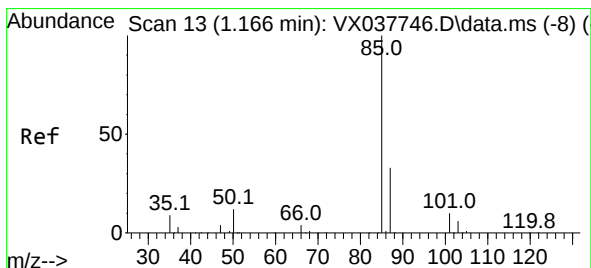
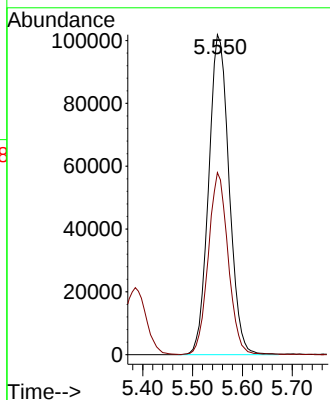
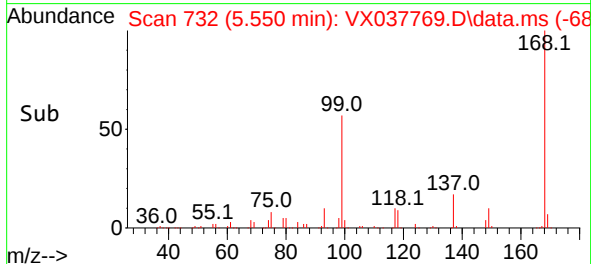
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 28986
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0

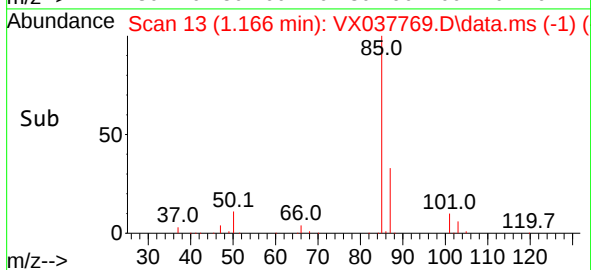
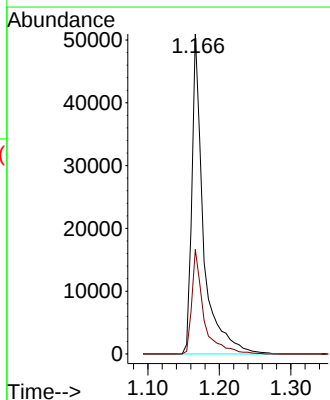
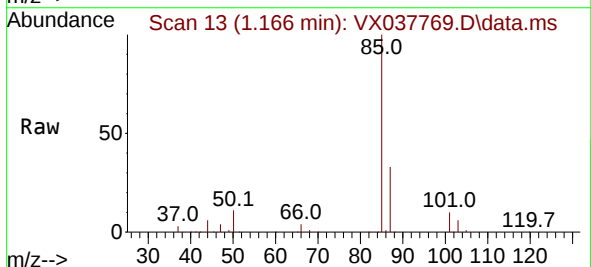
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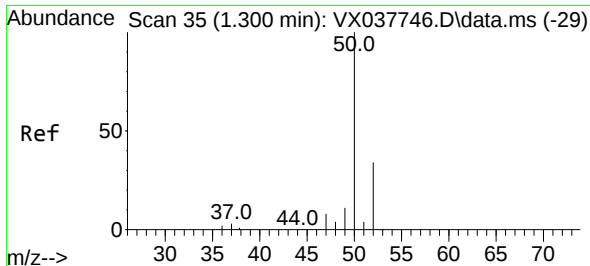
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#2
Dichlorodifluoromethane
Concen: 18.757 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 85 Resp: 57308
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





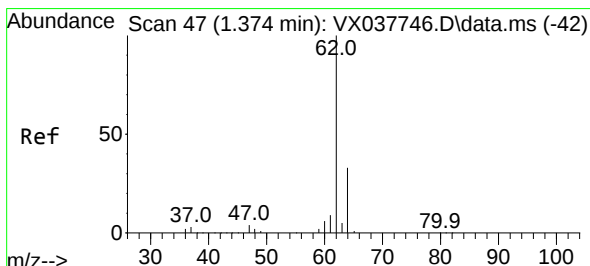
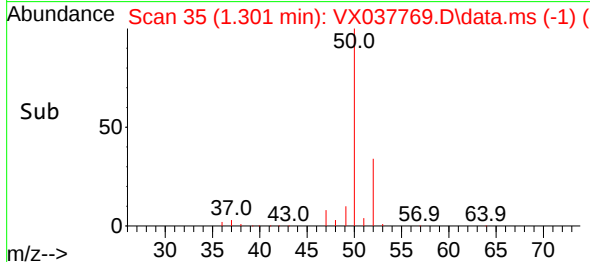
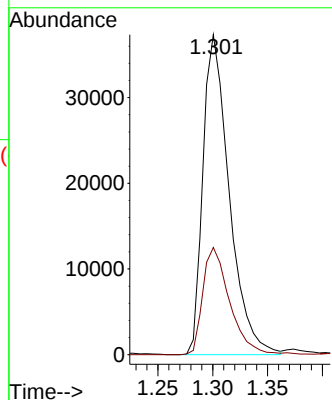
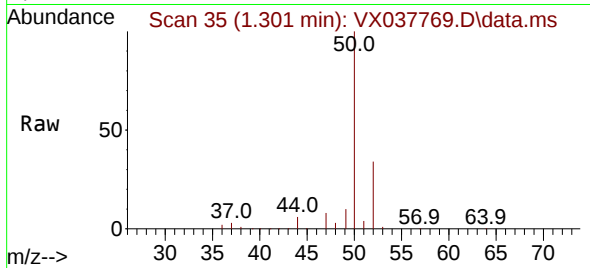
#3
Chloromethane
Concen: 18.716 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037769.D
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Tgt Ion: 50 Resp: 6221
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

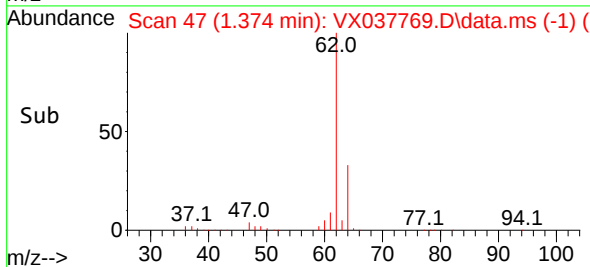
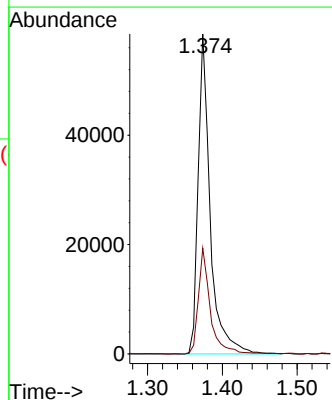
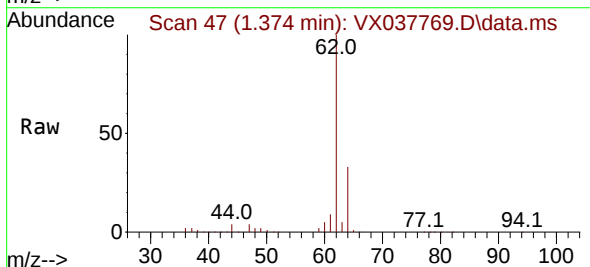
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#4
Vinyl Chloride
Concen: 18.262 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

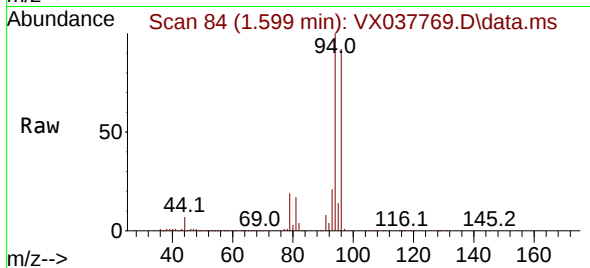
Tgt Ion: 62 Resp: 65491
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





#5
Bromomethane
Concen: 19.451 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

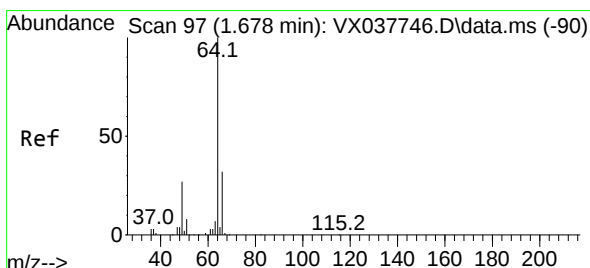
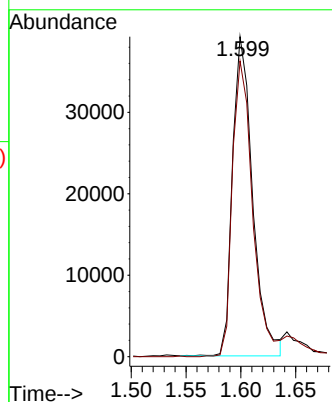
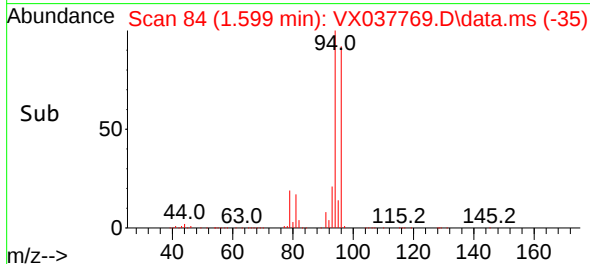
Instrument :
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Tgt Ion: 94 Resp: 49938
Ion Ratio Lower Upper
94 100
96 92.5 74.6 111.8

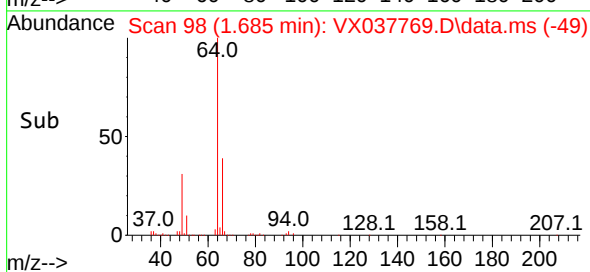
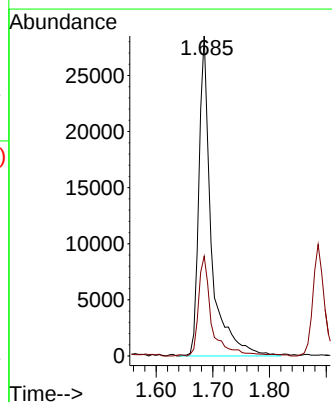
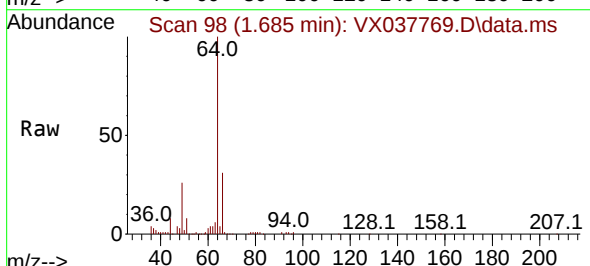
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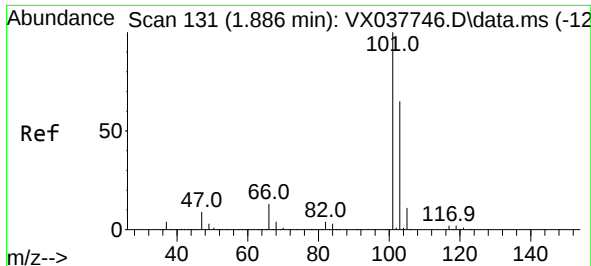
Reviewed By :John Carlone 09/19/2023
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#6
Chloroethane
Concen: 17.541 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

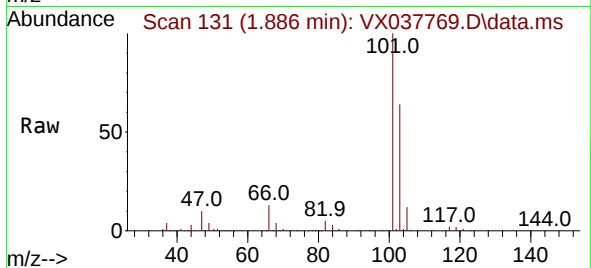
Tgt Ion: 64 Resp: 43337
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.560 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

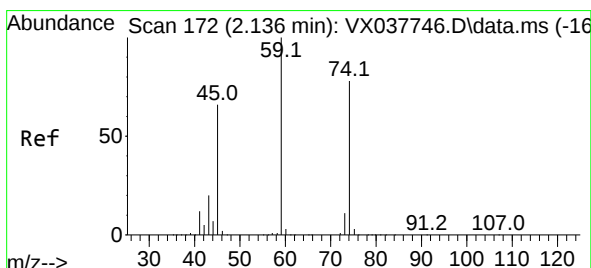
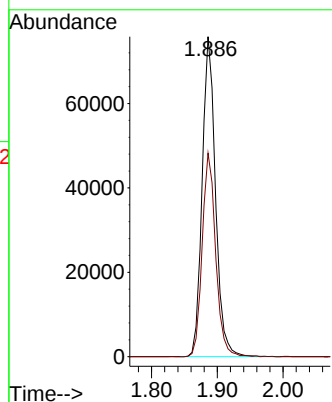
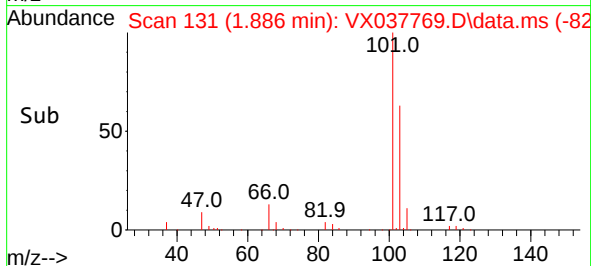
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Tgt Ion:101 Resp: 107010
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

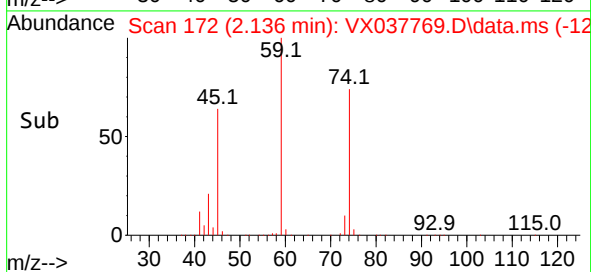
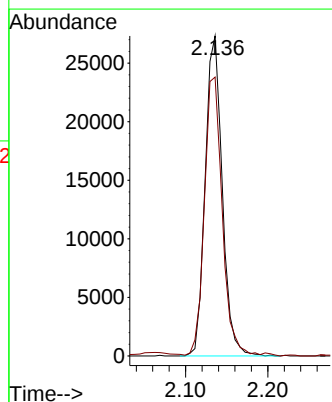
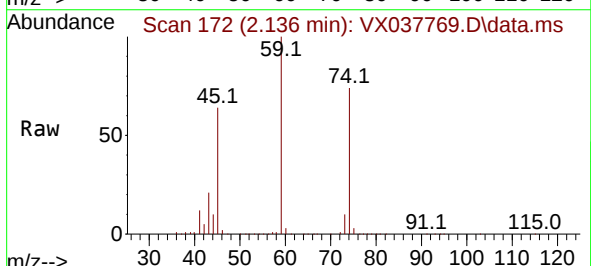
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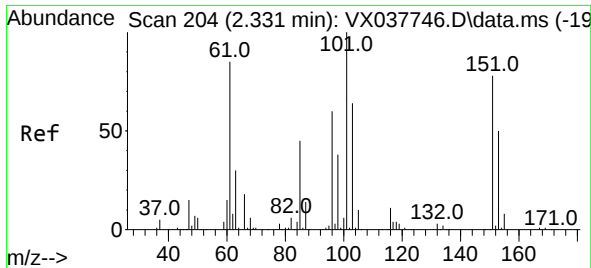
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#8
Diethyl Ether
Concen: 17.627 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

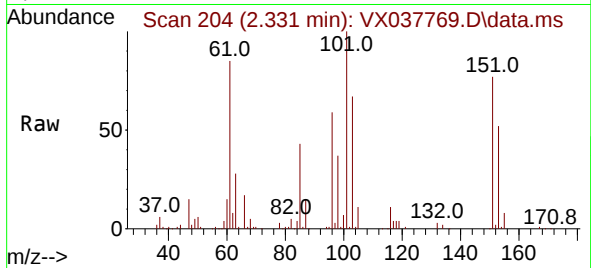
Tgt Ion: 74 Resp: 39373
Ion Ratio Lower Upper
74 100
45 90.4 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.308 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

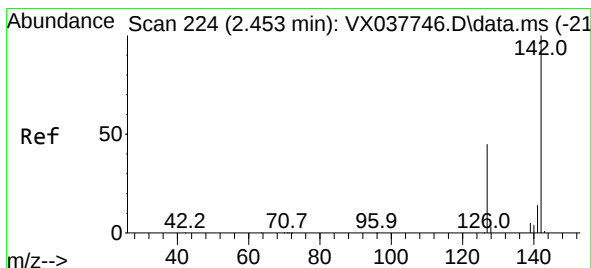
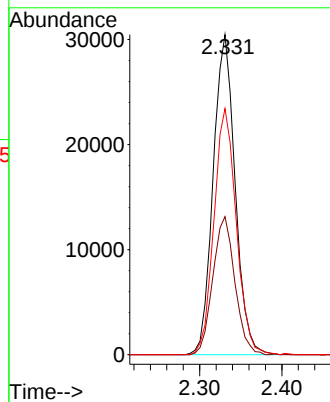
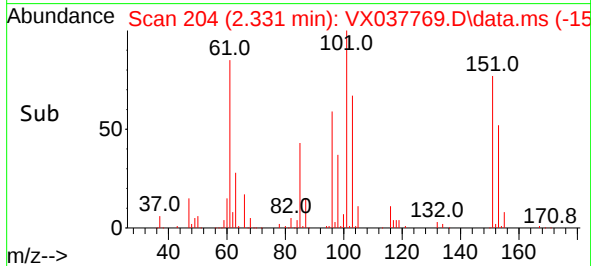
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



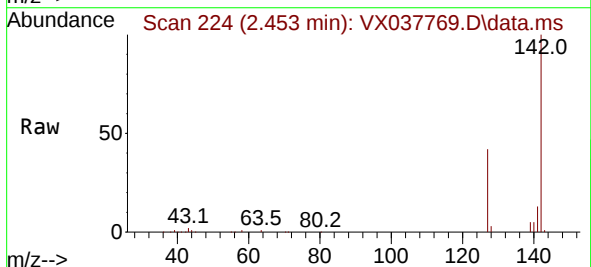
Tgt Ion:101 Resp: 5649
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 78.2 58.6 87.8

Manual Integrations
APPROVED

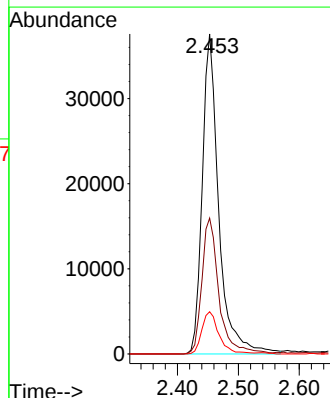
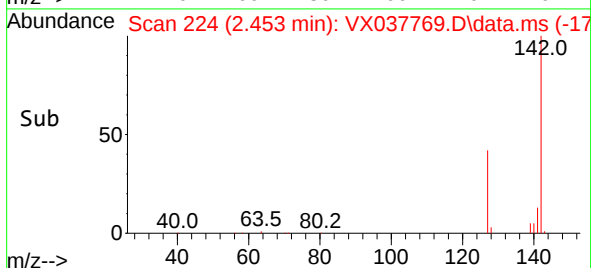
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

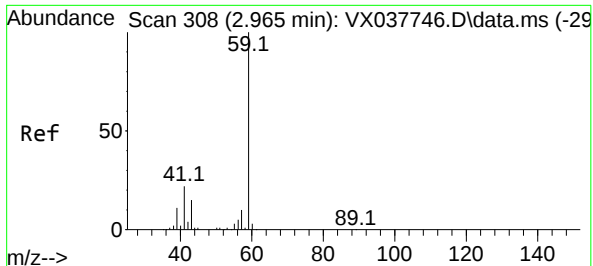


#10
Methyl Iodide
Concen: 18.213 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09



Tgt Ion:142 Resp: 70524
Ion Ratio Lower Upper
142 100
127 44.0 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 106.986 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 59 Resp: 87450

Ion Ratio Lower Upper

59 100

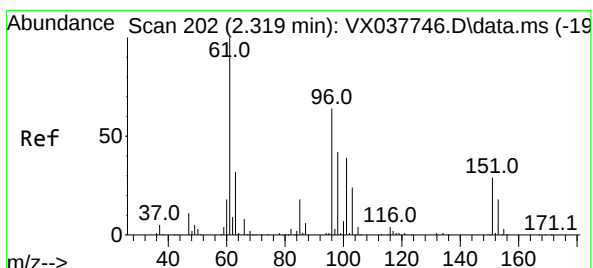
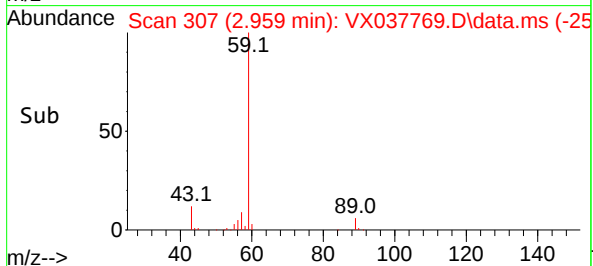
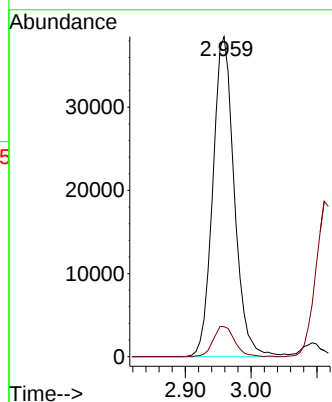
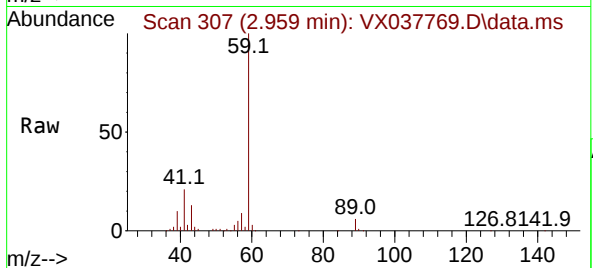
57 9.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#12

1,1-Dichloroethene

Concen: 18.848 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

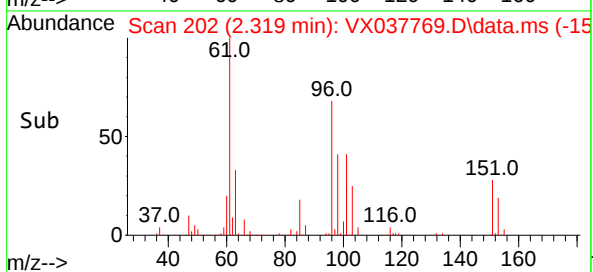
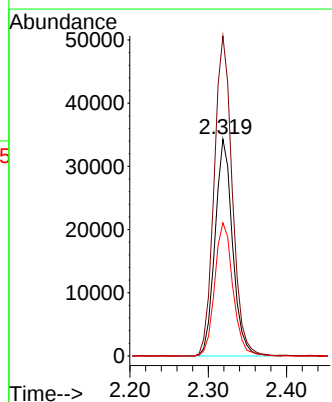
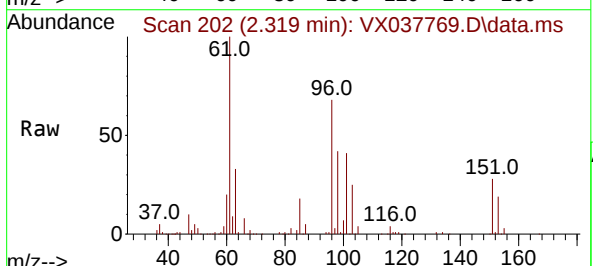
Tgt Ion: 96 Resp: 53299

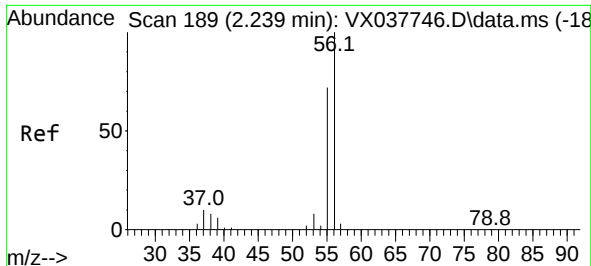
Ion Ratio Lower Upper

96 100

61 147.6 144.6 216.8

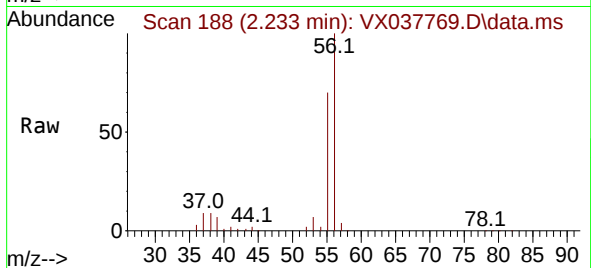
98 61.4 50.4 75.6





#13
Acrolein
Concen: 97.732 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

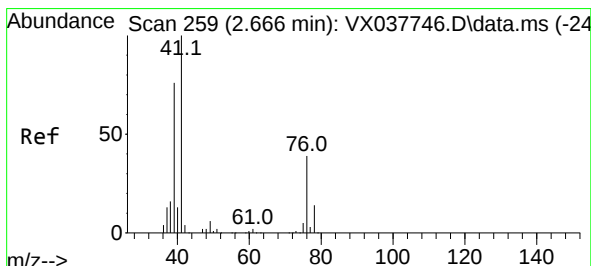
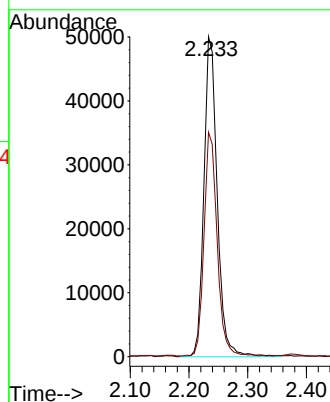
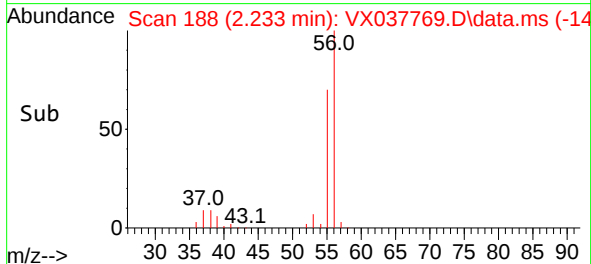
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 56 Resp: 78925
Ion Ratio Lower Upper
56 100
55 68.8 57.1 85.7

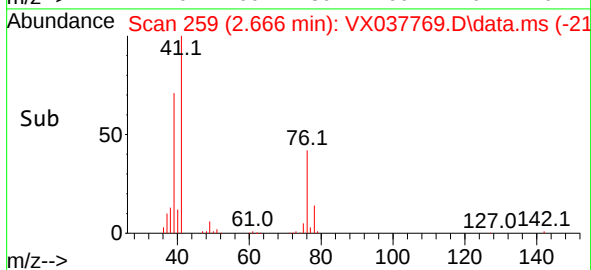
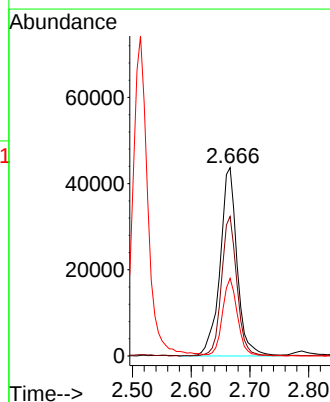
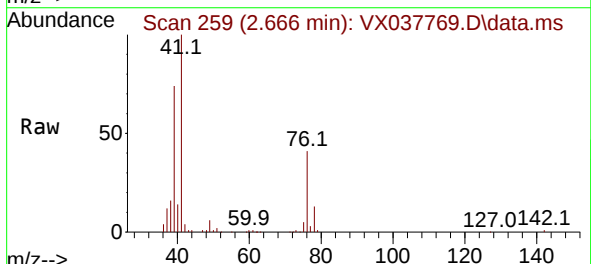
Manual Integrations
APPROVED

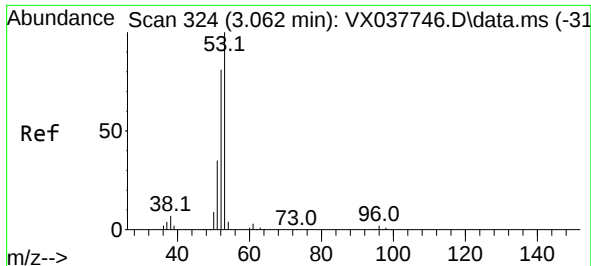
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#14
Allyl chloride
Concen: 18.743 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 41 Resp: 88275
Ion Ratio Lower Upper
41 100
39 67.1 55.8 83.6
76 36.3 24.3 36.5





#15

Acrylonitrile

Concen: 90.913 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 53 Resp: 16523

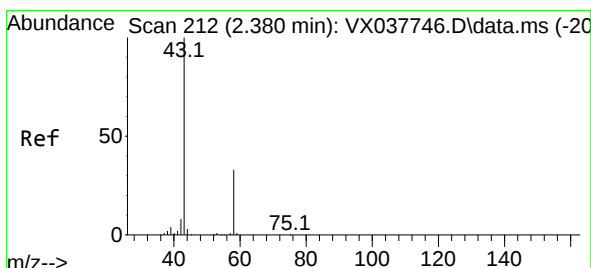
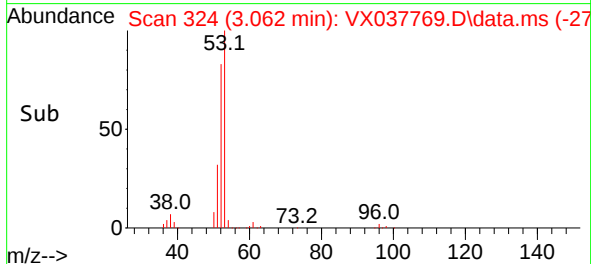
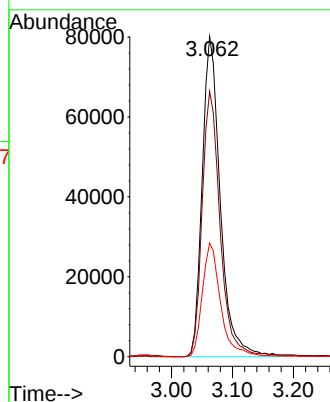
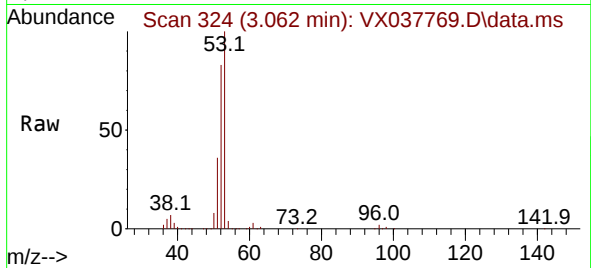
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.1	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#16

Acetone

Concen: 90.911 ug/l

RT: 2.380 min Scan# 212

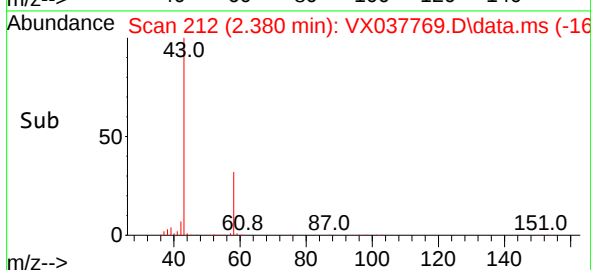
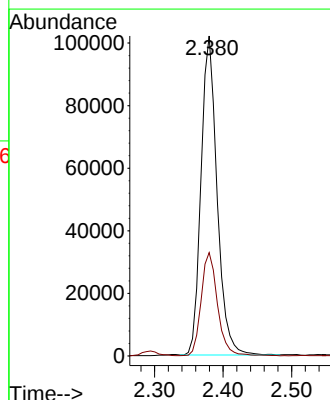
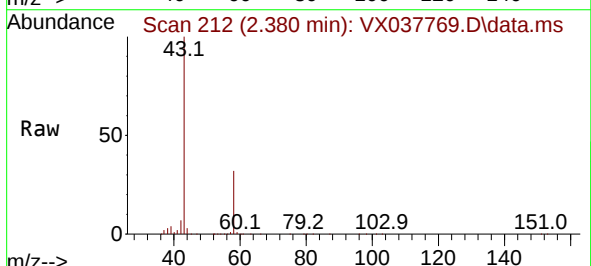
Delta R.T. -0.000 min

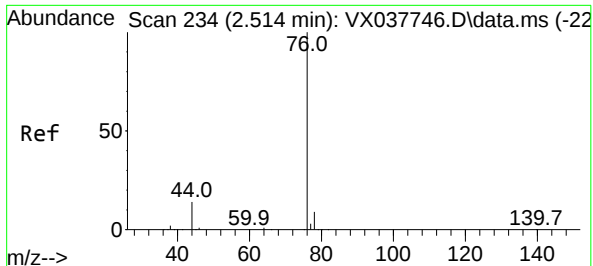
Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Tgt Ion: 43 Resp: 166554

Ion	Ratio	Lower	Upper
43	100		
58	32.3	21.9	32.9





#17

Carbon Disulfide

Concen: 18.101 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 76 Resp: 12833

Ion Ratio Lower Upper

76 100

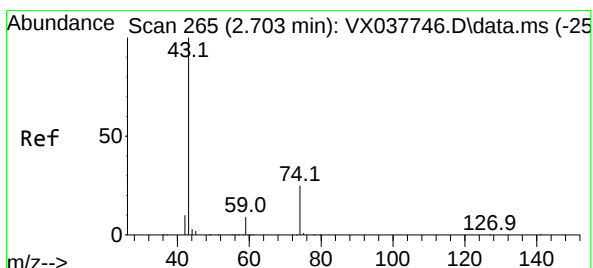
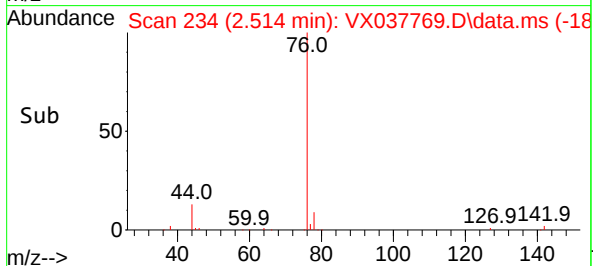
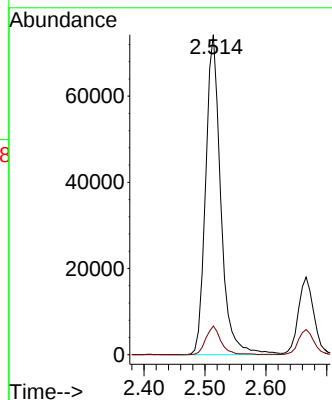
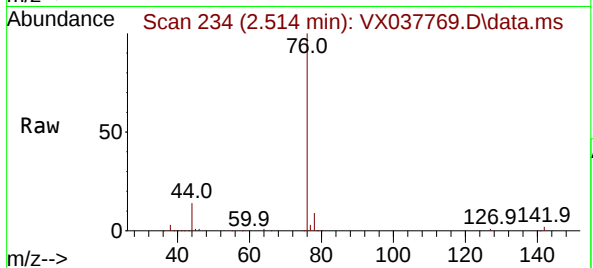
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#18

Methyl Acetate

Concen: 18.030 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037769.D

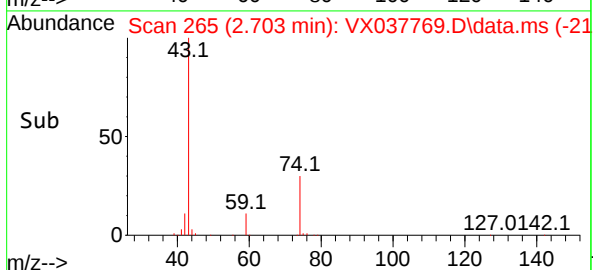
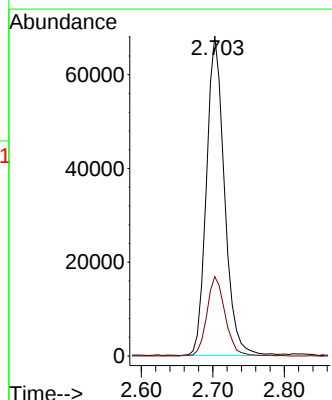
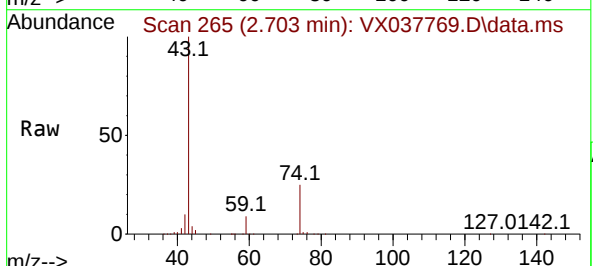
Acq: 18 Sep 2023 12:09

Tgt Ion: 43 Resp: 119162

Ion Ratio Lower Upper

43 100

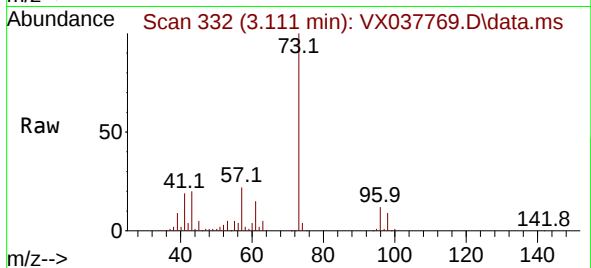
74 25.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 18.669 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

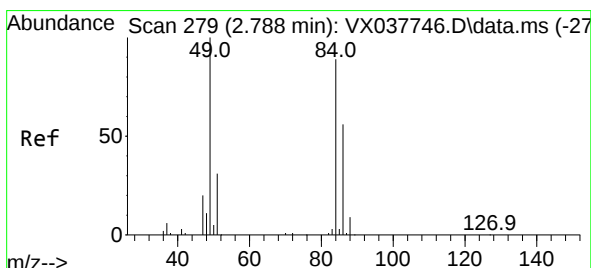
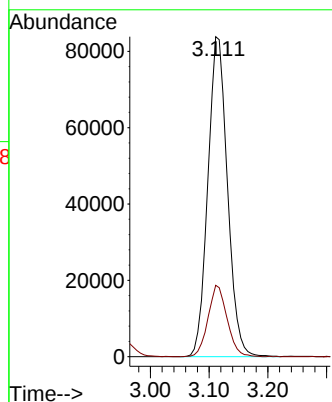
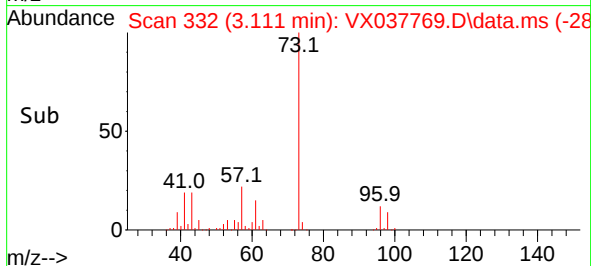
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 73 Resp: 194200
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

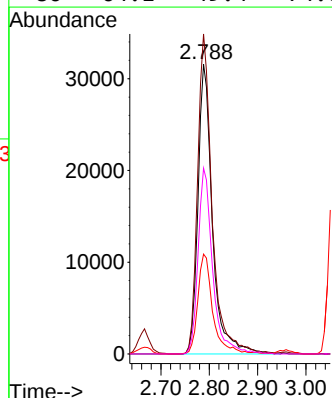
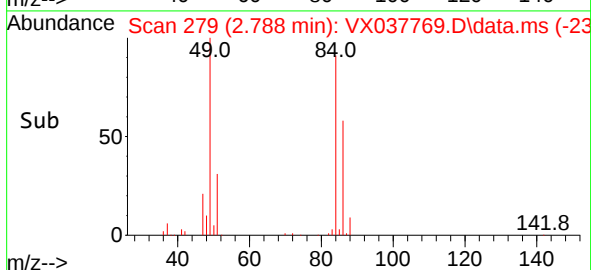
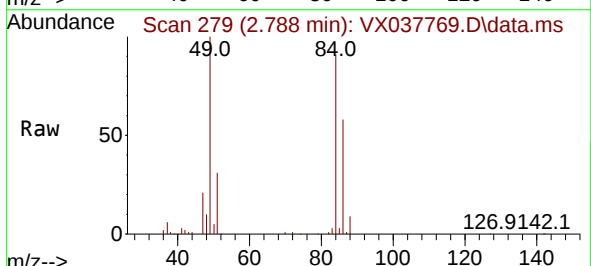
Manual Integrations
APPROVED

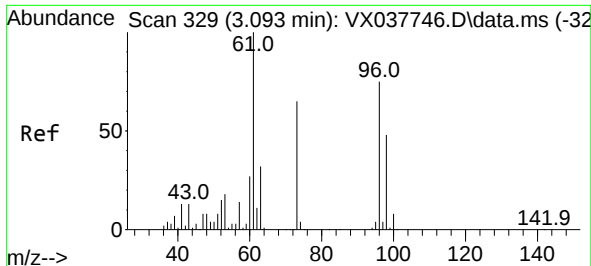
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#20
Methylene Chloride
Concen: 19.364 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 84 Resp: 65639
Ion Ratio Lower Upper
84 100
49 110.4 103.6 155.4
51 34.4 33.8 50.6
86 64.1 49.4 74.0





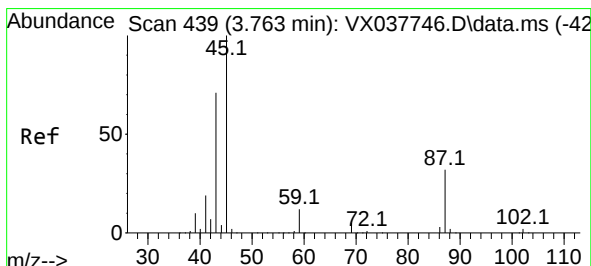
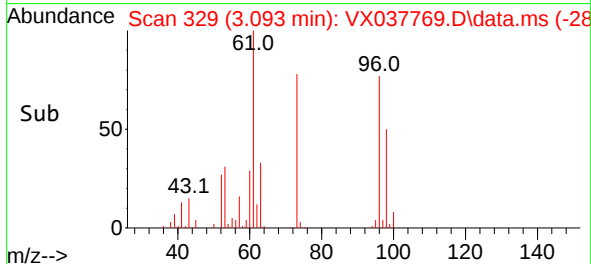
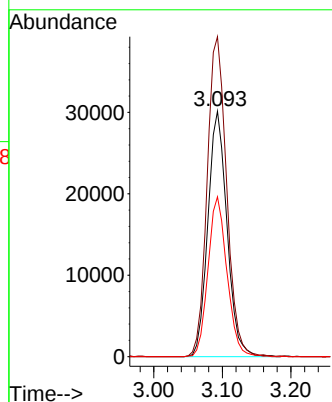
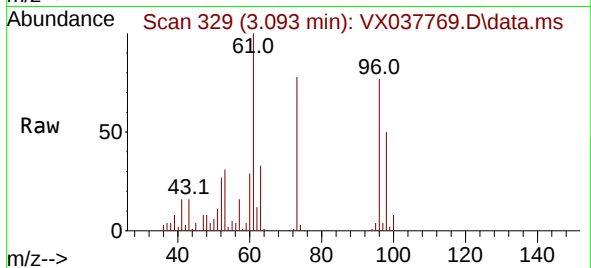
#21
trans-1,2-Dichloroethene
Concen: 18.603 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tgt Ion: 96 Resp: 5841
Ion Ratio Lower Upper
96 100
61 130.4 119.2 178.8
98 65.1 48.7 73.1

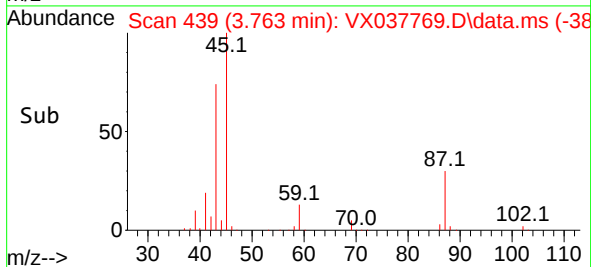
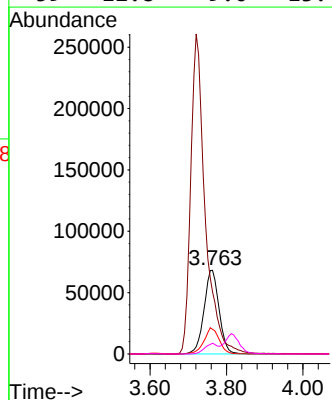
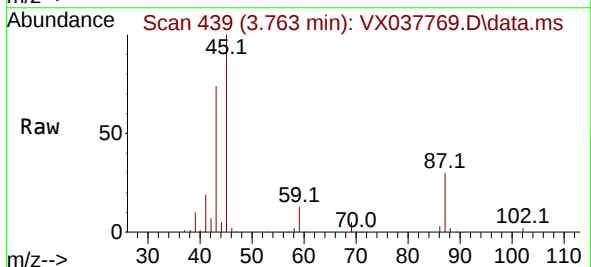
Manual Integrations
APPROVED

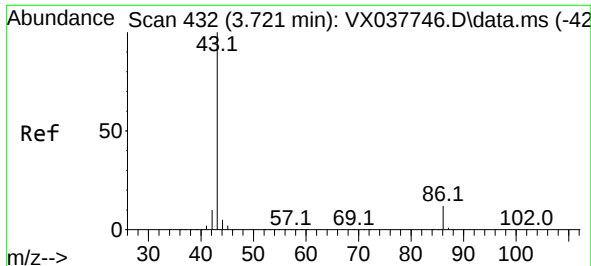
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#22
Diisopropyl ether
Concen: 19.034 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

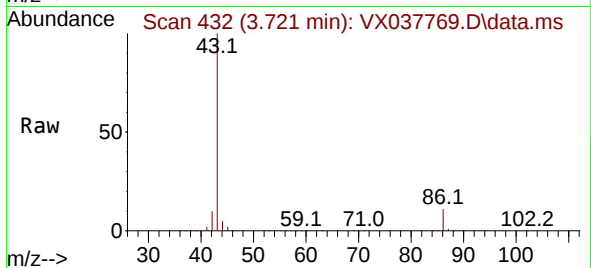
Tgt Ion: 45 Resp: 186732
Ion Ratio Lower Upper
45 100
43 73.9 69.7 104.5
87 29.5 20.8 31.2
59 12.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 95.291 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037769.D
 Acq: 18 Sep 2023 12:09

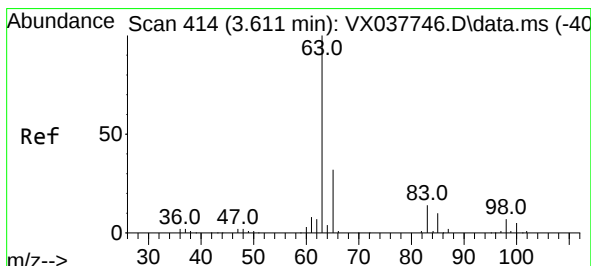
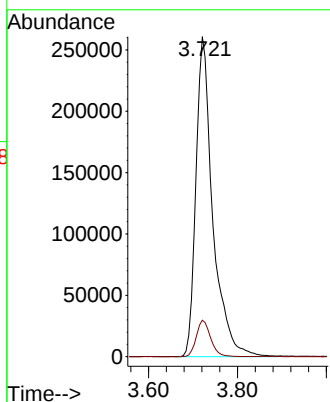
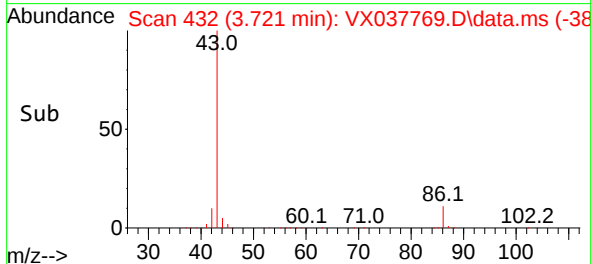
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01



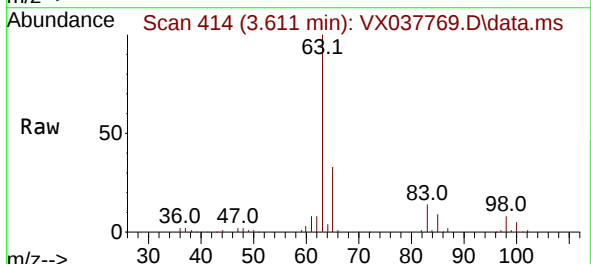
Tgt Ion: 43 Resp: 687630
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

Manual Integrations
 APPROVED

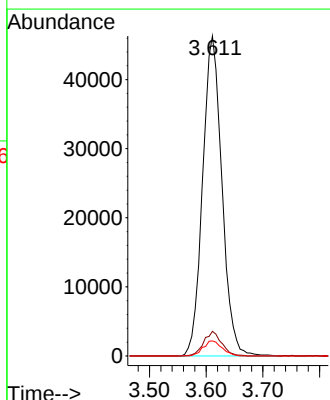
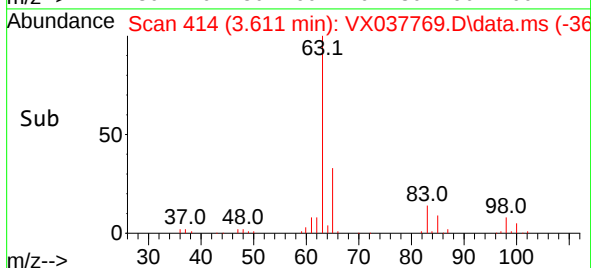
Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

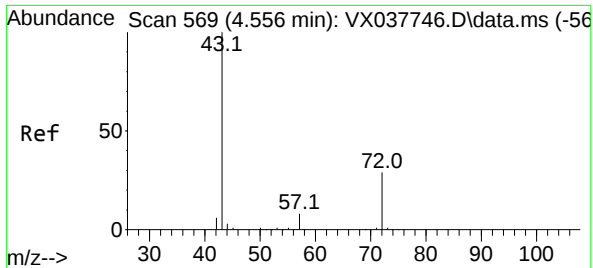


#24
 1,1-Dichloroethane
 Concen: 18.646 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037769.D
 Acq: 18 Sep 2023 12:09



Tgt Ion: 63 Resp: 109617
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.7 2.1 6.5





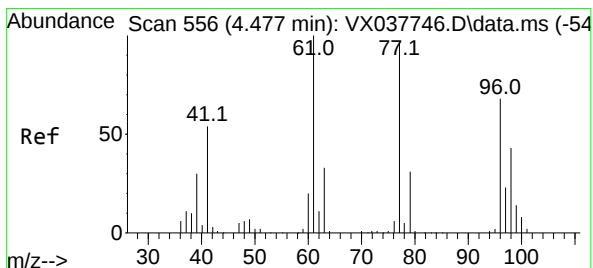
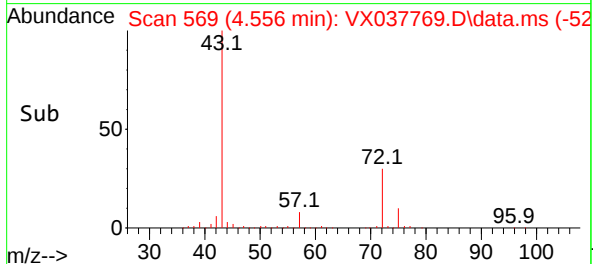
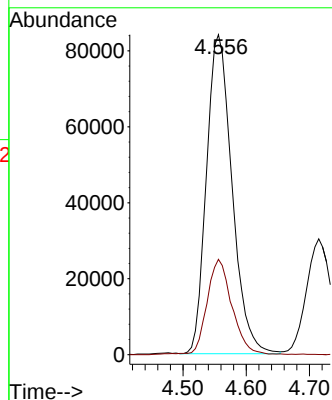
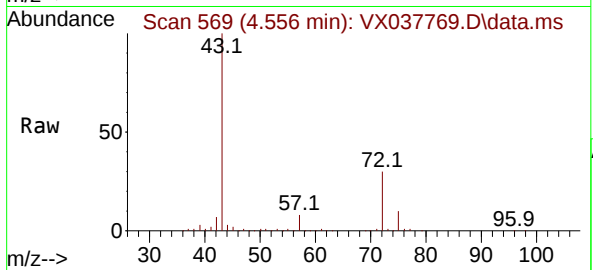
#25
2-Butanone
Concen: 91.345 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tgt Ion: 43 Resp: 23615
Ion Ratio Lower Upper
43 100
72 29.6 19.4 29.2

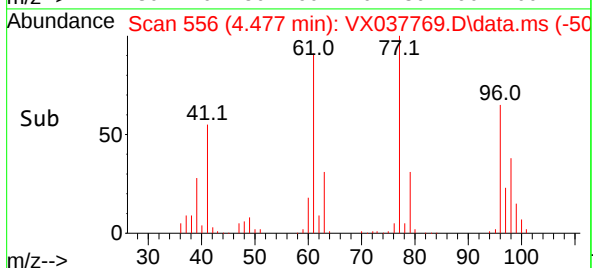
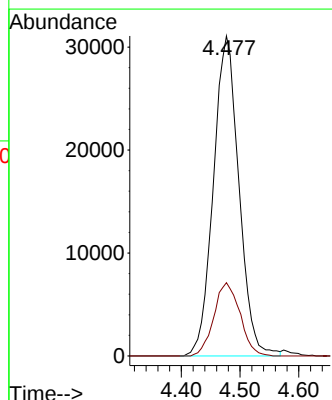
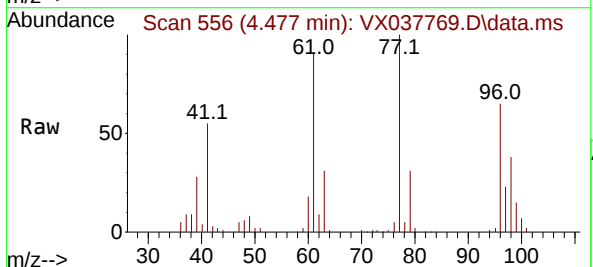
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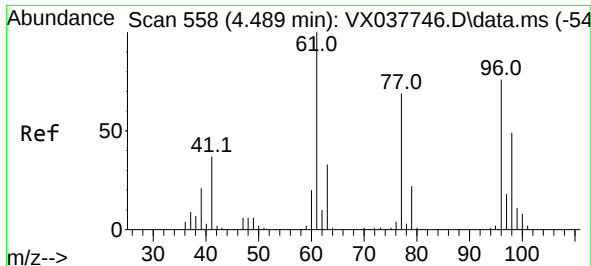
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#26
2,2-Dichloropropane
Concen: 19.756 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 77 Resp: 93846
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.465 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 96 Resp: 7108

Ion Ratio Lower Upper

96 100

61 140.7 0.0 312.2

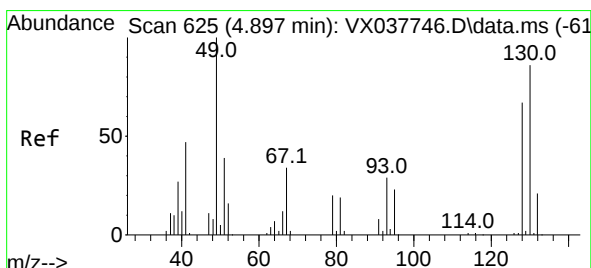
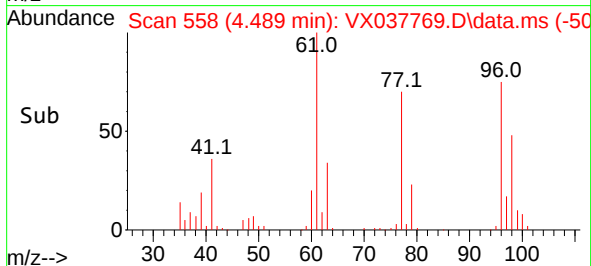
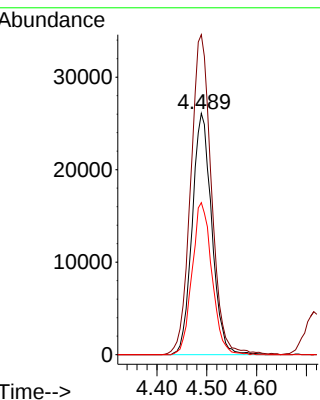
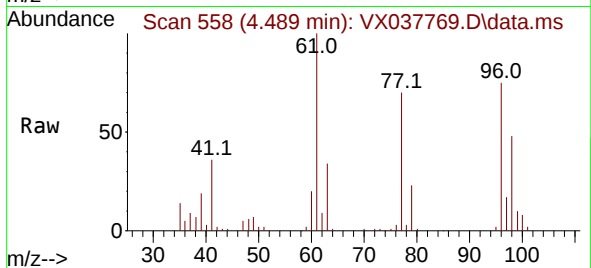
98 63.8 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#28

Bromochloromethane

Concen: 19.999 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

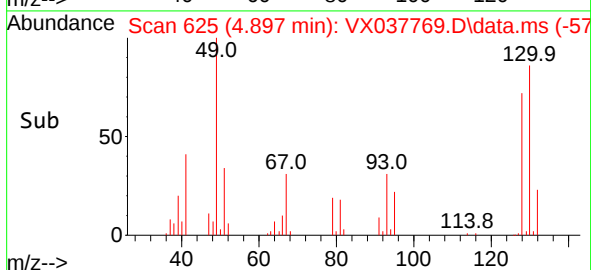
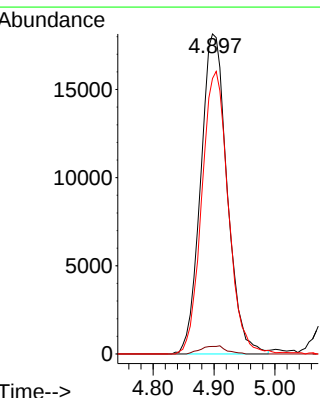
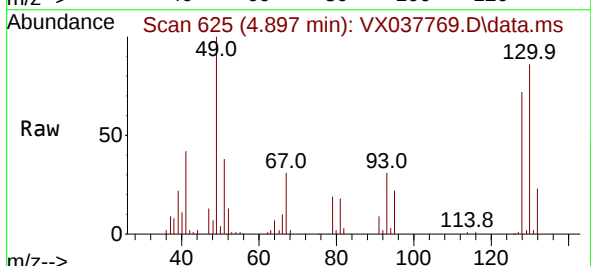
Tgt Ion: 49 Resp: 54849

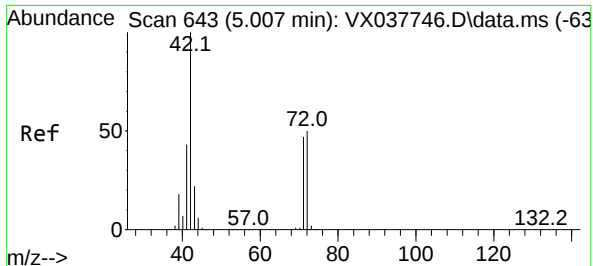
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 88.2 57.5 86.3#





#29

Tetrahydrofuran

Concen: 90.927 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 42 Resp: 14622

Ion Ratio Lower Upper

42 100

72 49.8 34.2 51.4

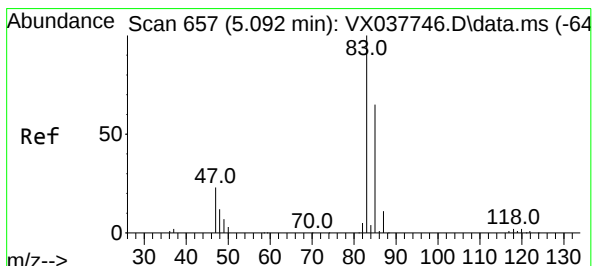
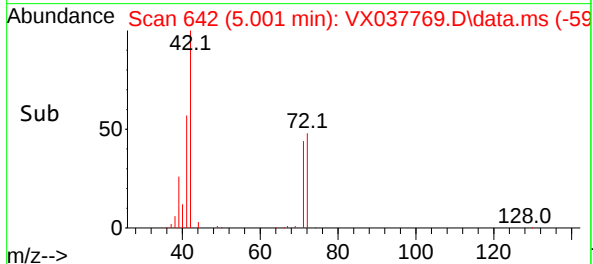
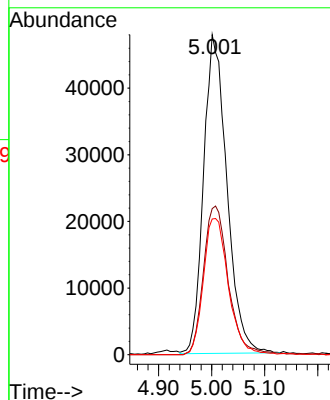
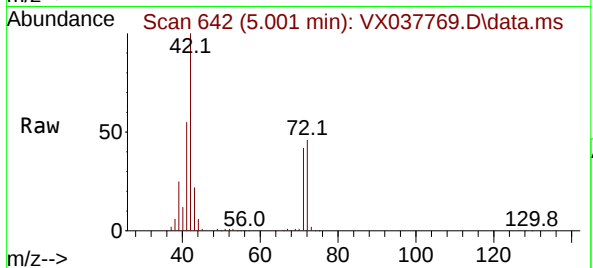
71 45.7 32.2 48.2

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Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#30

Chloroform

Concen: 18.497 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037769.D

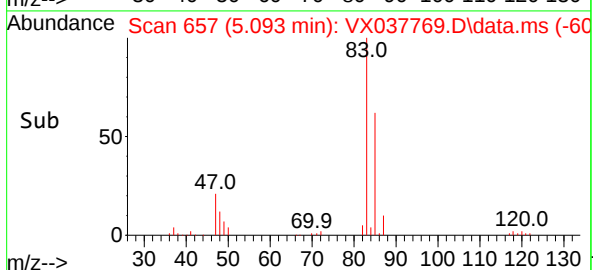
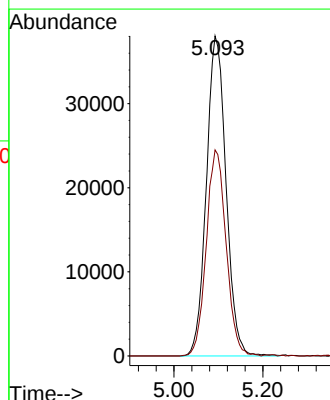
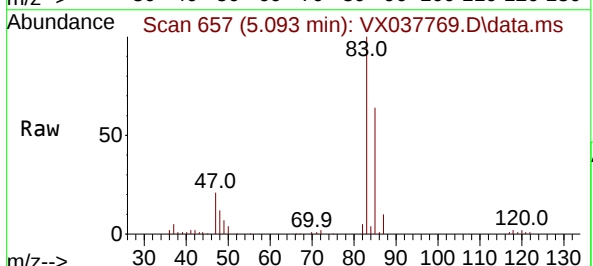
Acq: 18 Sep 2023 12:09

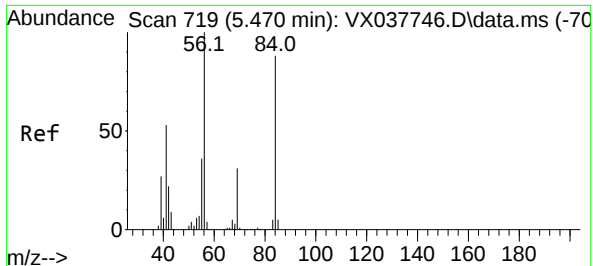
Tgt Ion: 83 Resp: 117144

Ion Ratio Lower Upper

83 100

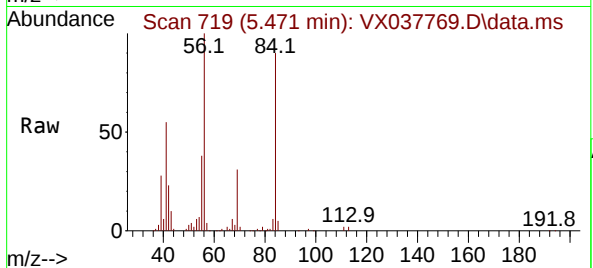
85 64.4 50.3 75.5





#31
Cyclohexane
Concen: 19.177 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

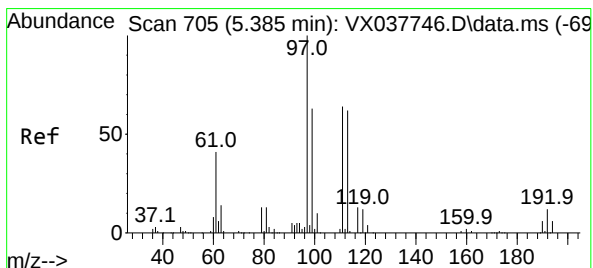
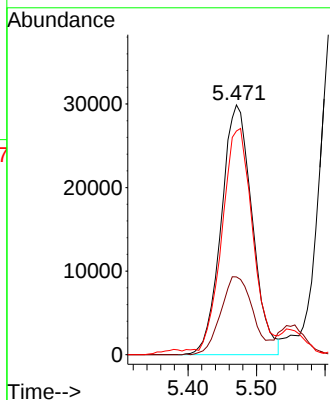
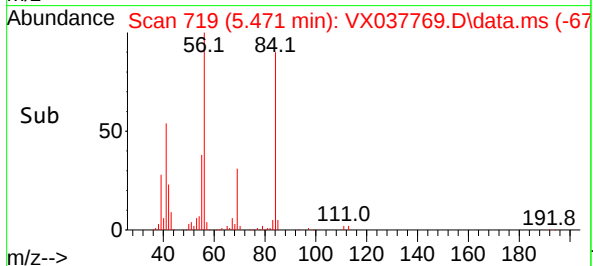
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 56 Resp: 9373
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 87.7 65.9 98.9

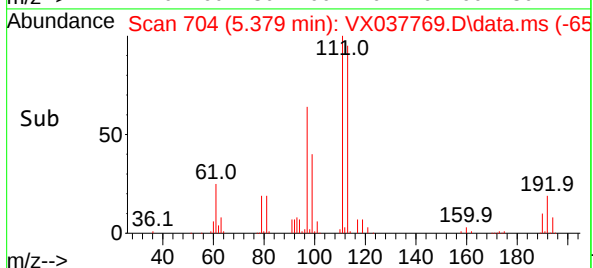
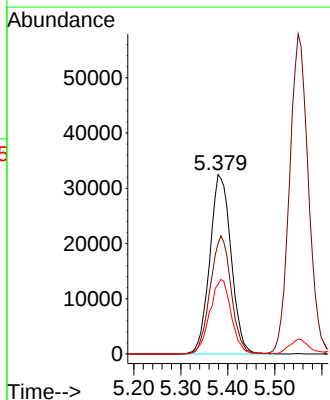
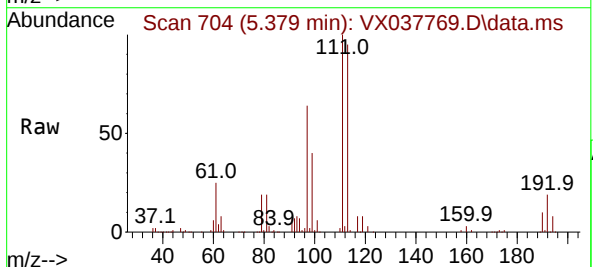
Manual Integrations
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Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#32
1,1,1-Trichloroethane
Concen: 19.058 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

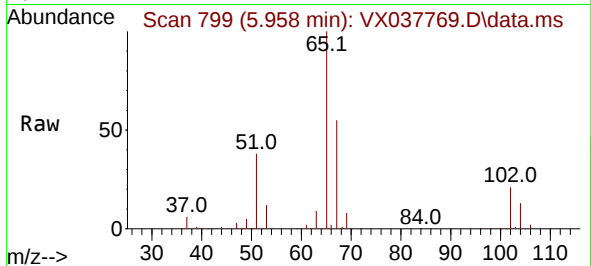
Tgt Ion: 97 Resp: 102195
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 41.7 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.416 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

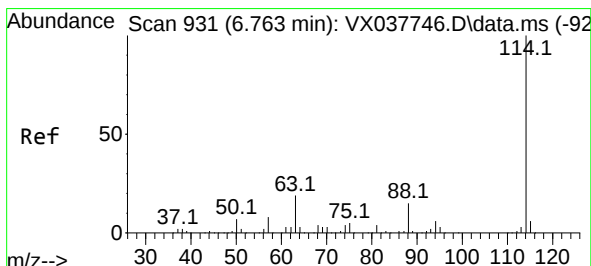
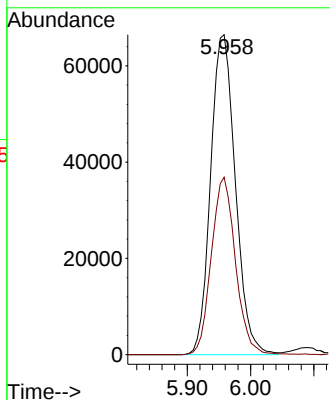
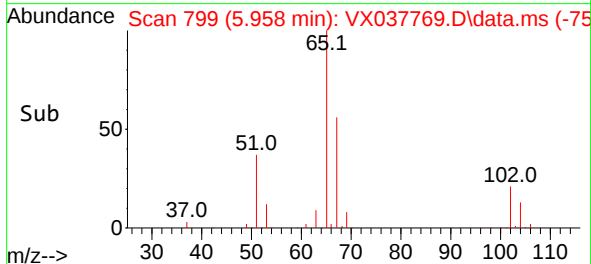
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



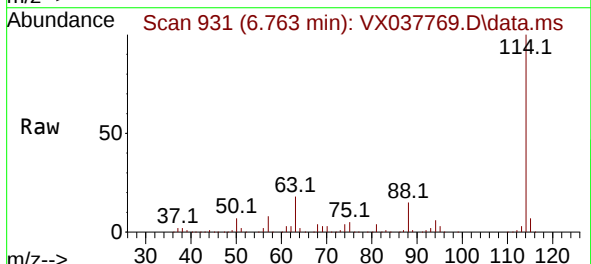
Tgt Ion: 65 Resp: 180578
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

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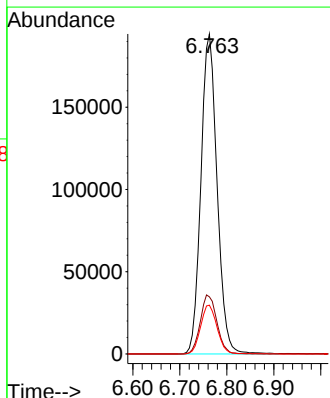
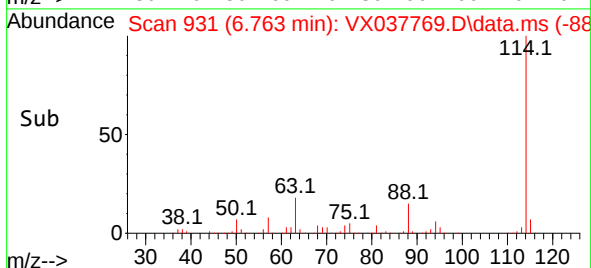
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

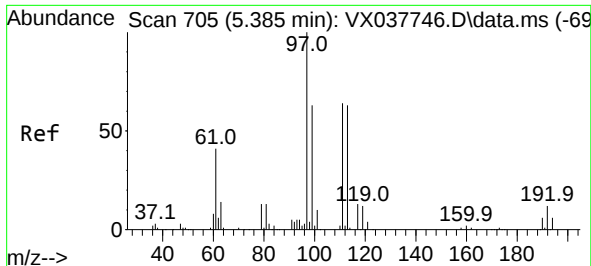


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09



Tgt Ion:114 Resp: 464946
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.994 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037769.D

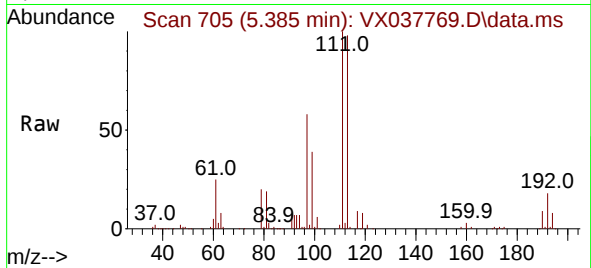
Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01



Tgt Ion: 113 Resp: 155530

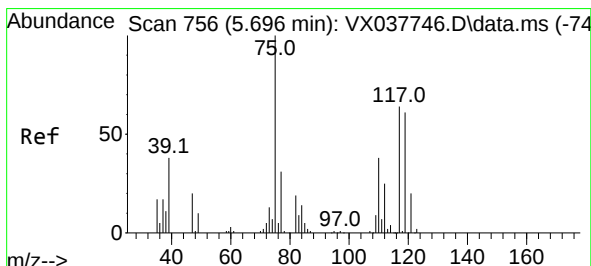
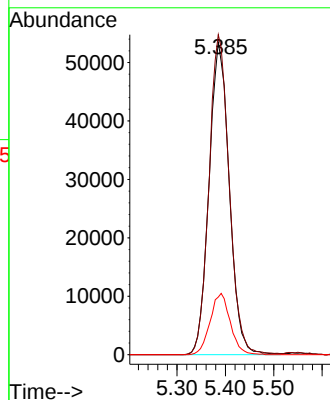
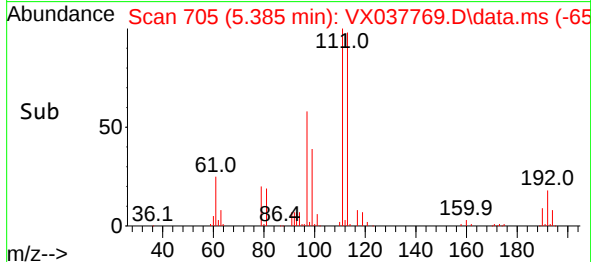
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	19.5	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#36

1,1-Dichloropropene

Concen: 18.907 ug/l

RT: 5.696 min Scan# 756

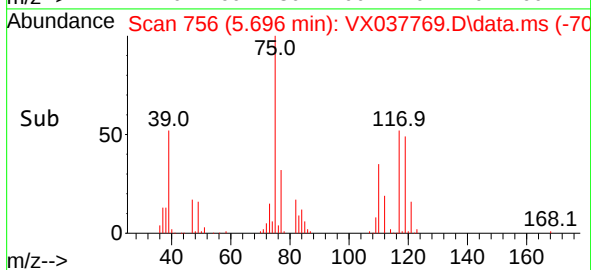
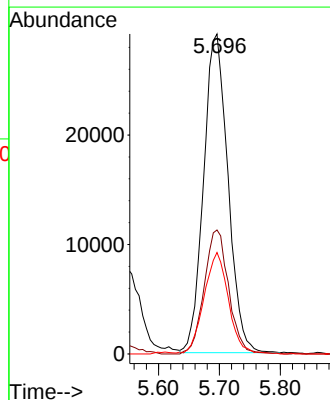
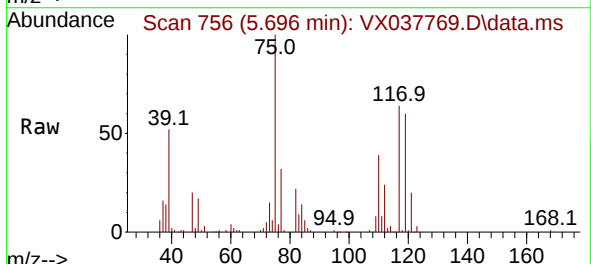
Delta R.T. -0.000 min

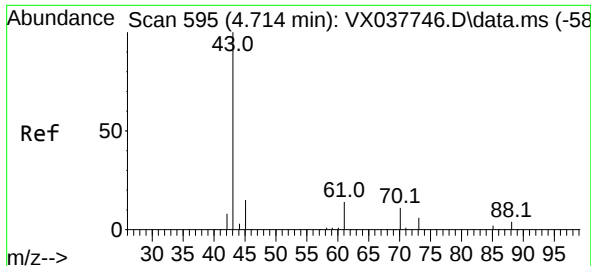
Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Tgt Ion: 75 Resp: 81027

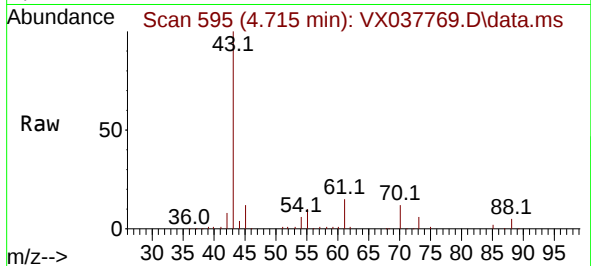
Ion	Ratio	Lower	Upper
75	100		
110	39.0	17.0	50.9
77	32.0	24.7	37.1





#37
Ethyl Acetate
Concen: 18.323 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

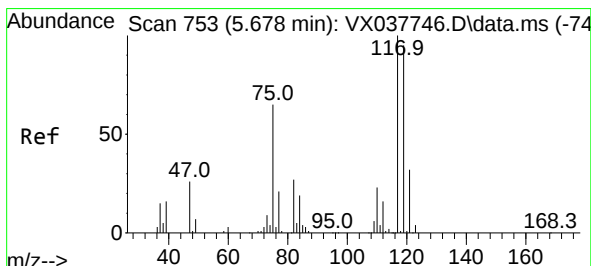
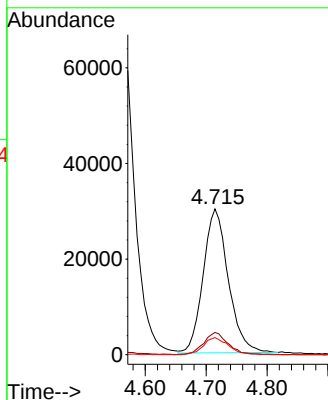
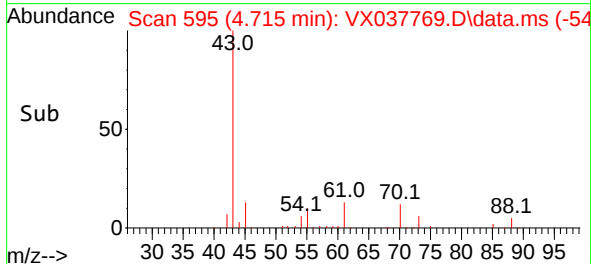
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 43 Resp: 86325
Ion Ratio Lower Upper
43 100
61 15.1 10.6 16.0
70 11.8 8.3 12.5

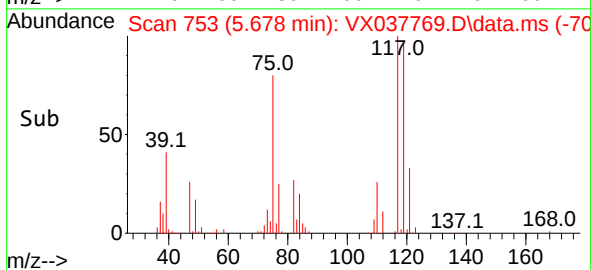
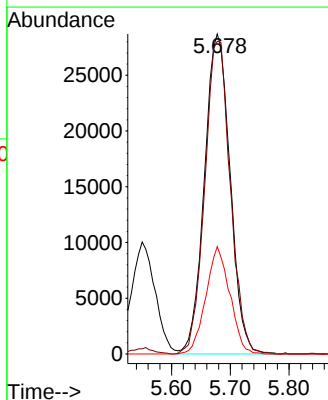
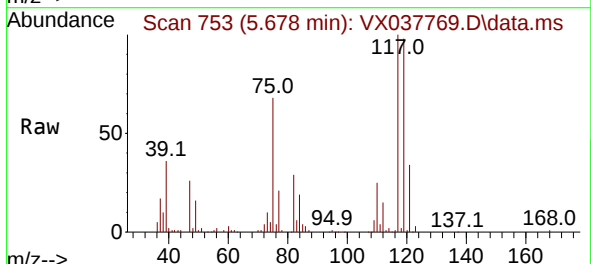
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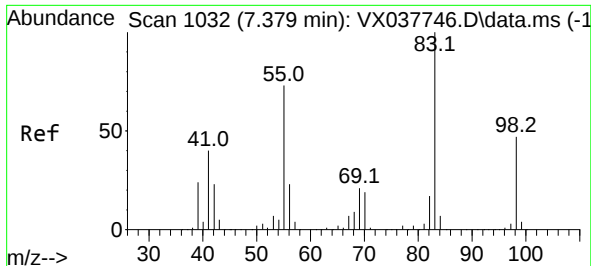
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#38
Carbon Tetrachloride
Concen: 19.459 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion:117 Resp: 87254
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 33.5 24.4 36.6





#39

Methylcyclohexane

Concen: 19.773 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 83 Resp: 107549

Ion Ratio Lower Upper

83 100

55 73.1 64.6 97.0

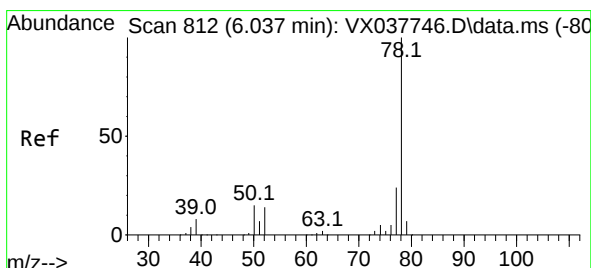
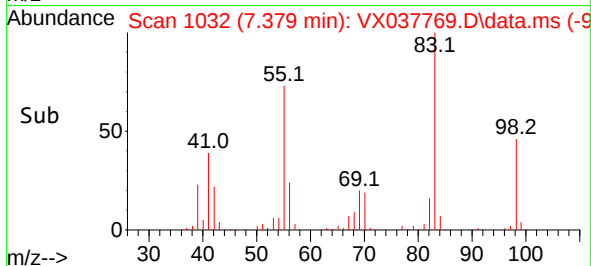
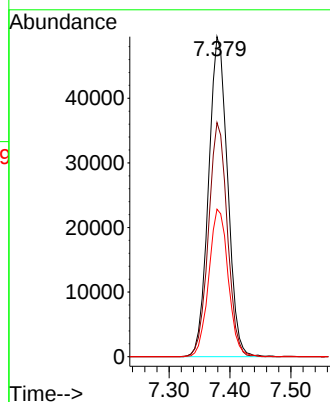
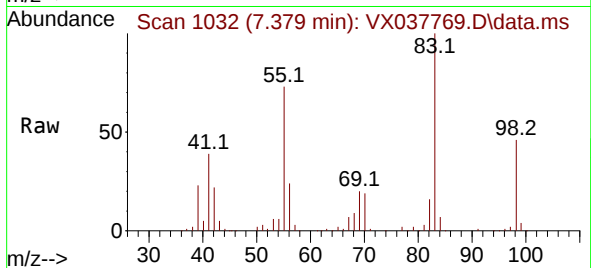
98 46.1 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#40

Benzene

Concen: 19.118 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037769.D

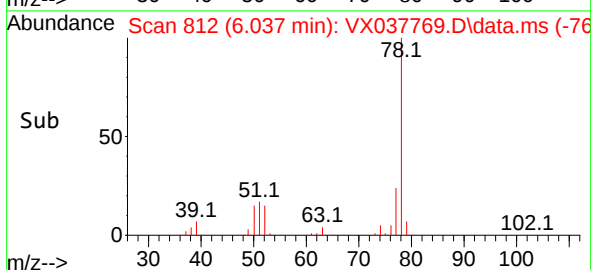
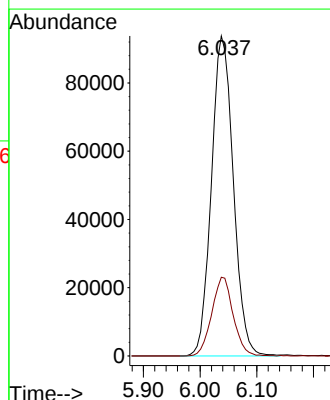
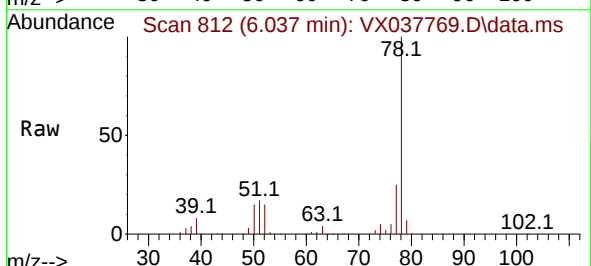
Acq: 18 Sep 2023 12:09

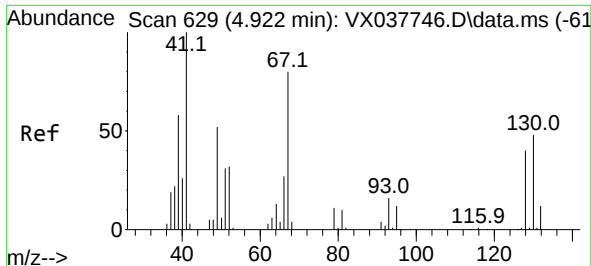
Tgt Ion: 78 Resp: 251943

Ion Ratio Lower Upper

78 100

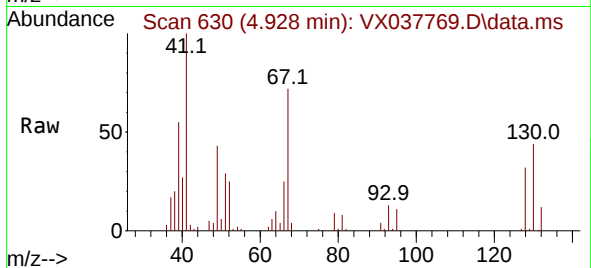
77 24.6 19.3 28.9





#41
Methacrylonitrile
Concen: 19.490 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

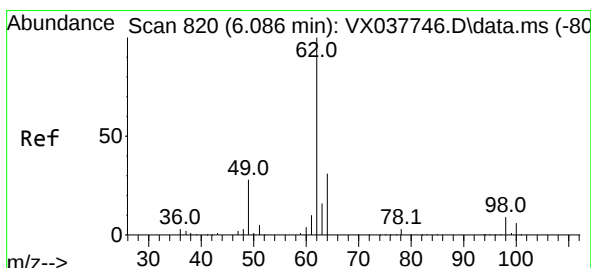
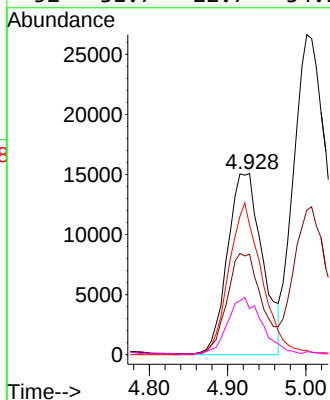
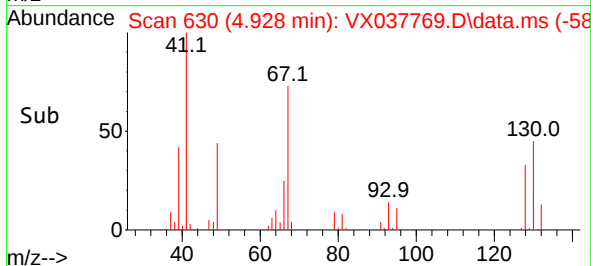
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 41 Resp: 46819
Ion Ratio Lower Upper
41 100
39 54.0 45.2 67.8
67 79.7 52.6 78.8
52 31.7 22.7 34.1

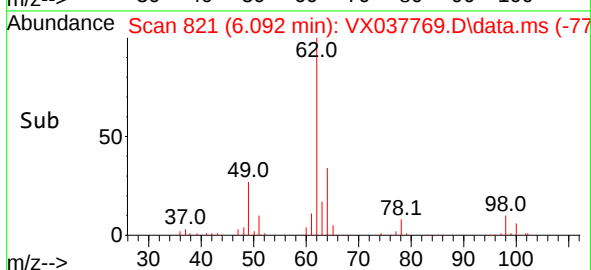
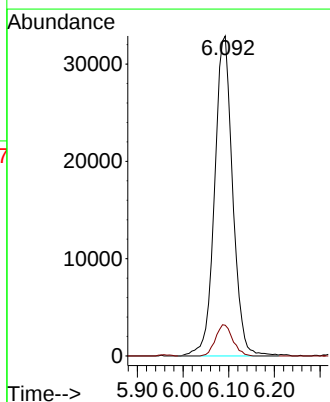
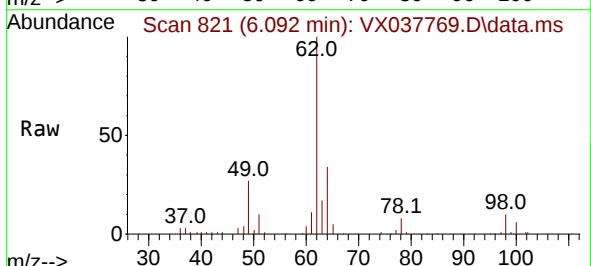
Manual Integrations
APPROVED

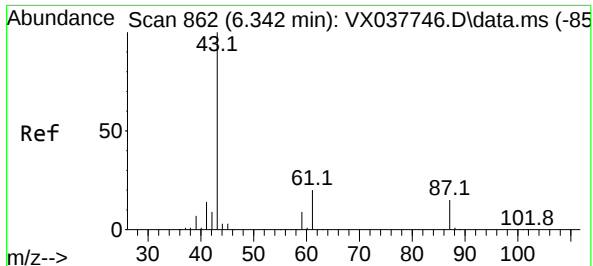
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#42
1,2-Dichloroethane
Concen: 18.985 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 62 Resp: 90428
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.933 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 43 Resp: 14263

Ion Ratio Lower Upper

43 100

61 20.8 15.2 22.8

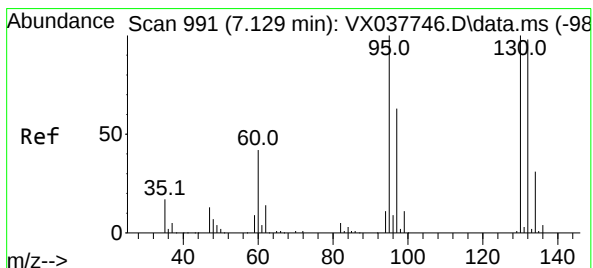
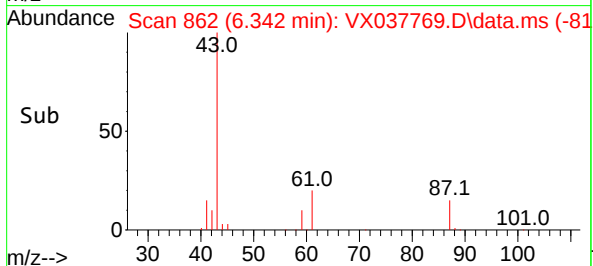
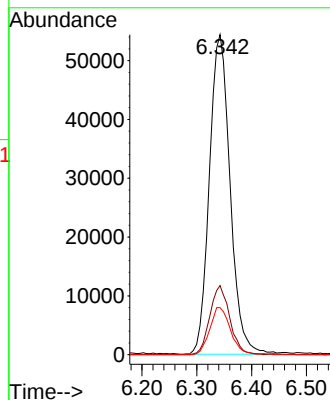
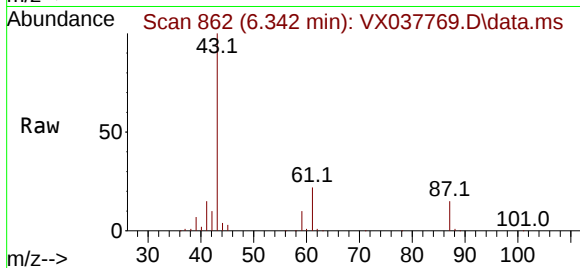
87 14.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#44

Trichloroethene

Concen: 18.587 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037769.D

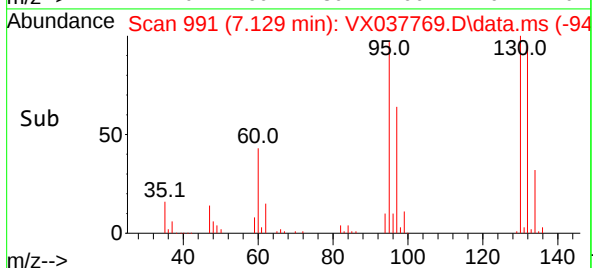
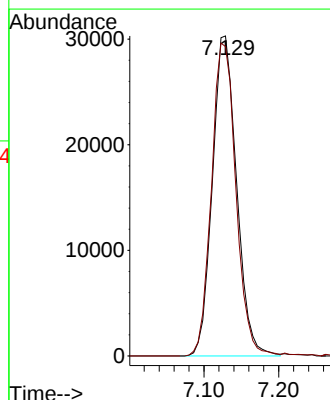
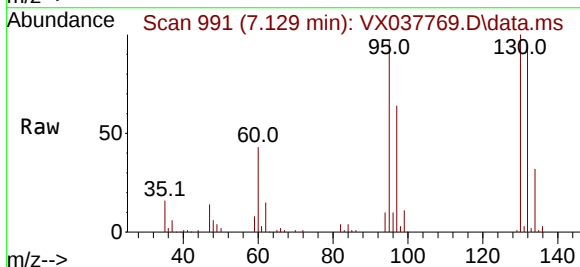
Acq: 18 Sep 2023 12:09

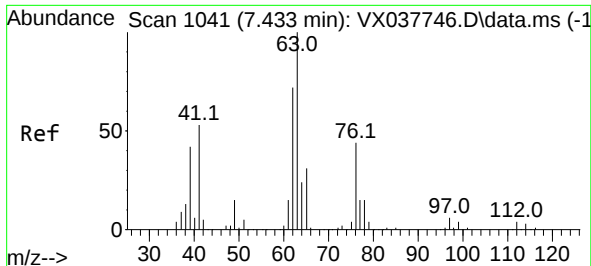
Tgt Ion:130 Resp: 68217

Ion Ratio Lower Upper

130 100

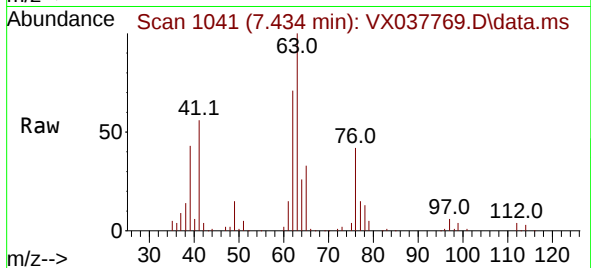
95 96.7 0.0 204.4





#45
1,2-Dichloropropane
Concen: 18.708 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

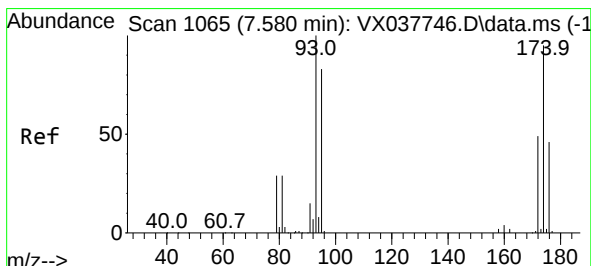
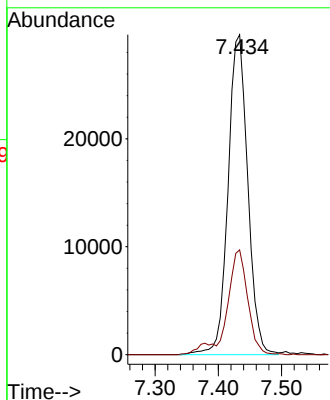
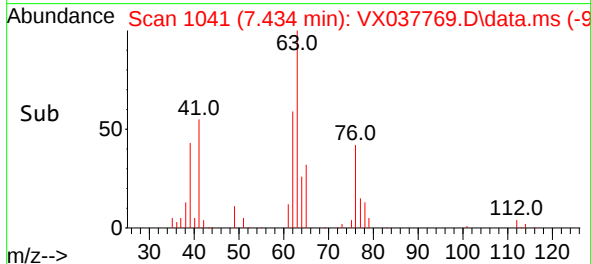
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 63 Resp: 64025
Ion Ratio Lower Upper
63 100
65 32.7 24.3 36.5

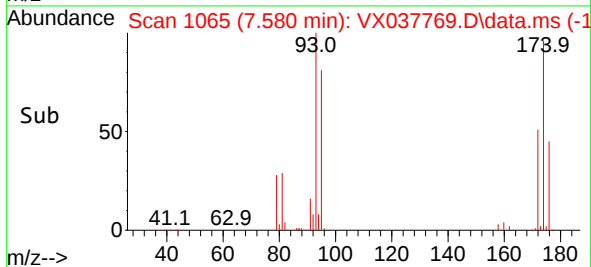
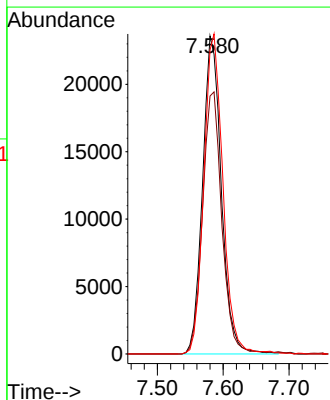
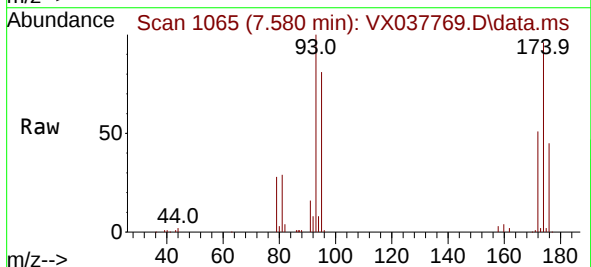
Manual Integrations
APPROVED

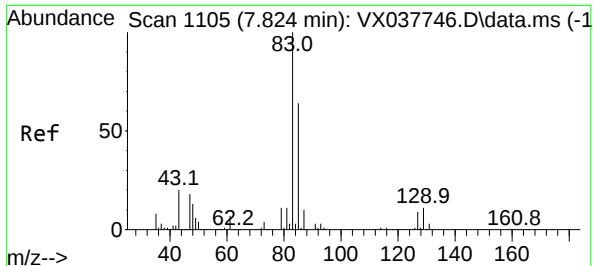
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#46
Dibromomethane
Concen: 19.035 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 93 Resp: 46863
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 102.3 69.4 104.0





#47

Bromodichloromethane

Concen: 19.035 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 83 Resp: 86308

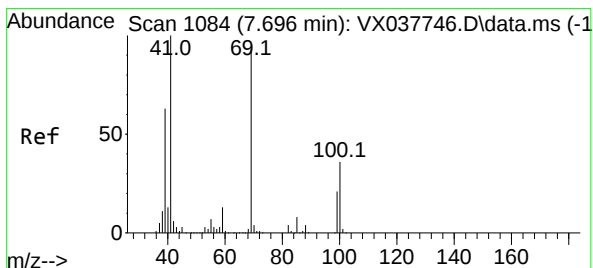
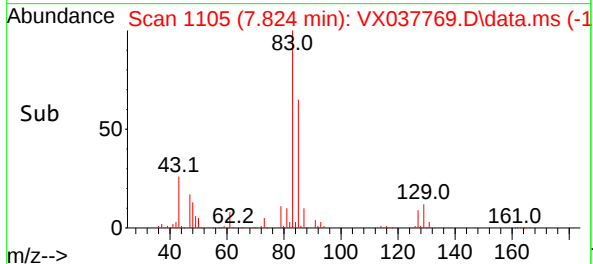
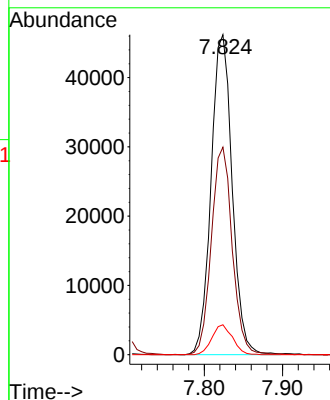
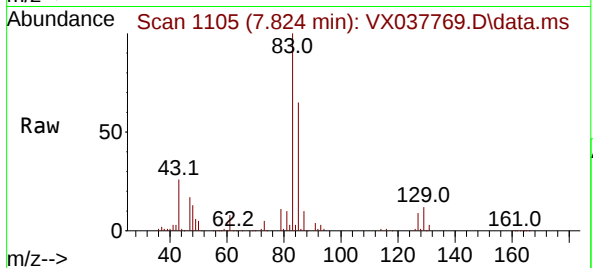
Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.8	74.6
127	9.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#48

Methyl methacrylate

Concen: 18.726 ug/l

RT: 7.696 min Scan# 1084

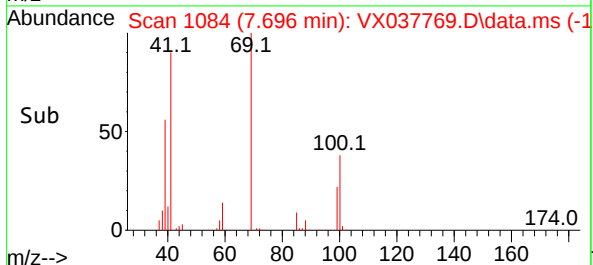
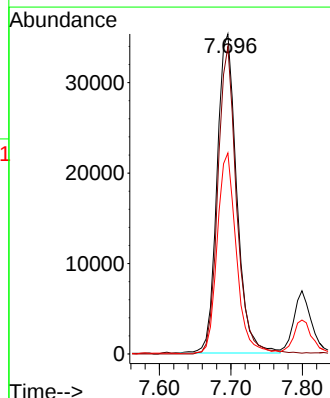
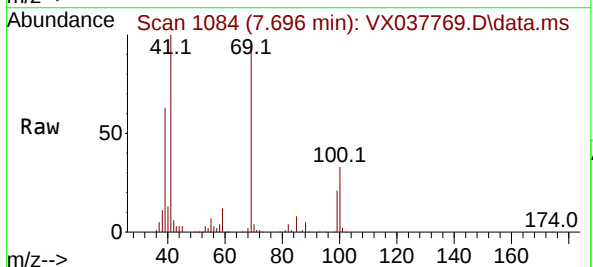
Delta R.T. -0.006 min

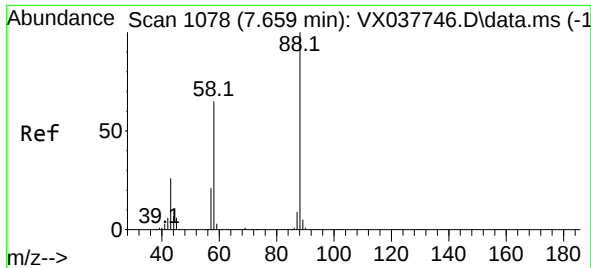
Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Tgt Ion: 41 Resp: 67438

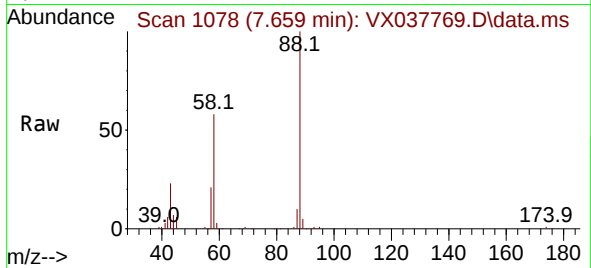
Ion	Ratio	Lower	Upper
41	100		
69	91.9	59.2	88.8
39	61.0	47.7	71.5





#49
1,4-Dioxane
Concen: 429.950 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

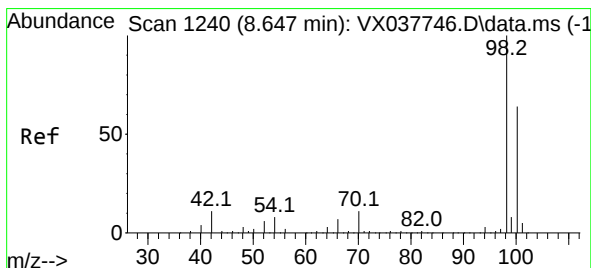
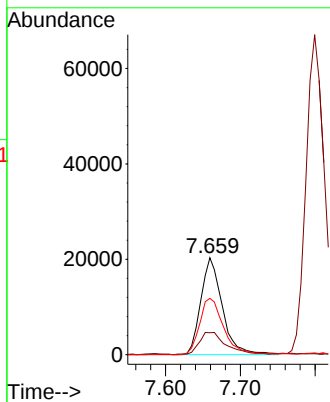
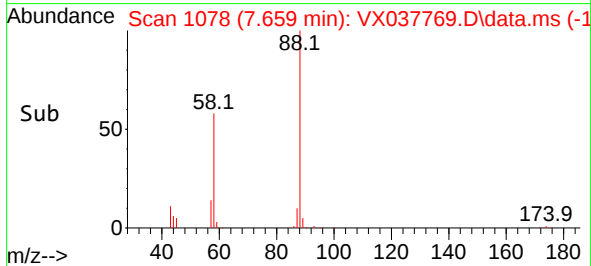
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 88 Resp: 4059
Ion Ratio Lower Upper
88 100
43 29.3 0.0 0.0
58 64.5 60.1 90.1

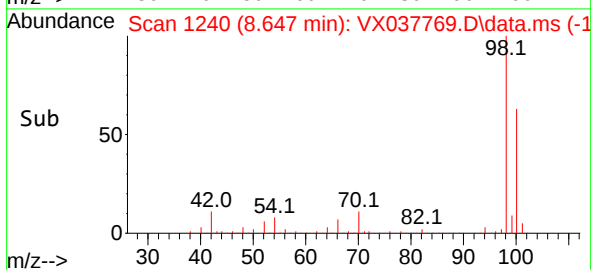
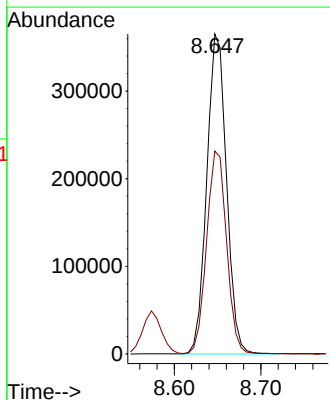
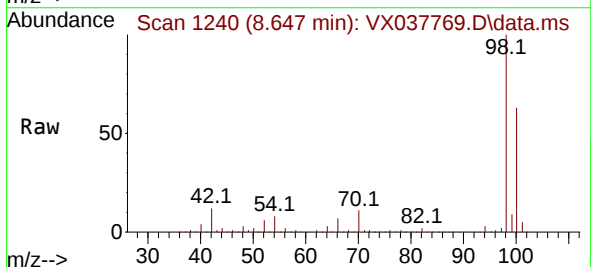
Manual Integrations
APPROVED

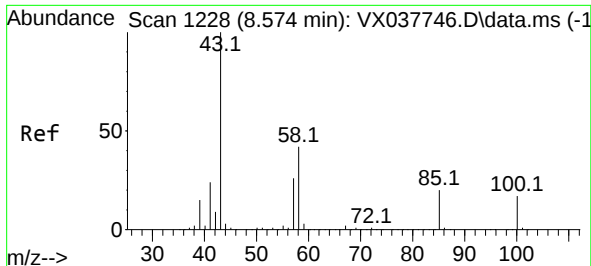
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#50
Toluene-d8
Concen: 49.936 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

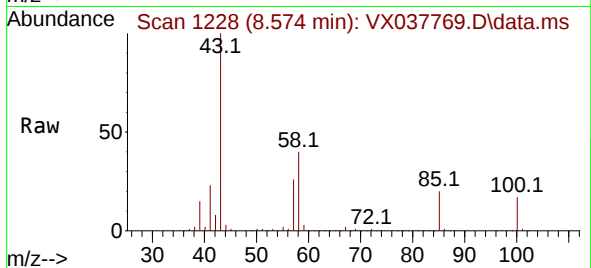
Tgt Ion: 98 Resp: 577215
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 94.813 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

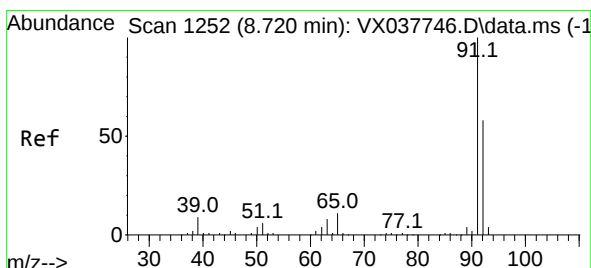
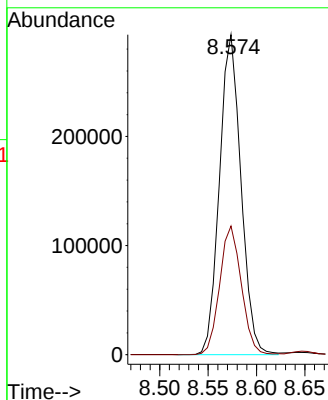
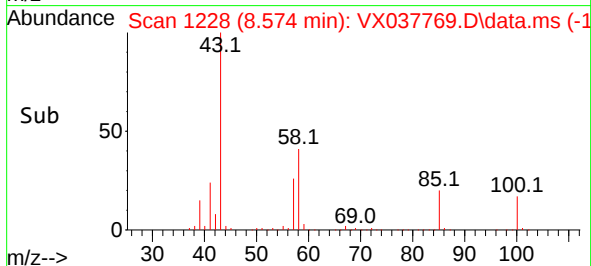
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion: 43 Resp: 45317
Ion Ratio Lower Upper
43 100
58 40.5 30.4 45.6

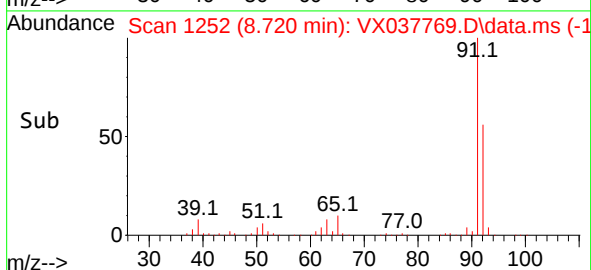
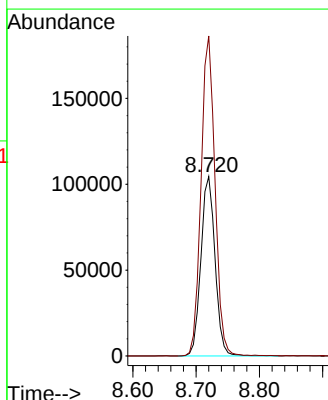
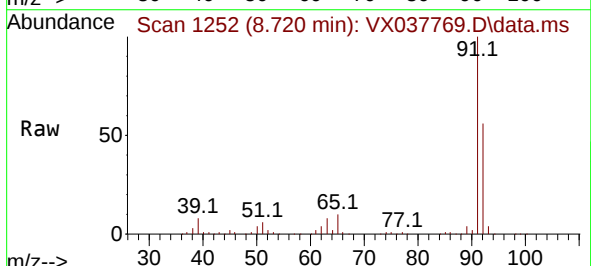
Manual Integrations
APPROVED

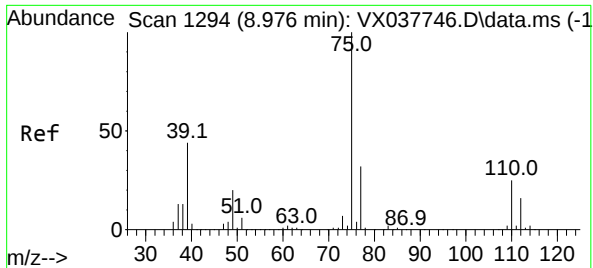
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#52
Toluene
Concen: 19.177 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 92 Resp: 162872
Ion Ratio Lower Upper
92 100
91 176.4 134.2 201.2





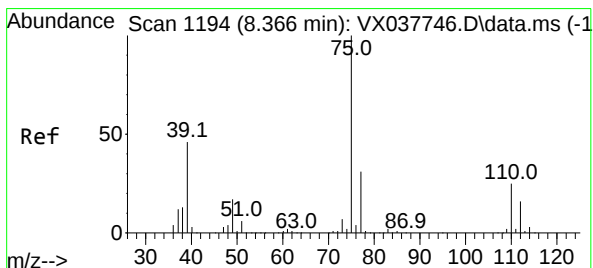
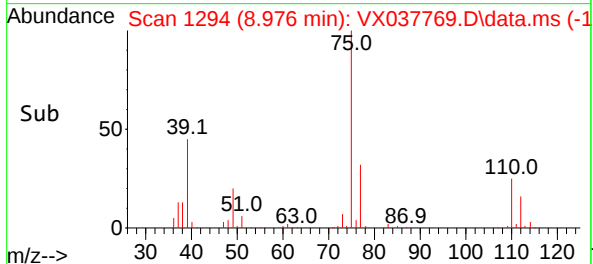
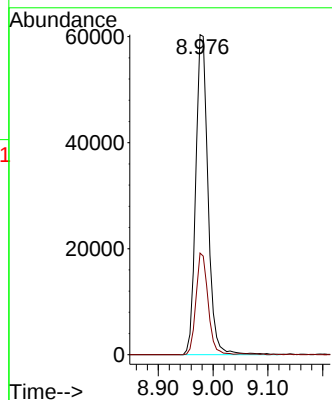
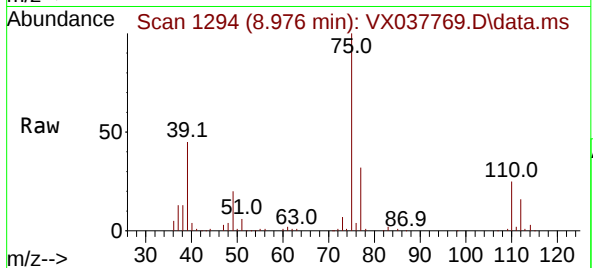
#53
t-1,3-Dichloropropene
Concen: 19.929 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.012 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tgt Ion: 75 Resp: 94480
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

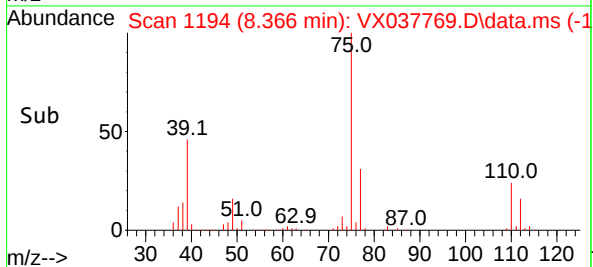
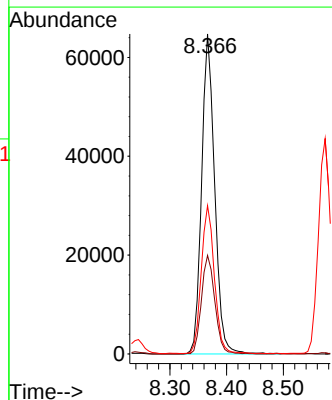
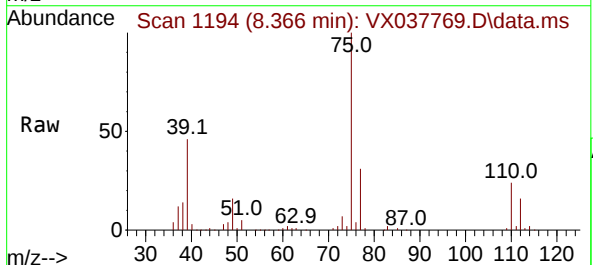
Manual Integrations
APPROVED

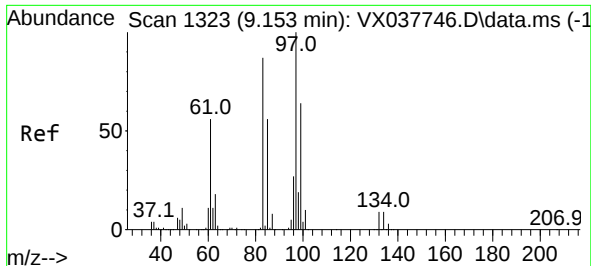
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#54
cis-1,3-Dichloropropene
Concen: 19.686 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

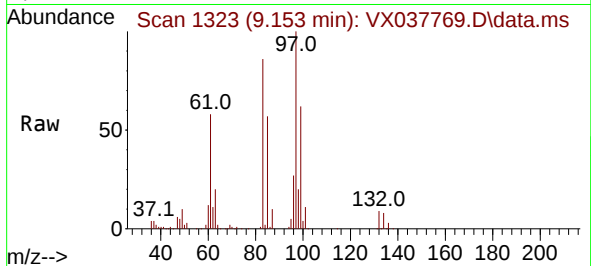
Tgt Ion: 75 Resp: 103289
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 46.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 18.945 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

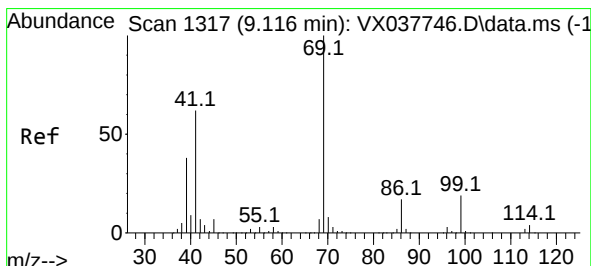
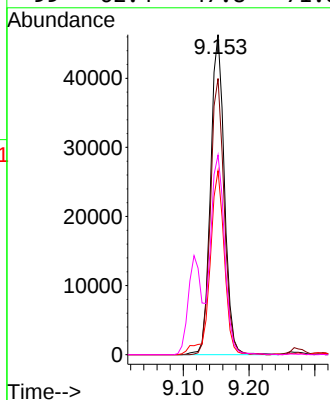
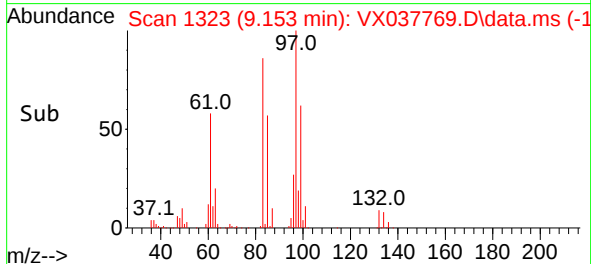
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



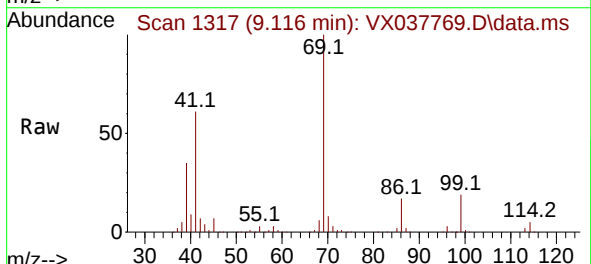
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.8	98.8
85	57.5	41.6	62.4
99	62.4	47.8	71.8

Manual Integrations
APPROVED

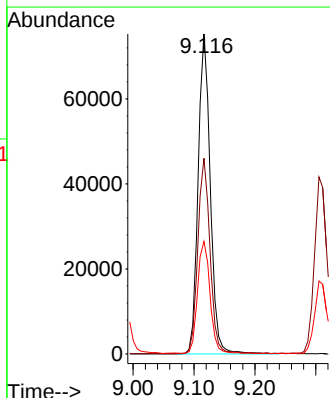
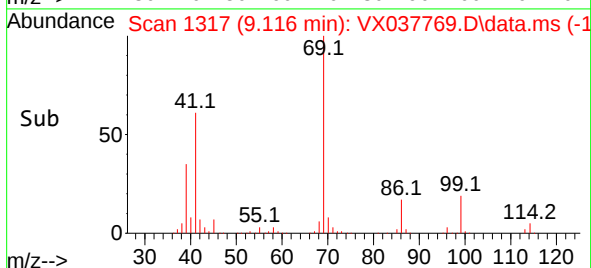
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

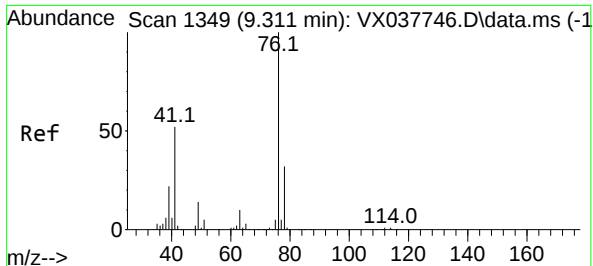


#56
Ethyl methacrylate
Concen: 19.520 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.4	56.8	85.2
39	35.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 18.844 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 76 Resp: 109194

Ion Ratio Lower Upper

76 100

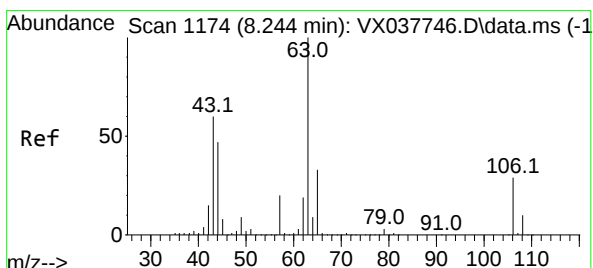
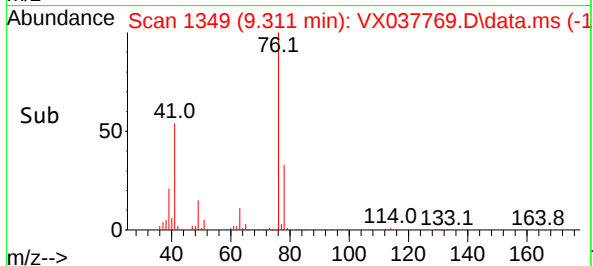
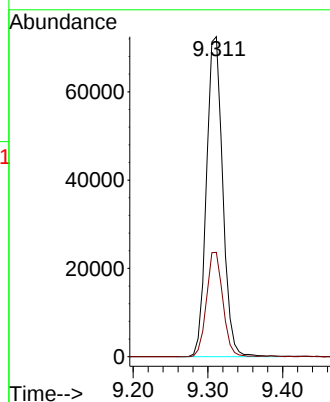
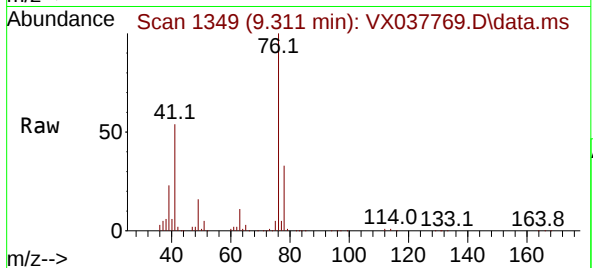
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 95.435 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037769.D

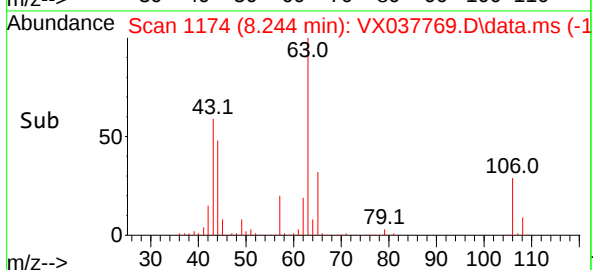
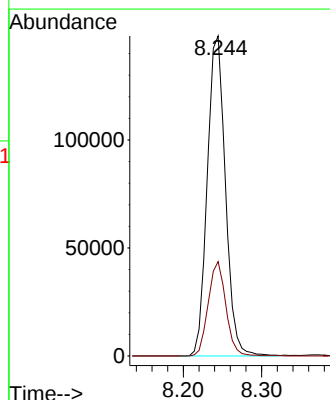
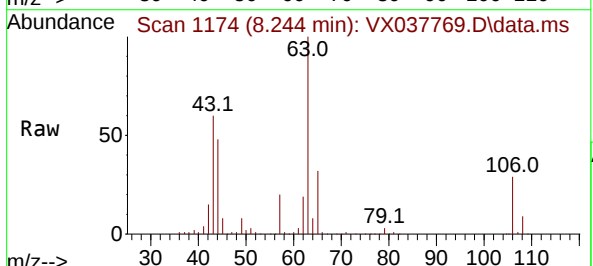
Acq: 18 Sep 2023 12:09

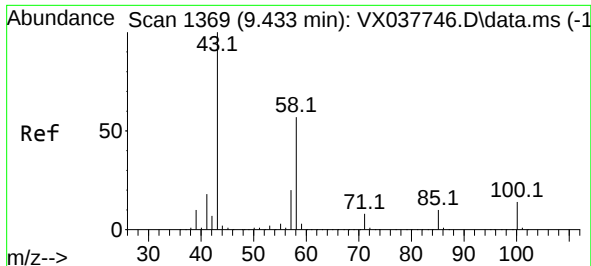
Tgt Ion: 63 Resp: 238229

Ion Ratio Lower Upper

63 100

106 28.6 22.5 33.7





#59

2-Hexanone

Concen: 95.530 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 43 Resp: 355510

Ion Ratio Lower Upper

43 100

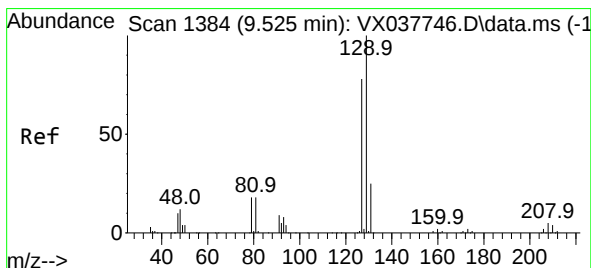
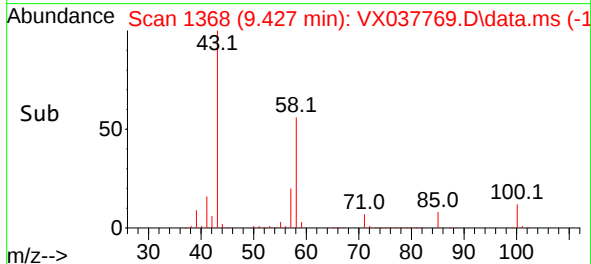
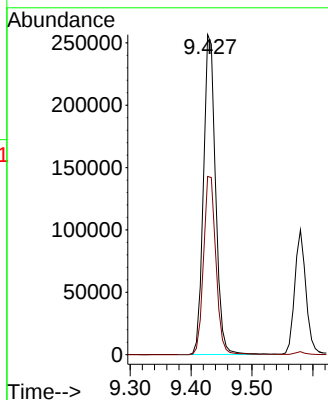
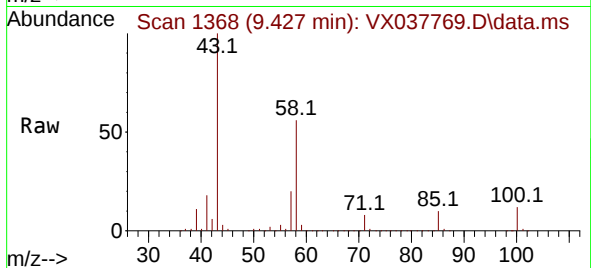
58 56.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#60

Dibromochloromethane

Concen: 19.156 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037769.D

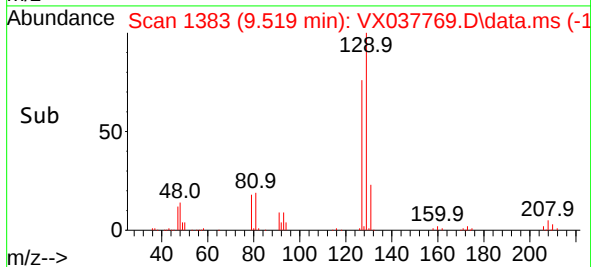
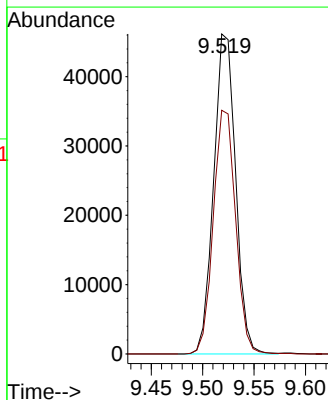
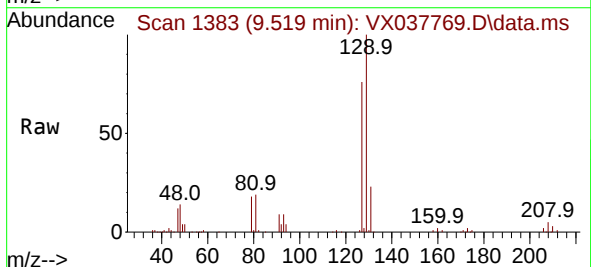
Acq: 18 Sep 2023 12:09

Tgt Ion:129 Resp: 68334

Ion Ratio Lower Upper

129 100

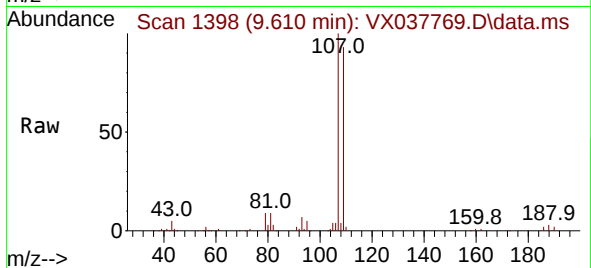
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.178 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

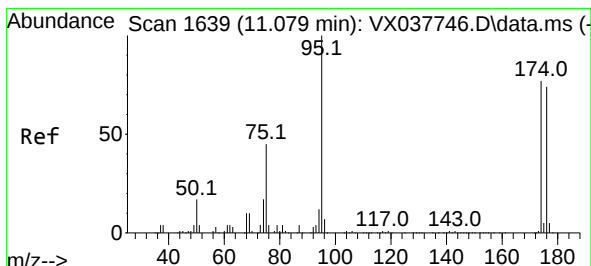
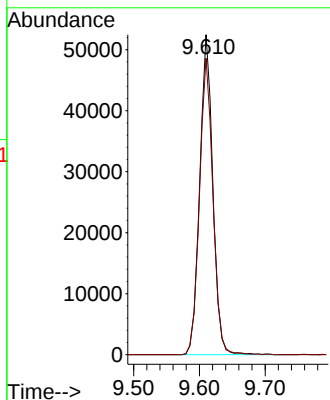
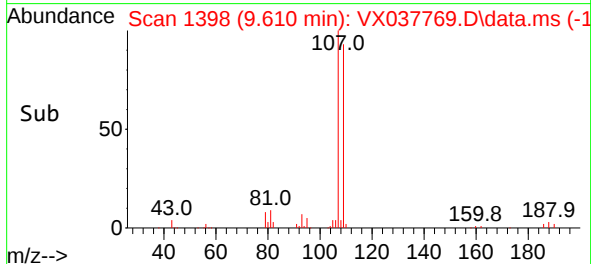
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



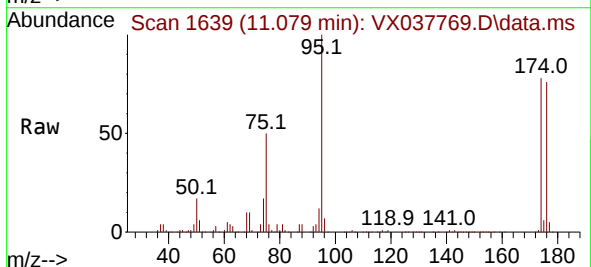
Tgt Ion:107 Resp: 72709
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

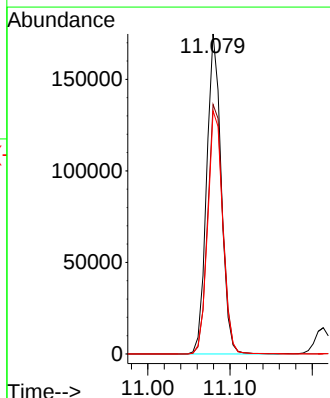
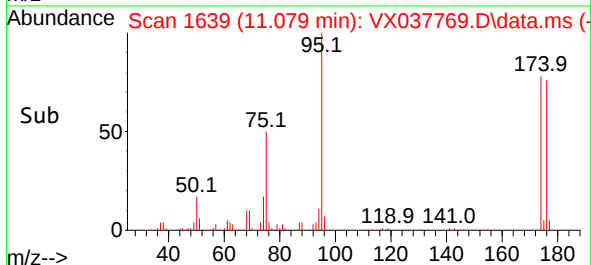
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

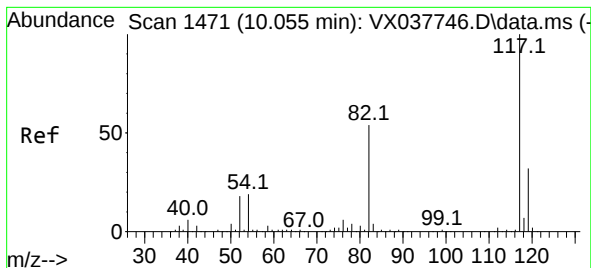


#62
4-Bromofluorobenzene
Concen: 51.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09



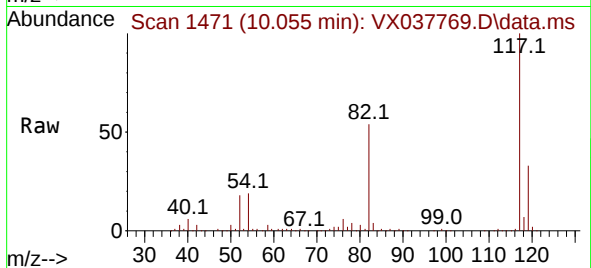
Tgt Ion: 95 Resp: 214364
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 78.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

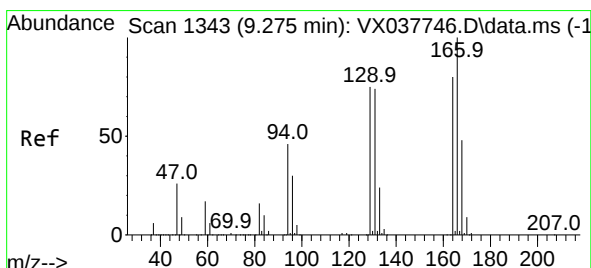
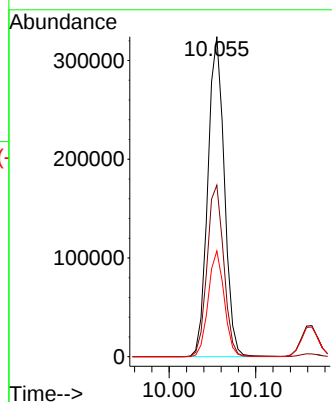
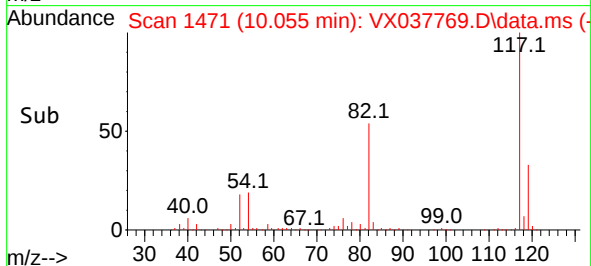
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion:117 Resp: 429489
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 33.1 25.5 38.3

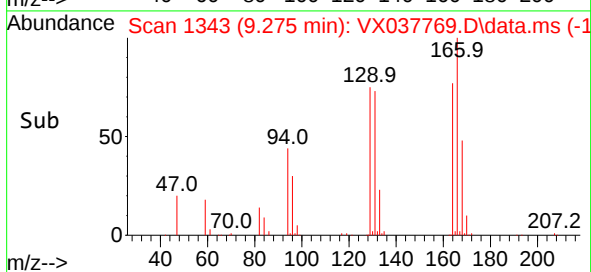
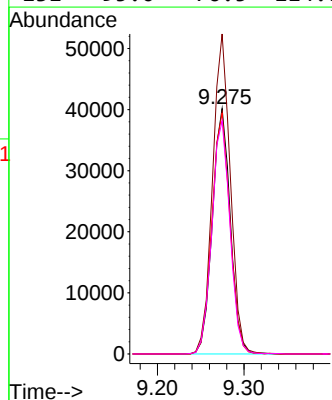
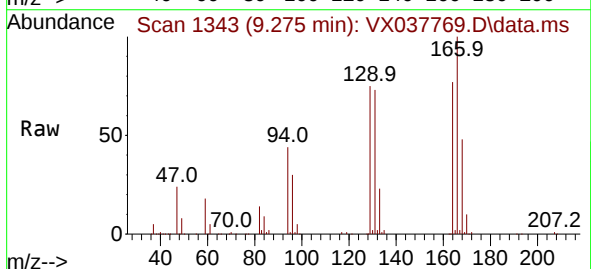
Manual Integrations
APPROVED

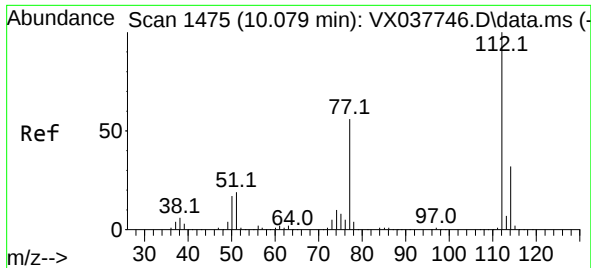
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#64
Tetrachloroethene
Concen: 19.719 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

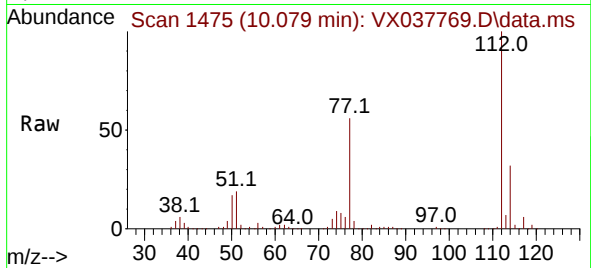
Tgt Ion:164 Resp: 57759
Ion Ratio Lower Upper
164 100
166 130.4 102.7 154.1
129 98.1 80.4 120.6
131 95.0 76.5 114.7





#65
Chlorobenzene
Concen: 19.362 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

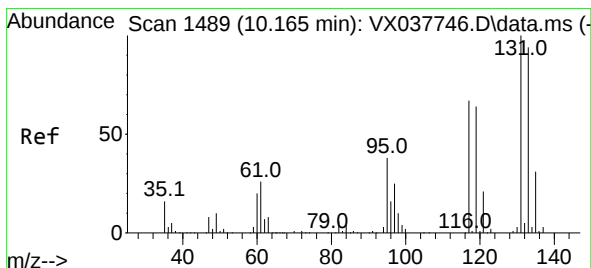
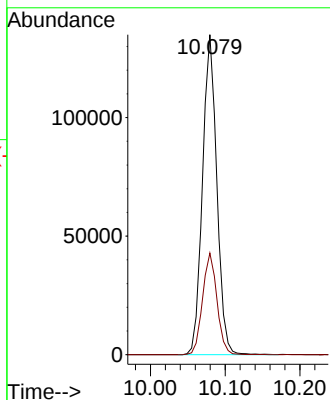
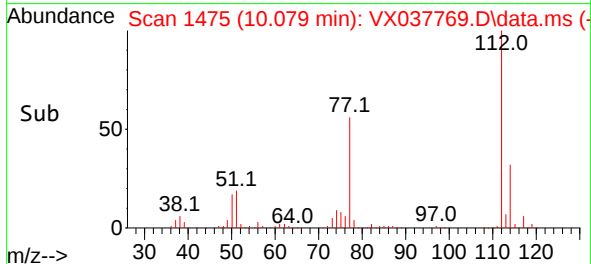
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



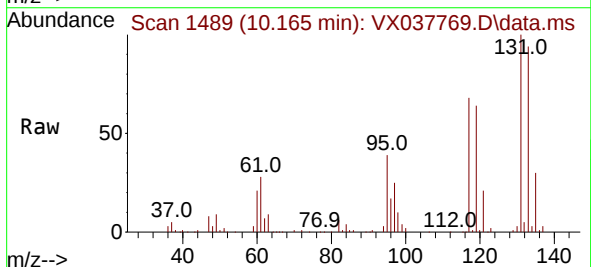
Tgt Ion:112 Resp: 179369
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

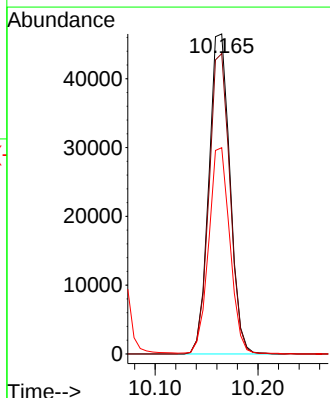
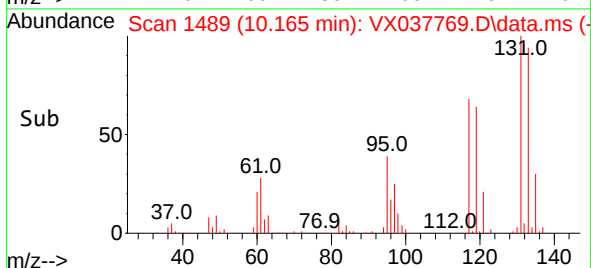
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

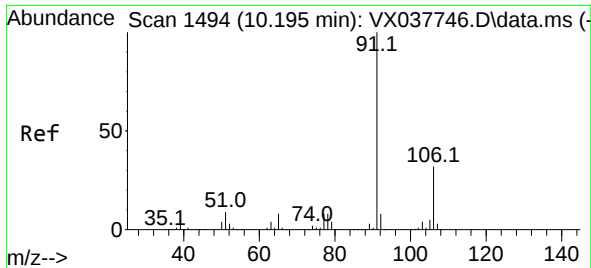


#66
1,1,1,2-Tetrachloroethane
Concen: 20.175 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09



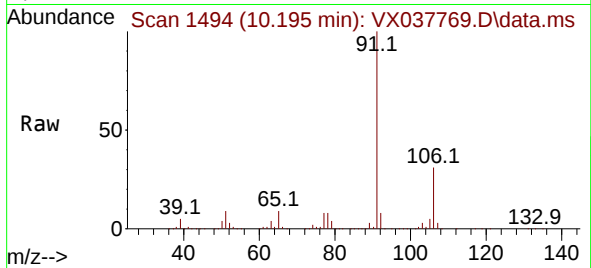
Tgt Ion:131 Resp: 66235
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.4
119 65.1 32.2 96.6





#67
Ethyl Benzene
Concen: 19.923 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

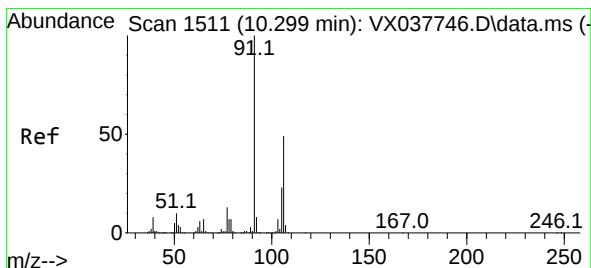
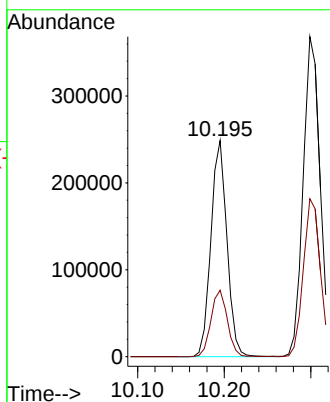
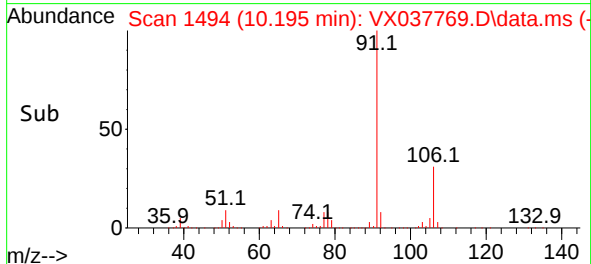
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



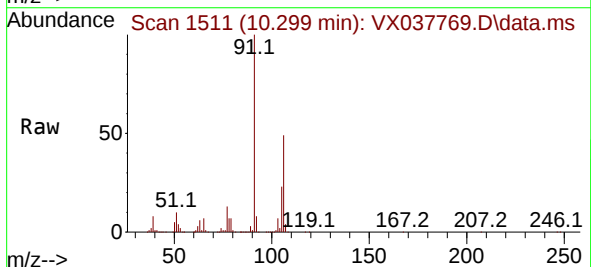
Tgt Ion: 91 Resp: 32000
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

Manual Integrations
APPROVED

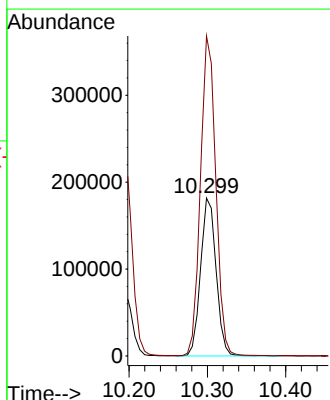
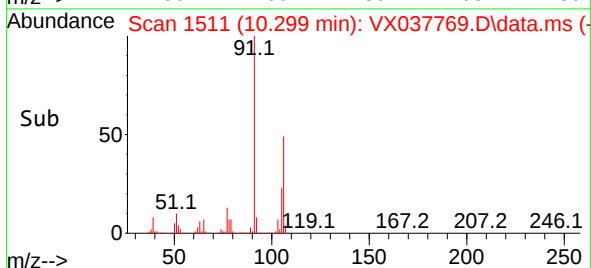
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

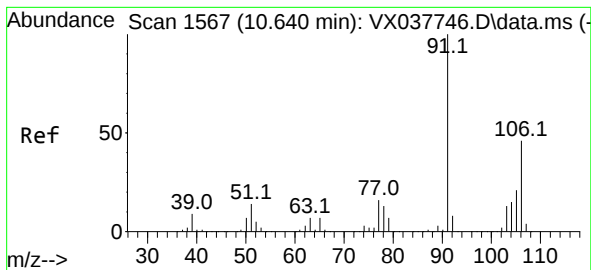


#68
m/p-Xylenes
Concen: 40.116 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09



Tgt Ion:106 Resp: 248977
Ion Ratio Lower Upper
106 100
91 200.9 165.5 248.3





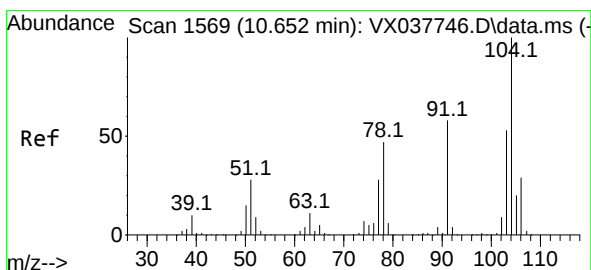
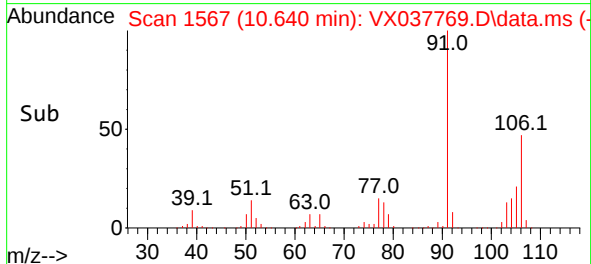
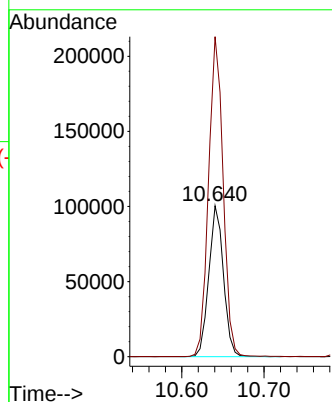
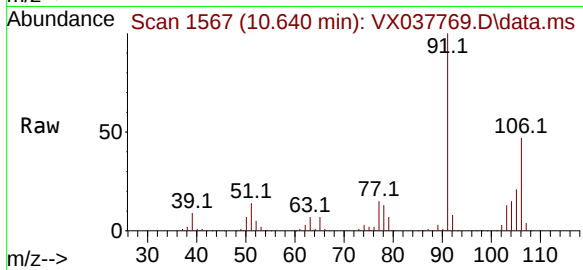
#69
o-Xylene
Concen: 19.993 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tgt Ion:106 Resp: 124429
Ion Ratio Lower Upper
106 100
91 210.9 108.9 326.8

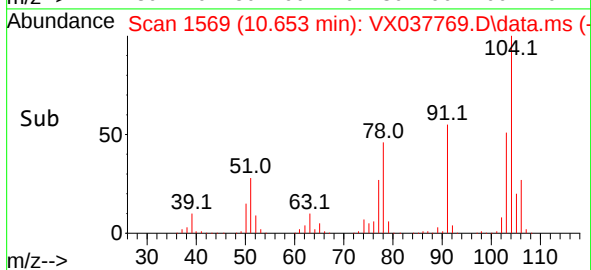
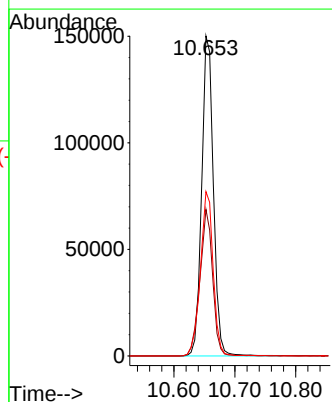
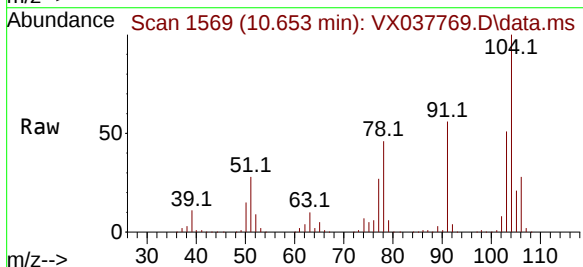
Manual Integrations
APPROVED

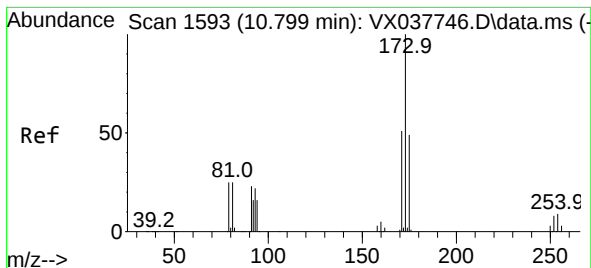
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#70
Styrene
Concen: 20.165 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion:104 Resp: 201474
Ion Ratio Lower Upper
104 100
78 49.6 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 19.658 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

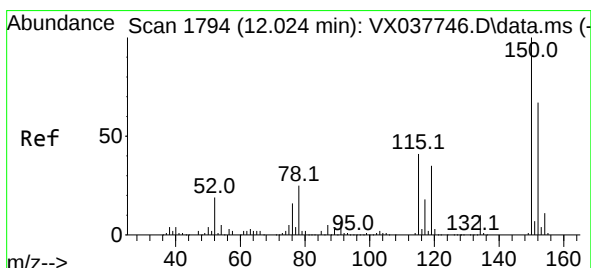
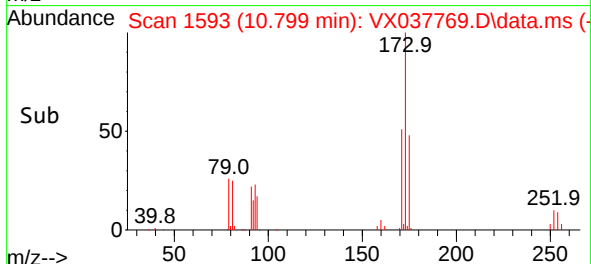
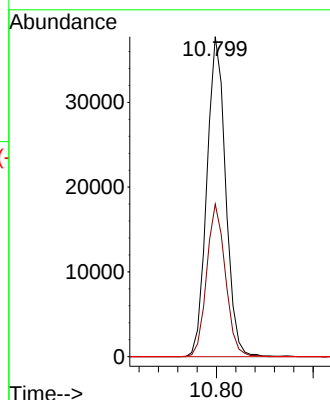
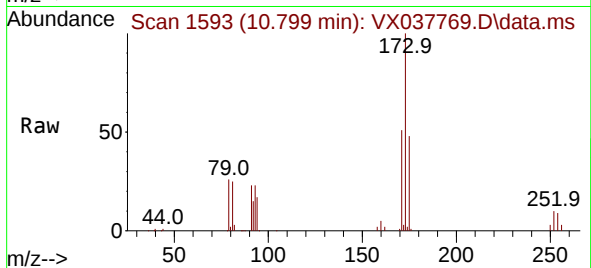
Tgt Ion:173 Resp: 50983
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

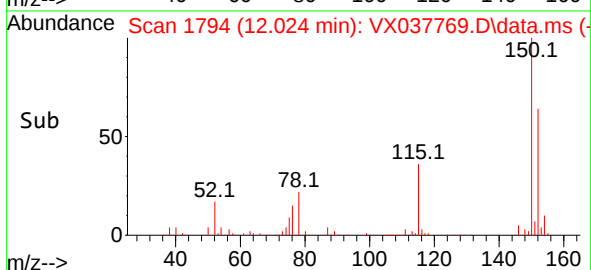
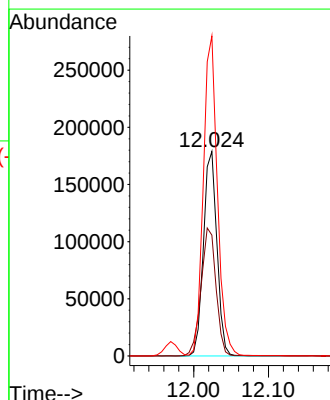
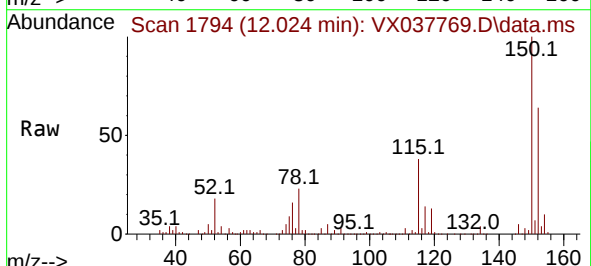
RT: 12.024 min Scan# 1794

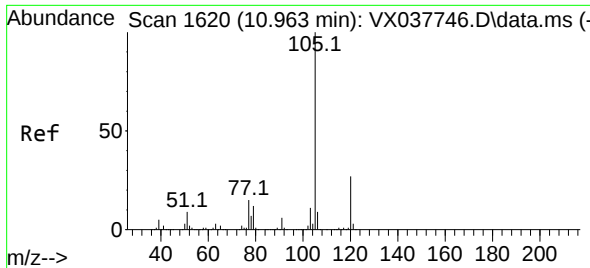
Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

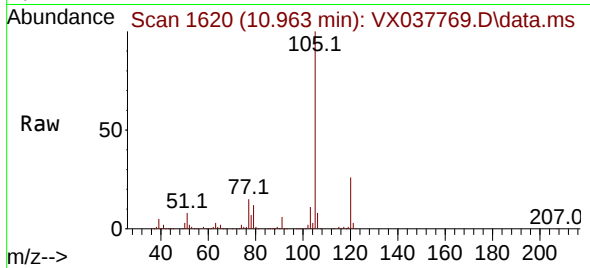
Tgt Ion:152 Resp: 224210
 Ion Ratio Lower Upper
 152 100
 115 69.4 43.3 129.9
 150 163.0 0.0 345.0





#73
Isopropylbenzene
Concen: 19.600 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

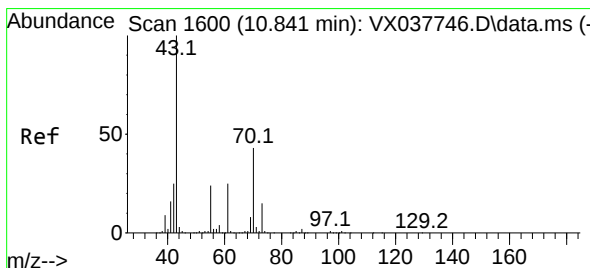
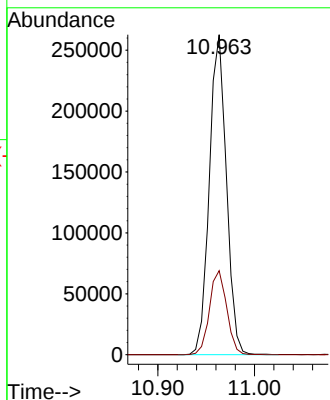
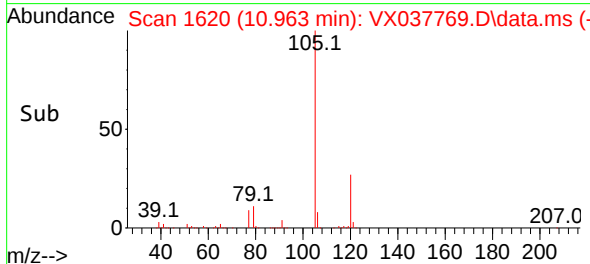
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion:105 Resp: 322400
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

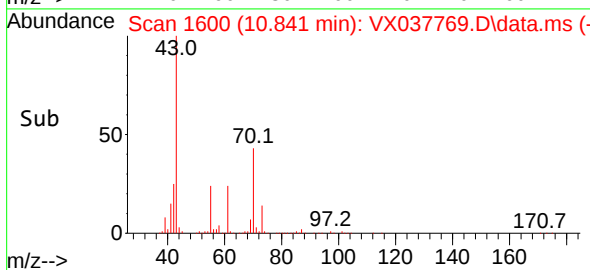
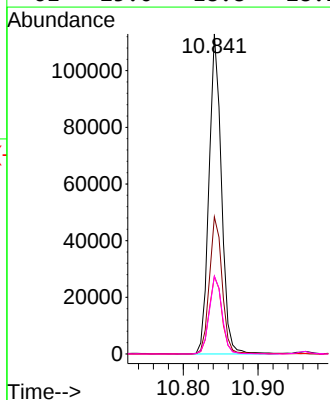
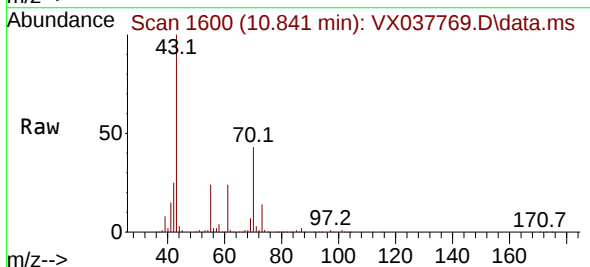
Manual Integrations
APPROVED

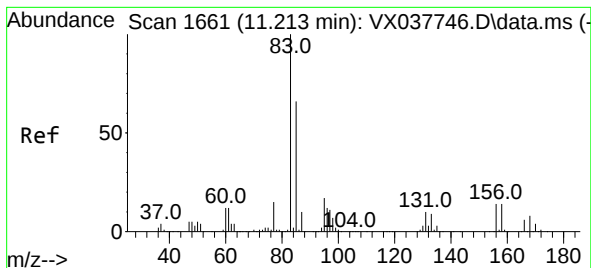
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#74
N-ethyl acetate
Concen: 19.590 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

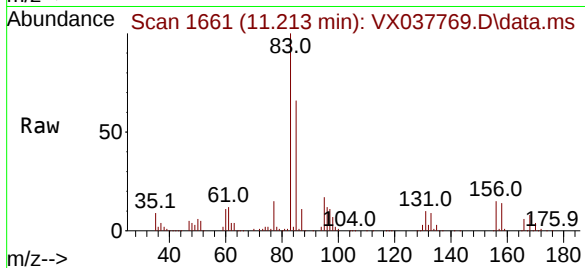
Tgt Ion: 43 Resp: 130506
Ion Ratio Lower Upper
43 100
70 43.8 32.9 49.3
55 25.1 19.3 28.9
61 25.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.913 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

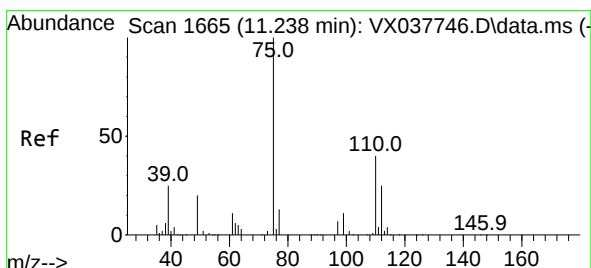
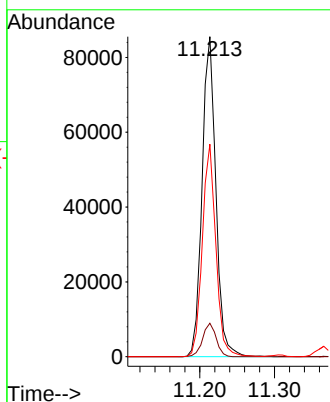
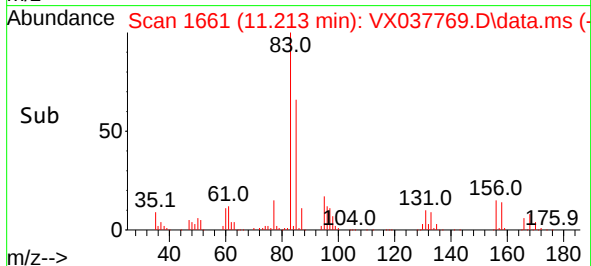
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



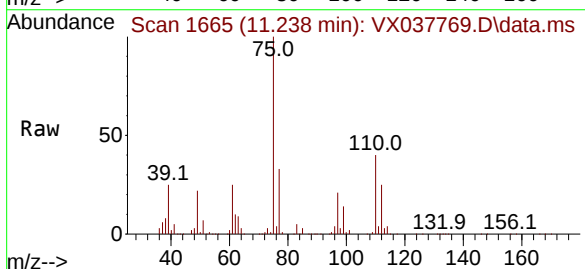
Tgt Ion: 83 Resp: 109414
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 65.3 32.0 96.2

Manual Integrations
APPROVED

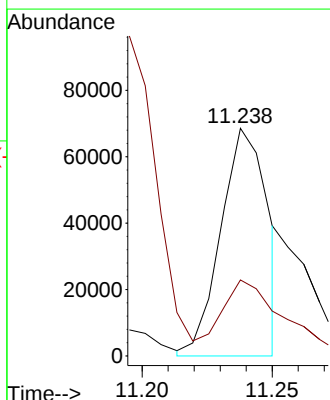
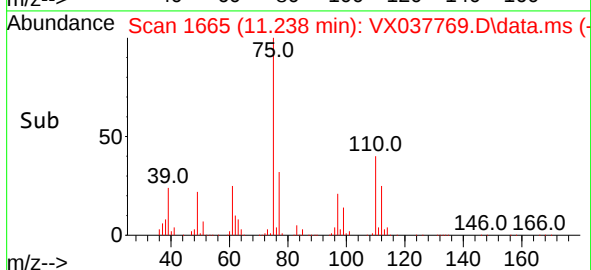
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

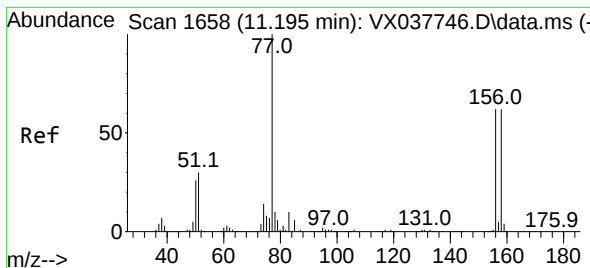


#76
1,2,3-Trichloropropane
Concen: 16.595 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09



Tgt Ion: 75 Resp: 86057
Ion Ratio Lower Upper
75 100
77 44.8 19.1 57.5





#77

Bromobenzene

Concen: 19.746 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

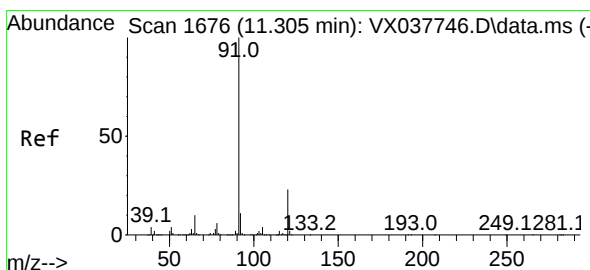
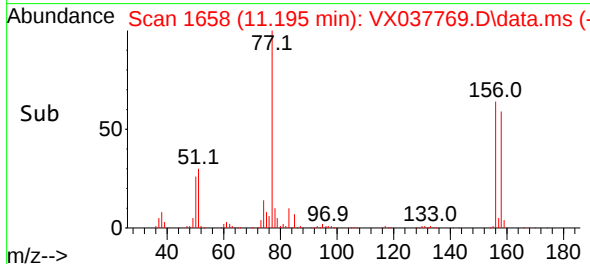
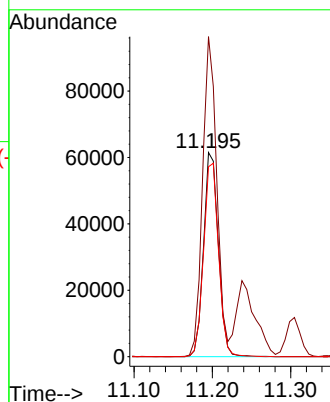
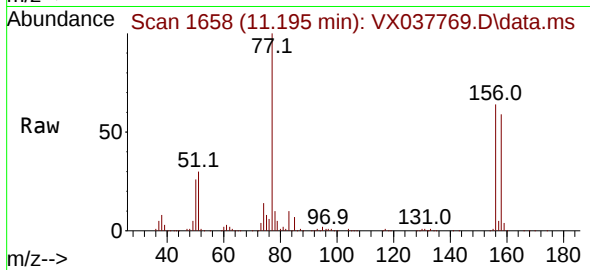
Tgt Ion:	156	Resp:	8039
Ion Ratio	Lower	Upper	
156	100		
77	150.4	88.4	265.3
158	96.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#78

n-propylbenzene

Concen: 20.090 ug/l

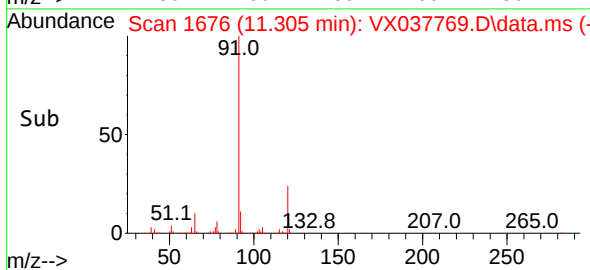
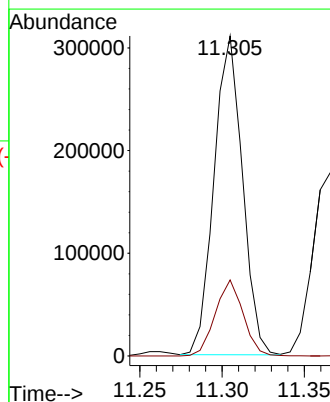
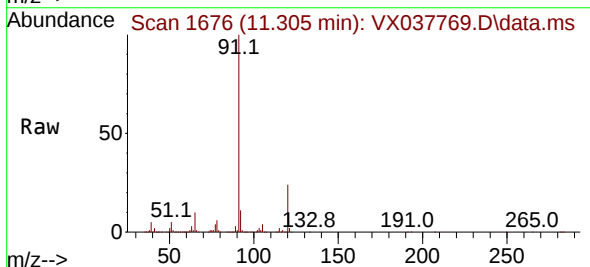
RT: 11.305 min Scan# 1676

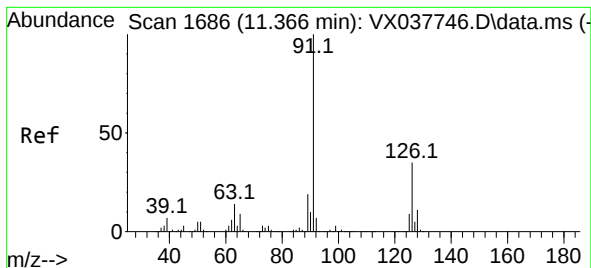
Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Tgt Ion:	91	Resp:	373210
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.596 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 91 Resp: 224459

Ion Ratio Lower Upper

91 100

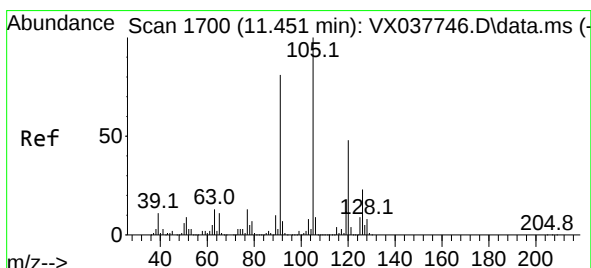
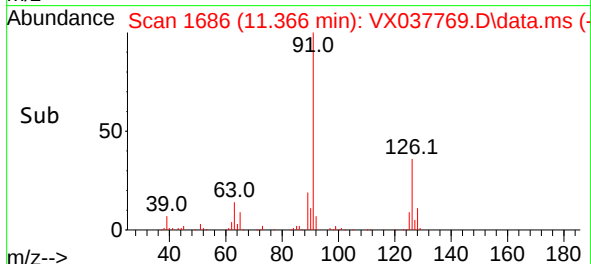
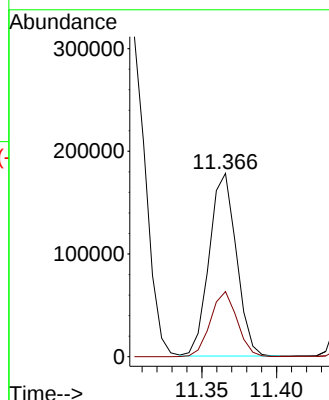
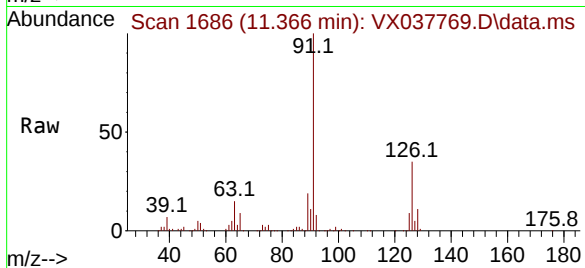
126 35.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.830 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037769.D

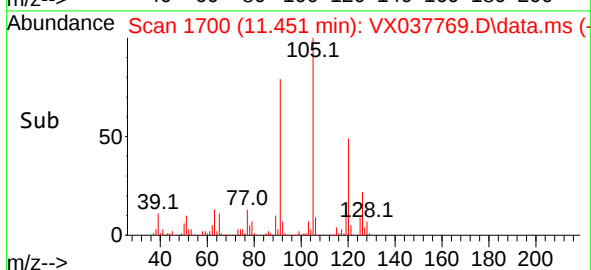
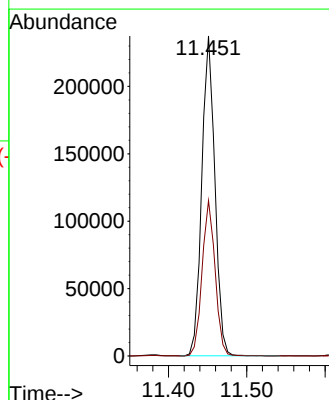
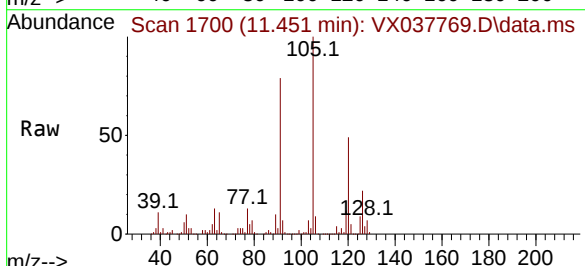
Acq: 18 Sep 2023 12:09

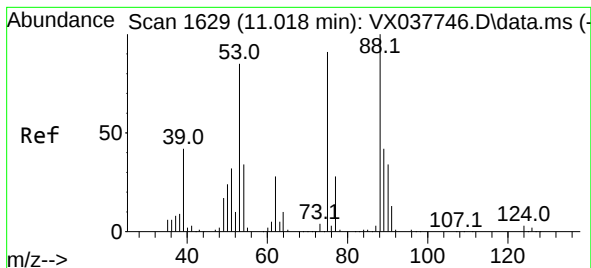
Tgt Ion:105 Resp: 275469

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3





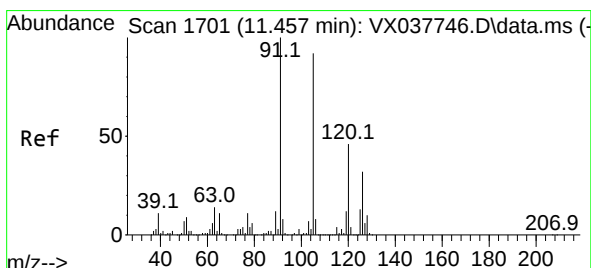
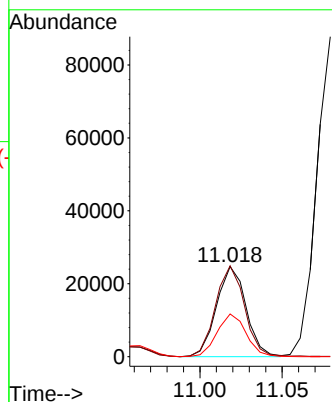
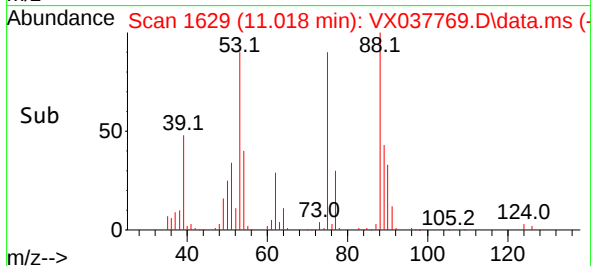
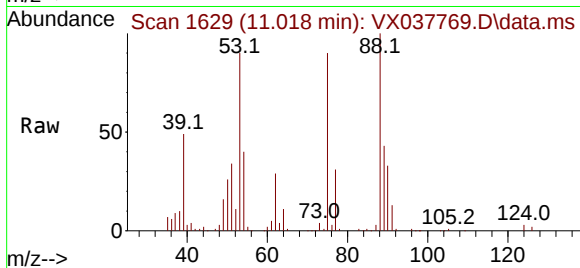
#81
trans-1,4-Dichloro-2-butene
Concen: 19.099 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tgt Ion: 75 Resp: 30918
Ion Ratio Lower Upper
75 100
53 99.5 90.5 135.7
89 46.6 36.9 55.3

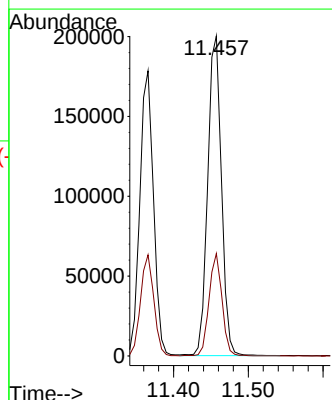
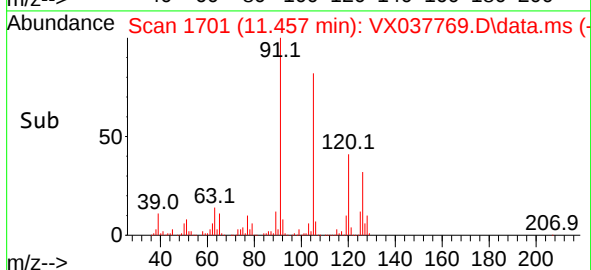
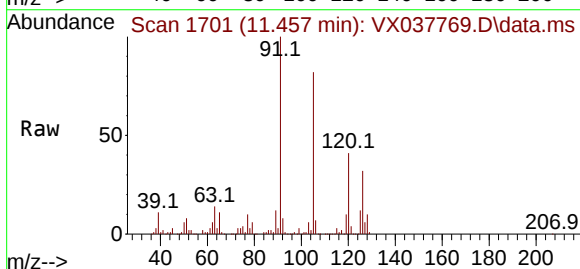
Manual Integrations
APPROVED

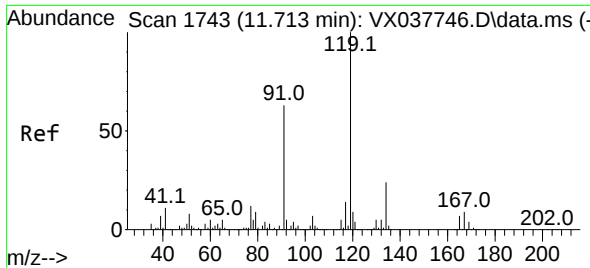
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#82
4-Chlorotoluene
Concen: 19.778 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

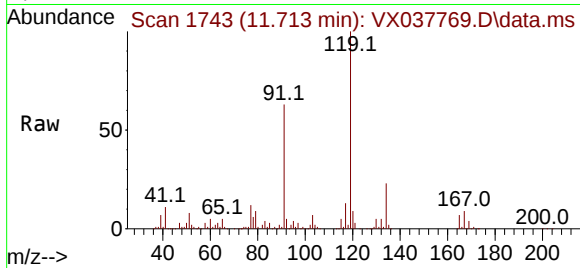
Tgt Ion: 91 Resp: 255049
Ion Ratio Lower Upper
91 100
126 30.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.072 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

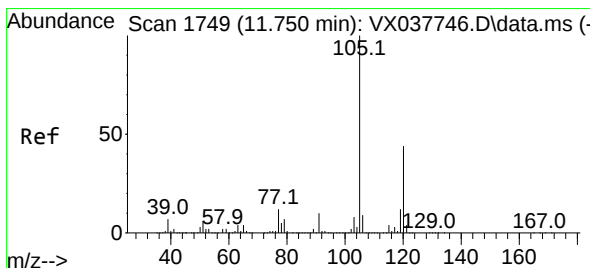
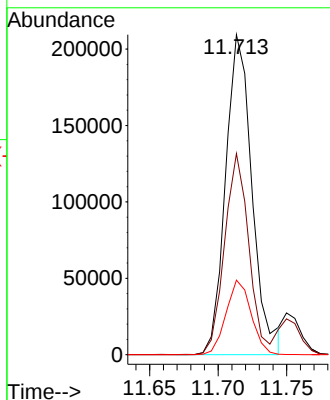
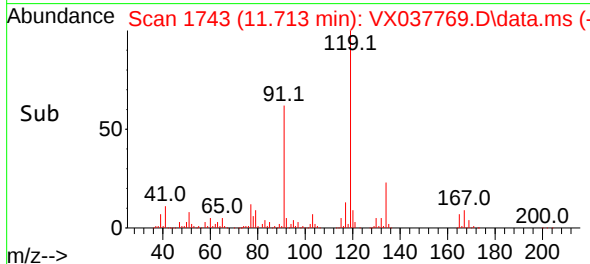
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion:119 Resp: 281790
Ion Ratio Lower Upper
119 100
91 57.5 31.2 93.6
134 22.1 11.7 35.0

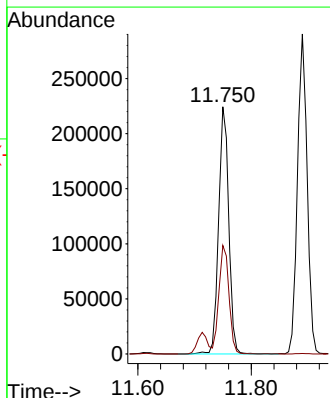
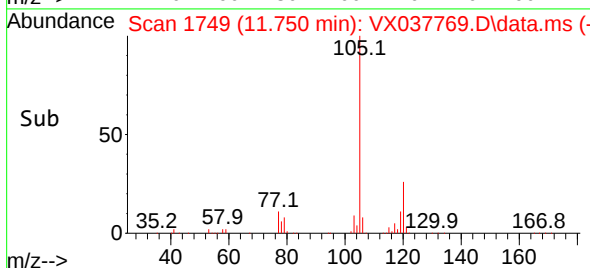
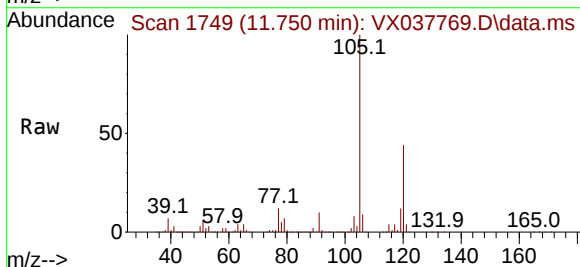
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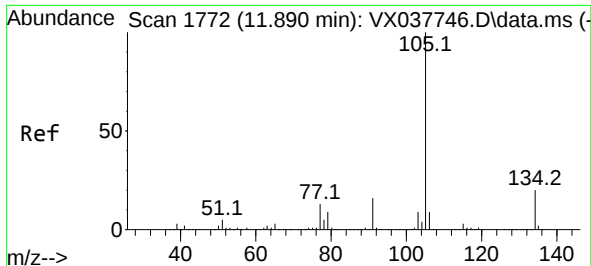
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.138 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

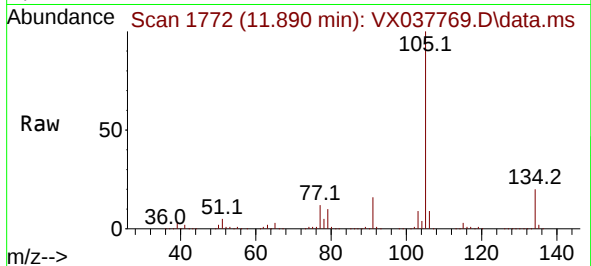
Tgt Ion:105 Resp: 278326
Ion Ratio Lower Upper
105 100
120 43.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.159 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037769.D
 Acq: 18 Sep 2023 12:09

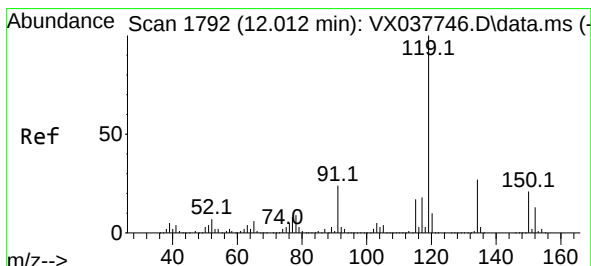
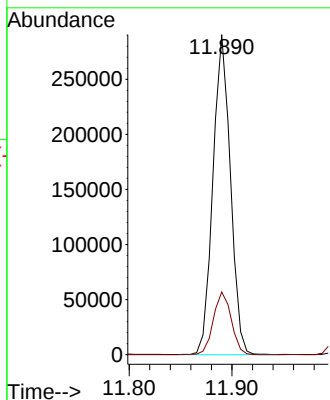
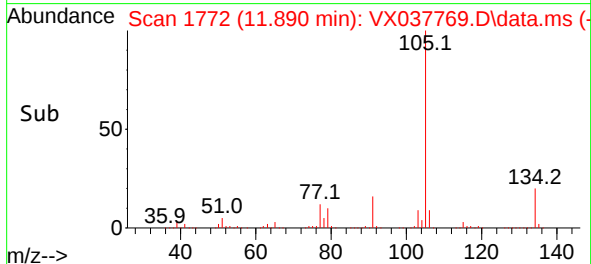
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01



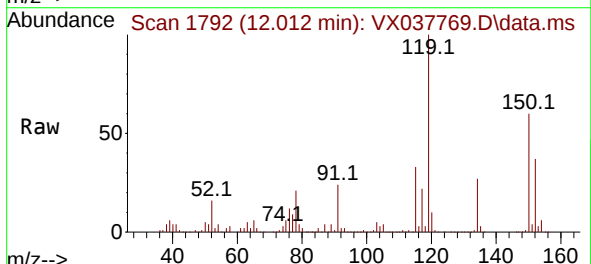
Tgt Ion:105 Resp: 343370
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
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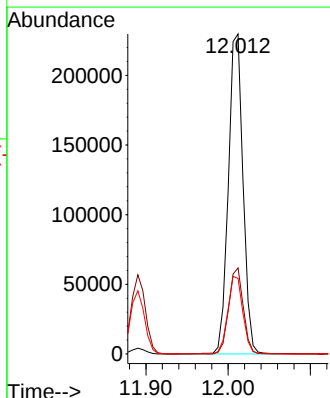
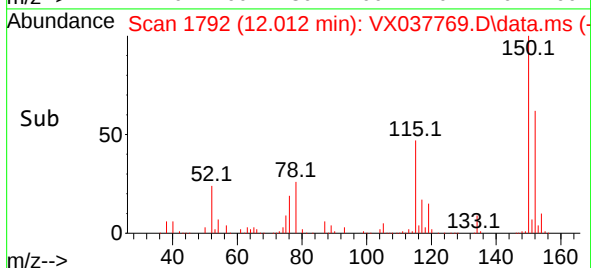
Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

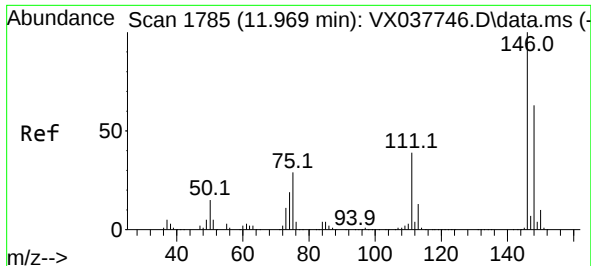


#86
 p-Isopropyltoluene
 Concen: 20.147 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037769.D
 Acq: 18 Sep 2023 12:09



Tgt Ion:119 Resp: 285905
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.003 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion:146 Resp: 151808

Ion Ratio Lower Upper

146 100

111 40.1 22.1 66.1

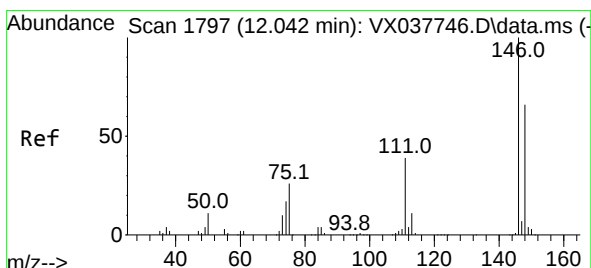
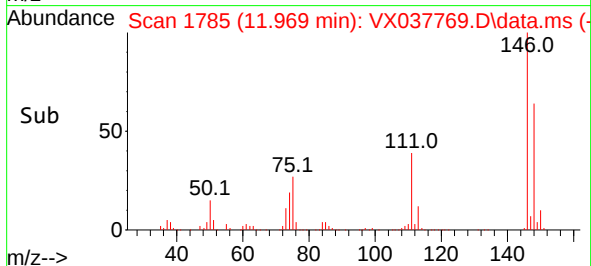
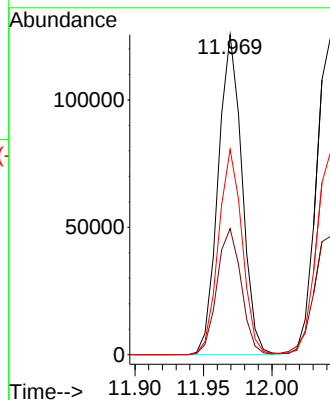
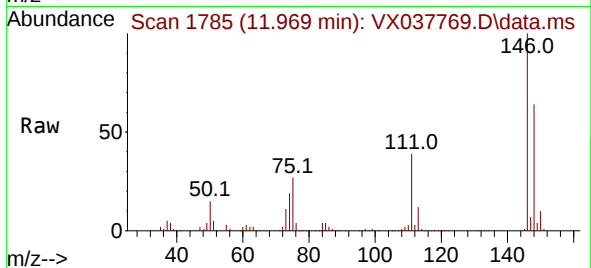
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#88

1,4-Dichlorobenzene

Concen: 19.770 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

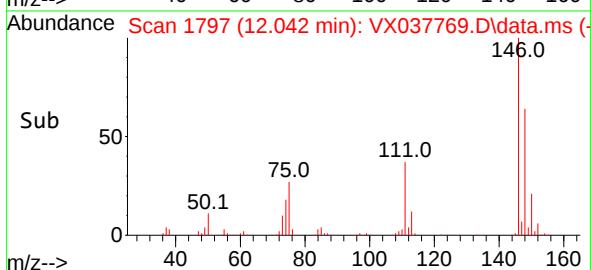
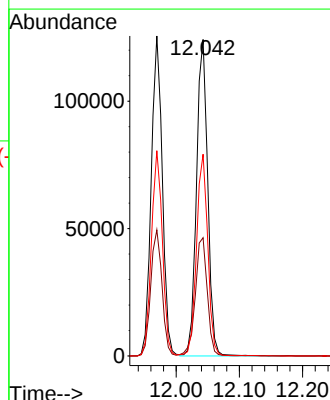
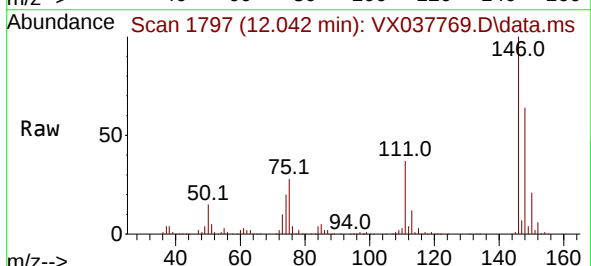
Tgt Ion:146 Resp: 153533

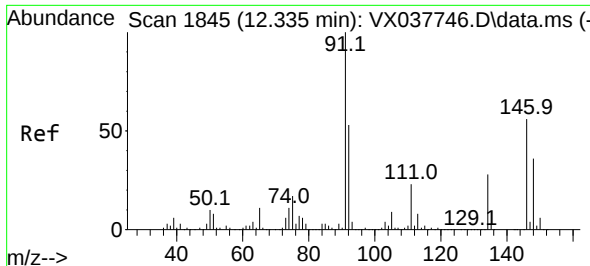
Ion Ratio Lower Upper

146 100

111 39.7 21.3 63.7

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 20.193 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037769.D

Acq: 18 Sep 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tgt Ion: 91 Resp: 251030

Ion Ratio Lower Upper

91 100

92 51.6 27.4 82.0

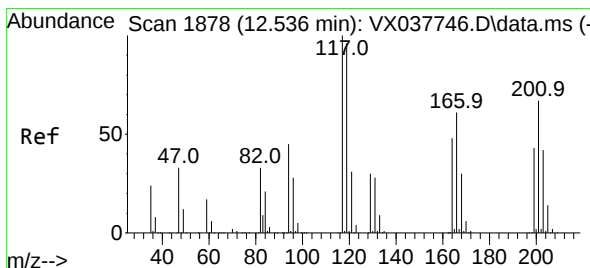
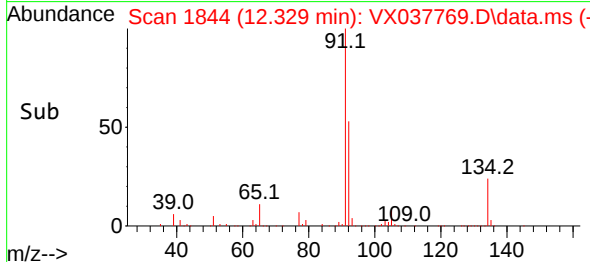
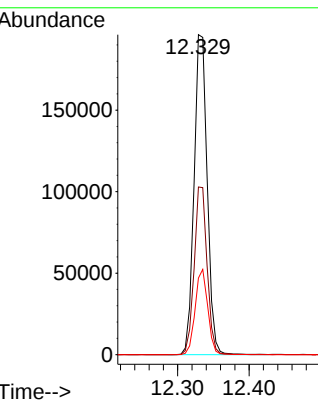
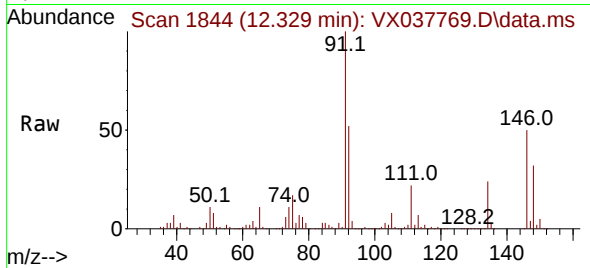
134 25.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#90

Hexachloroethane

Concen: 19.544 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037769.D

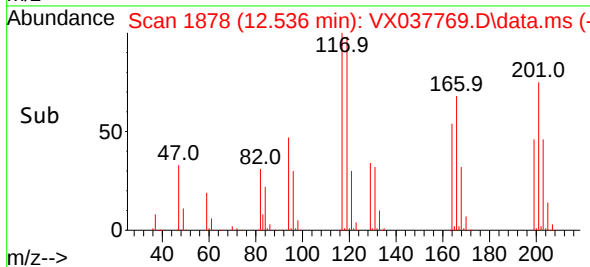
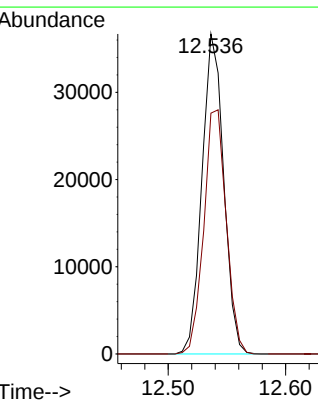
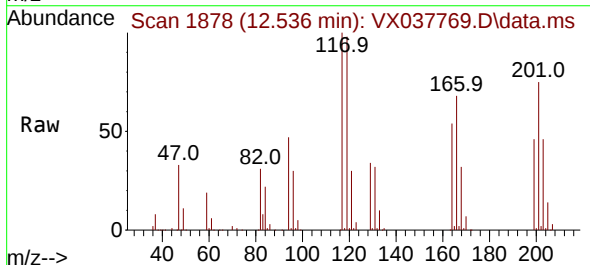
Acq: 18 Sep 2023 12:09

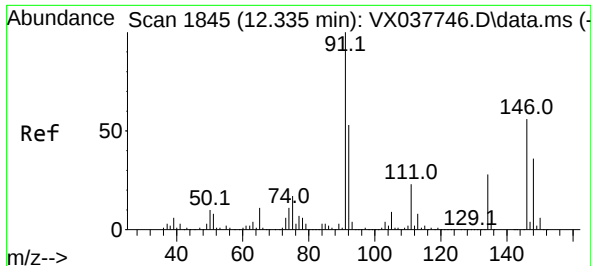
Tgt Ion:117 Resp: 46991

Ion Ratio Lower Upper

117 100

201 79.0 32.9 98.6





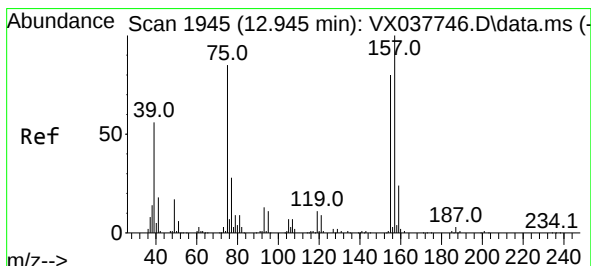
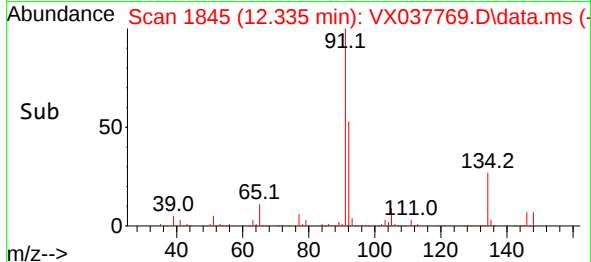
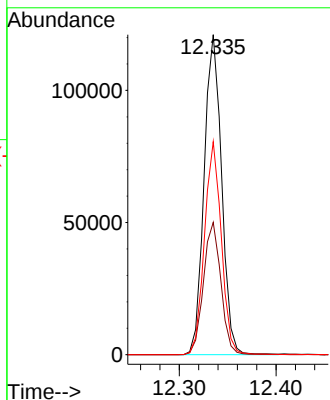
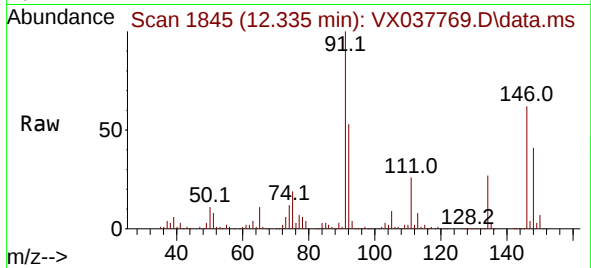
#91
1,2-Dichlorobenzene
Concen: 19.677 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tgt Ion:146 Resp: 152470
Ion Ratio Lower Upper
146 100
111 41.3 22.4 67.0
148 64.3 31.6 95.0

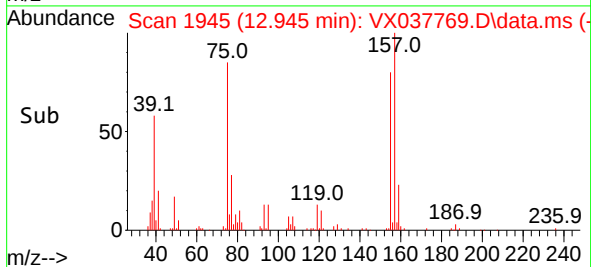
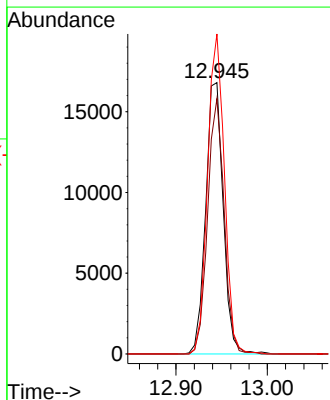
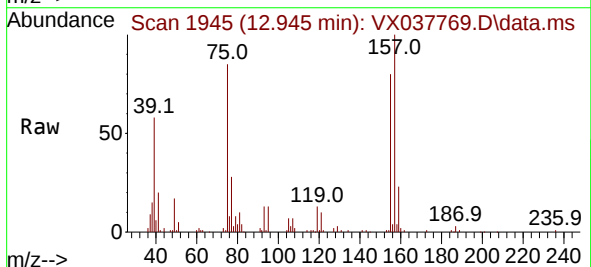
Manual Integrations
APPROVED

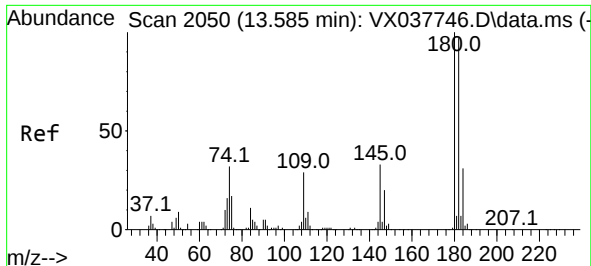
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.430 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion: 75 Resp: 22406
Ion Ratio Lower Upper
75 100
155 88.4 36.1 108.5
157 112.9 44.9 134.7





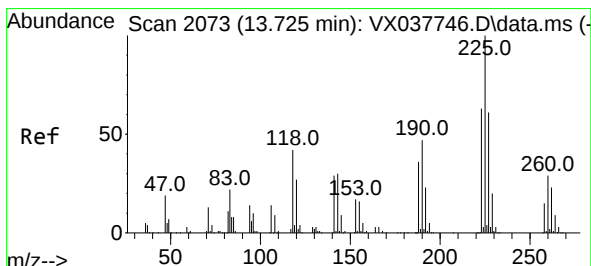
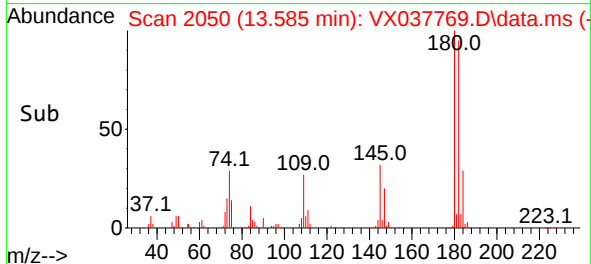
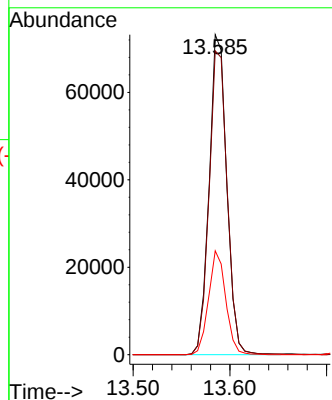
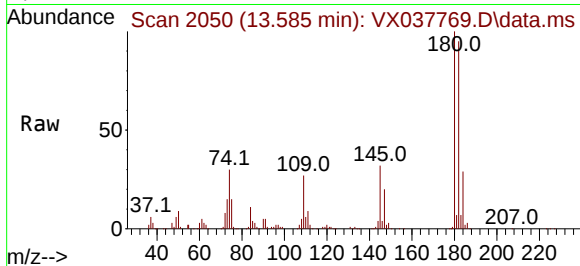
#93
1,2,4-Trichlorobenzene
Concen: 20.361 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tgt Ion:180 Resp: 92935
Ion Ratio Lower Upper
180 100
182 97.6 48.3 144.8
145 31.6 18.0 54.0

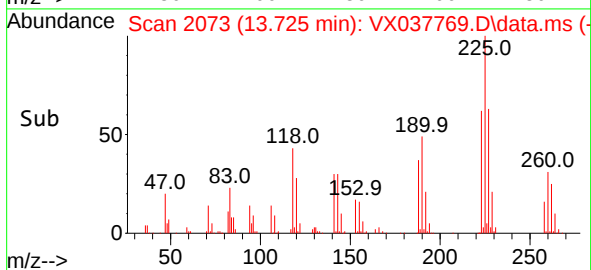
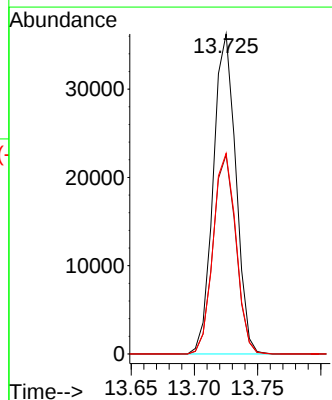
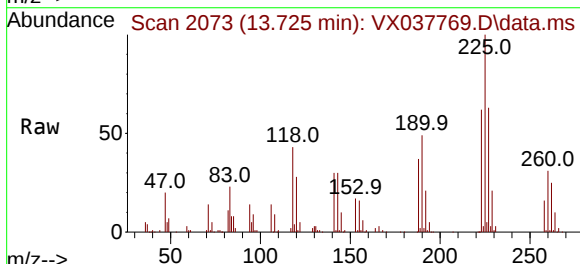
Manual Integrations
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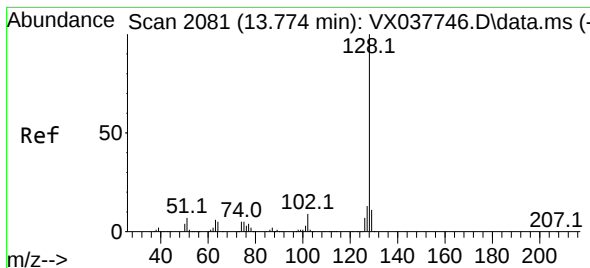
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#94
Hexachlorobutadiene
Concen: 21.093 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

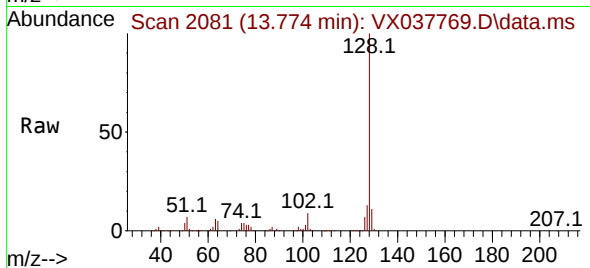
Tgt Ion:225 Resp: 44959
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.2
227 63.6 32.5 97.5





#95
Naphthalene
Concen: 20.124 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

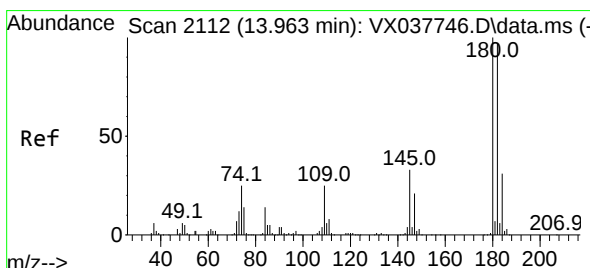
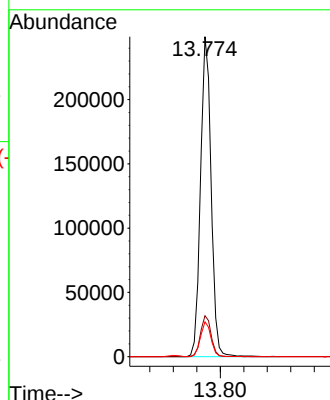
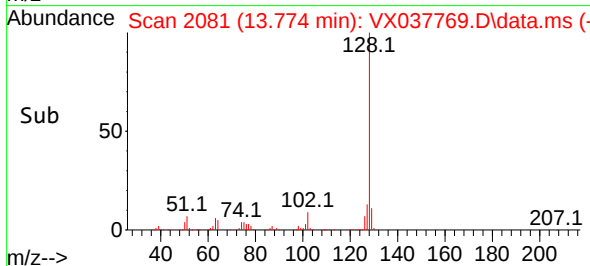
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01



Tgt Ion:128 Resp: 310652
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
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Supervised By :Semsettin Yesilyurt 09/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.064 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037769.D
Acq: 18 Sep 2023 12:09

Tgt Ion:180 Resp: 94241
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 33.0 17.8 53.5

