

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038043.D
 Acq On : 03 Oct 2023 16:56
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 04 08:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43791	20.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.160%#		
35) Dibromofluoromethane	5.385	113	32895	20.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.140%#		
50) Toluene-d8	8.647	98	125389	20.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.980%#		
62) 4-Bromofluorobenzene	11.079	95	43744	19.638	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25872	18.987	ug/l	99
3) Chloromethane	1.301	50	30324	16.904	ug/l	99
4) Vinyl Chloride	1.374	62	29501	18.221	ug/l	98
5) Bromomethane	1.593	94	45553	21.398	ug/l	99
6) Chloroethane	1.660	64	18940	15.583	ug/l	97
7) Trichlorofluoromethane	1.868	101	70430	22.054	ug/l	98
8) Diethyl Ether	2.136	74	25323	21.683	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	28147	20.243	ug/l	96
10) Methyl Iodide	2.447	142	29804	20.782	ug/l	94
11) Tert butyl alcohol	3.002	59	44132m	92.337	ug/l	
12) 1,1-Dichloroethene	2.307	96	26398	20.388	ug/l	90
13) Acrolein	2.239	56	30985	113.328	ug/l	98
14) Allyl chloride	2.660	41	47492	20.697	ug/l	95
15) Acrylonitrile	3.069	53	102073	102.753	ug/l	98
16) Acetone	2.392	43	96647	103.429	ug/l	90
17) Carbon Disulfide	2.502	76	69250	18.910	ug/l	99
18) Methyl Acetate	2.709	43	85357	21.248	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	105363	21.071	ug/l	99
20) Methylene Chloride	2.782	84	34146	19.845	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	32732	21.041	ug/l	92
22) Diisopropyl ether	3.764	45	101299	21.126	ug/l	91
23) Vinyl Acetate	3.721	43	370888	107.514	ug/l	98
24) 1,1-Dichloroethane	3.605	63	59374	20.400	ug/l	99
25) 2-Butanone	4.568	43	154061	104.574	ug/l	97
26) 2,2-Dichloropropane	4.471	77	48406	21.176	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	38449	21.198	ug/l	94
28) Bromochloromethane	4.904	49	28004	20.450	ug/l	94
29) Tetrahydrofuran	5.013	42	98269	103.426	ug/l	90
30) Chloroform	5.099	83	66226	20.889	ug/l	99
31) Cyclohexane	5.465	56	50909	20.461	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	55066	20.881	ug/l	99
36) 1,1-Dichloropropene	5.690	75	47538	20.170	ug/l	99
37) Ethyl Acetate	4.721	43	58468	22.088	ug/l	99
38) Carbon Tetrachloride	5.672	117	45682	19.918	ug/l	96
39) Methylcyclohexane	7.379	83	58772	21.098	ug/l	96
40) Benzene	6.038	78	137996	20.755	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28137	21.230	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	54525	20.912	ug/l	100
43) Isopropyl Acetate	6.348	43	86253	21.032	ug/l	99
44) Trichloroethene	7.129	130	35961	20.042	ug/l	96
45) 1,2-Dichloropropane	7.434	63	35543	20.999	ug/l	99
46) Dibromomethane	7.580	93	26584	20.281	ug/l	97
47) Bromodichloromethane	7.824	83	46183	20.238	ug/l	97
48) Methyl methacrylate	7.696	41	39813	20.192	ug/l	87
49) 1,4-Dioxane	7.665	88	18650	421.955	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	296412	104.032	ug/l	99
52) Toluene	8.720	92	87543	20.343	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	49388	20.546	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	53638	20.970	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	36171	20.699	ug/l	95
56) Ethyl methacrylate	9.116	69	54654	20.809	ug/l	94
57) 1,3-Dichloropropane	9.311	76	60030	20.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	142193	105.929	ug/l	98
59) 2-Hexanone	9.433	43	239845	105.228	ug/l	98
60) Dibromochloromethane	9.525	129	33368	19.842	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38669	20.410	ug/l	99
64) Tetrachloroethene	9.275	164	29659	20.725	ug/l	94
65) Chlorobenzene	10.080	112	92119	20.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31586	20.980	ug/l	98
67) Ethyl Benzene	10.195	91	169783	20.905	ug/l	99
68) m/p-Xylenes	10.305	106	130598	41.988	ug/l	98
69) o-Xylene	10.640	106	61680	20.882	ug/l	98
70) Styrene	10.659	104	102803	21.072	ug/l	97
71) Bromoform	10.805	173	23072	20.159	ug/l #	99
73) Isopropylbenzene	10.964	105	164315	21.068	ug/l	98
74) N-amyl acetate	10.842	43	76147	21.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	61048	20.912	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55904m	19.843	ug/l	
77) Bromobenzene	11.201	156	38824	20.304	ug/l	93
78) n-propylbenzene	11.305	91	201857	21.063	ug/l	98
79) 2-Chlorotoluene	11.366	91	113707	20.433	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	140873	21.222	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15872	20.135	ug/l	98
82) 4-Chlorotoluene	11.457	91	137334	20.476	ug/l	99
83) tert-Butylbenzene	11.713	119	140365	21.271	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	140135	20.932	ug/l	99
85) sec-Butylbenzene	11.890	105	181117	21.163	ug/l	99
86) p-Isopropyltoluene	12.012	119	148525	21.192	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75868	19.787	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	80677	20.472	ug/l	99
89) n-Butylbenzene	12.335	91	147007	21.017	ug/l	95
90) Hexachloroethane	12.536	117	22954	20.095	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	75626	20.726	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14627	22.017	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	49966	19.741	ug/l	98
94) Hexachlorobutadiene	13.725	225	21309	19.730	ug/l	98
95) Naphthalene	13.774	128	178677	20.942	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48713	19.901	ug/l	95

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

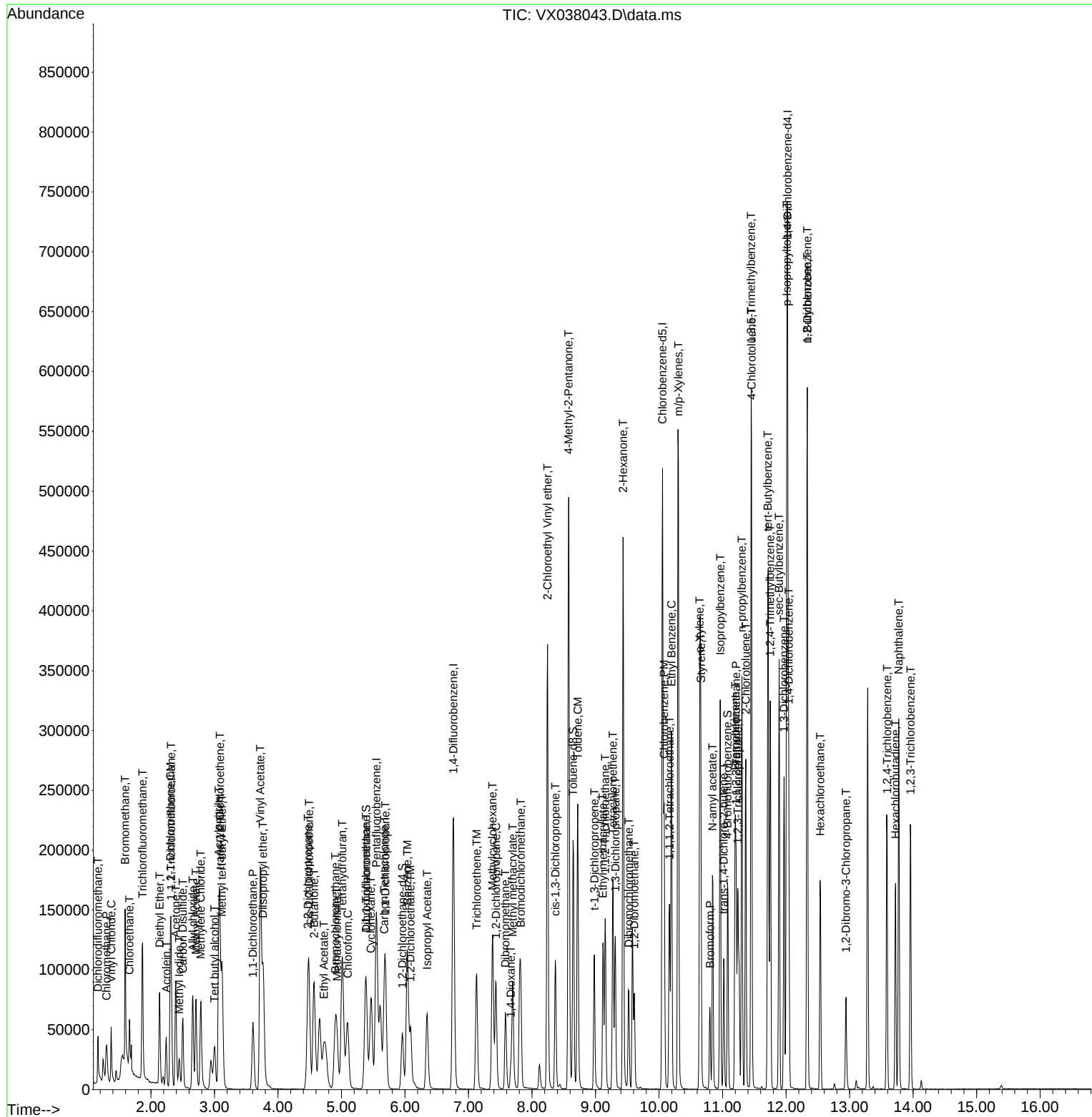
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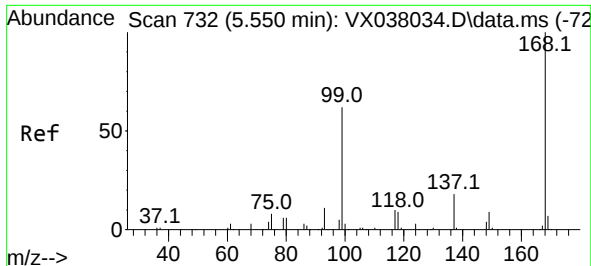
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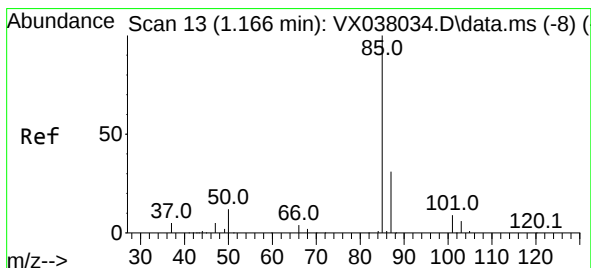
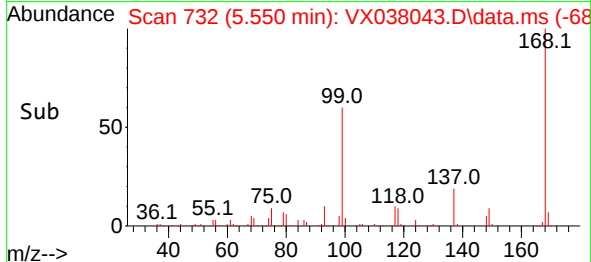
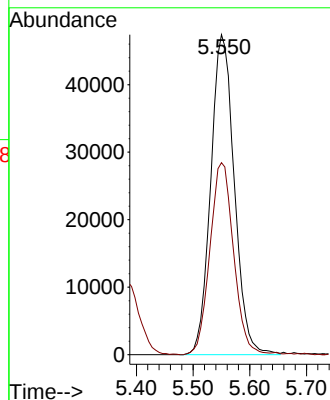
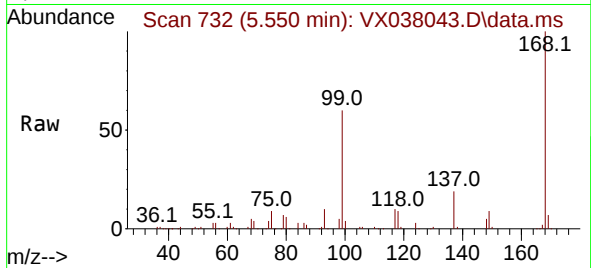
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 13674
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0

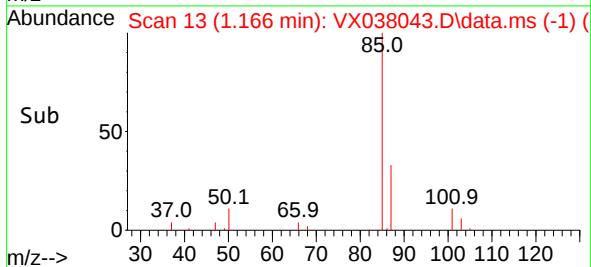
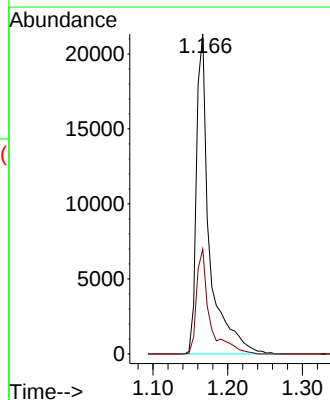
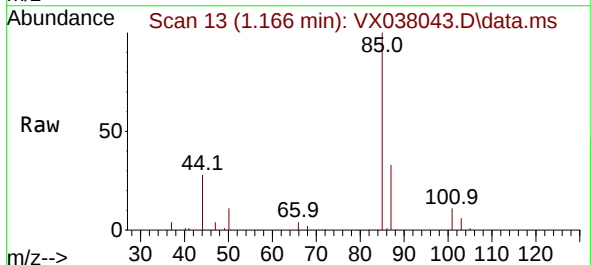
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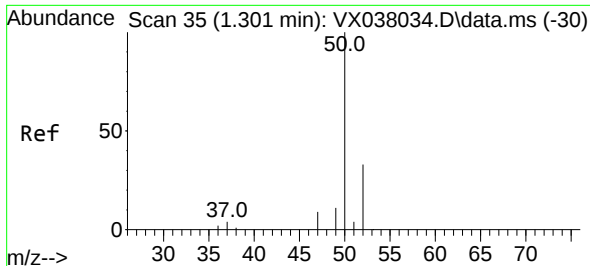
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#2
Dichlorodifluoromethane
Concen: 18.987 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 85 Resp: 25872
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





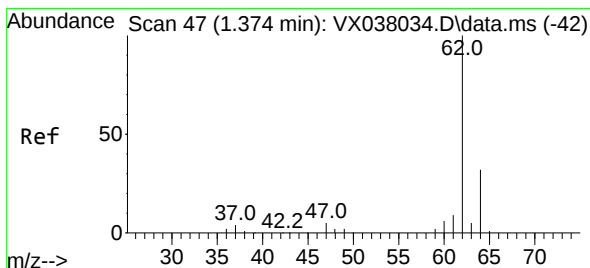
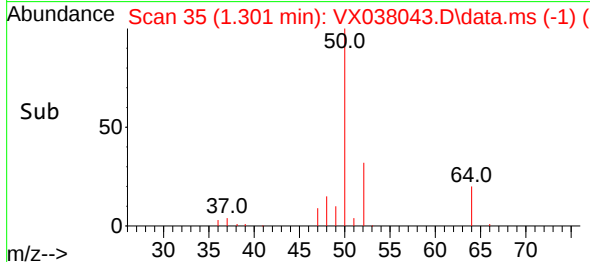
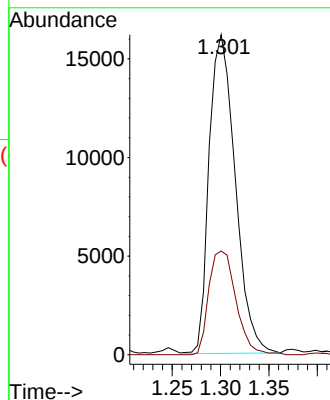
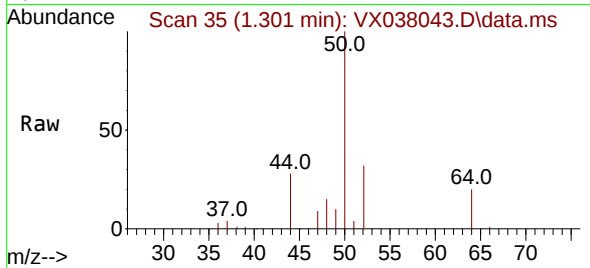
#3
Chloromethane
Concen: 16.904 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038043.D
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Tgt Ion: 50 Resp: 30324
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

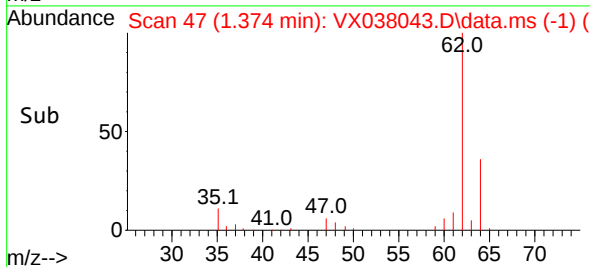
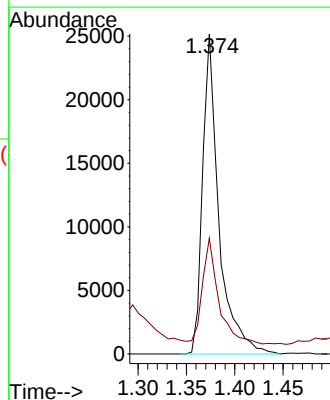
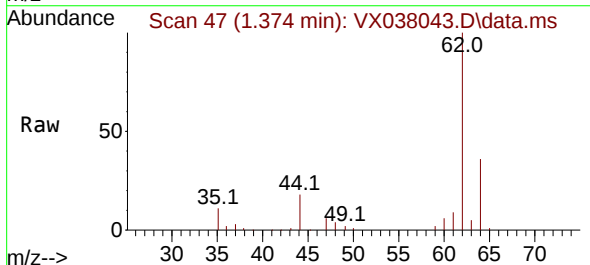
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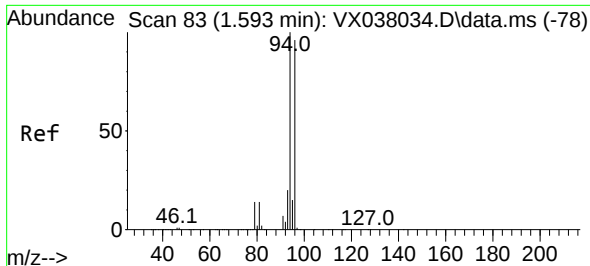
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#4
Vinyl Chloride
Concen: 18.221 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

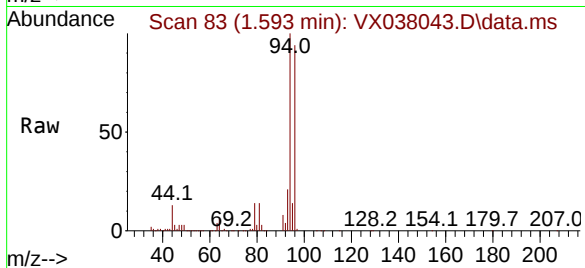
Tgt Ion: 62 Resp: 29501
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 21.398 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

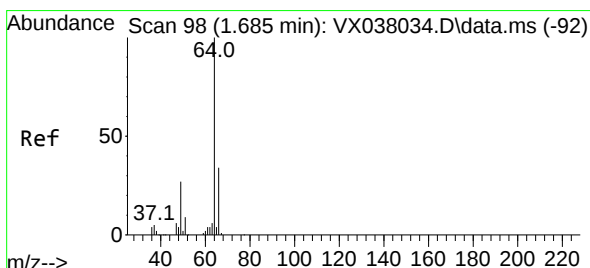
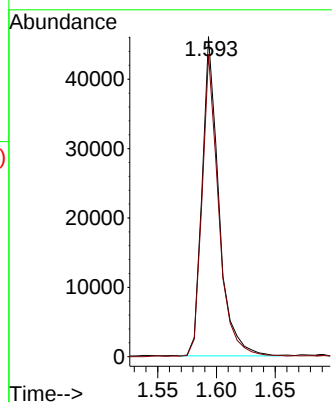
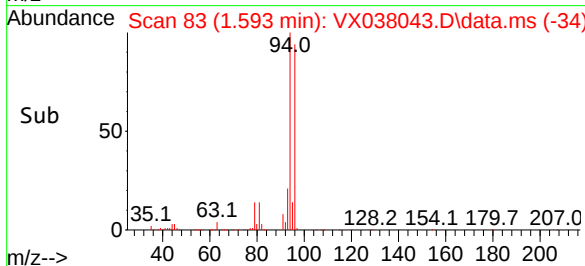
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Tgt Ion: 94 Resp: 4555
Ion Ratio Lower Upper
94 100
96 94.5 74.6 111.8

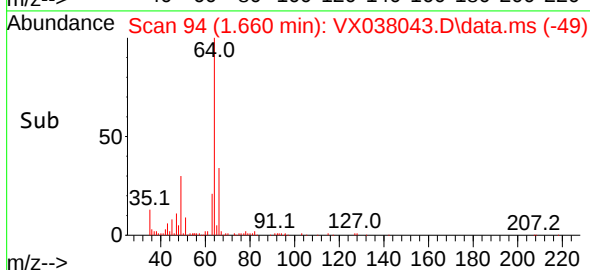
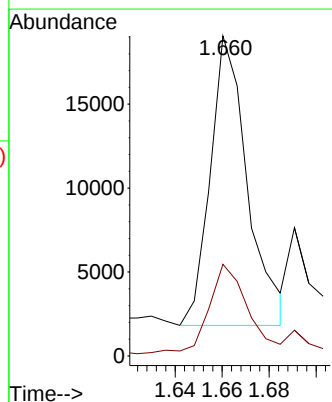
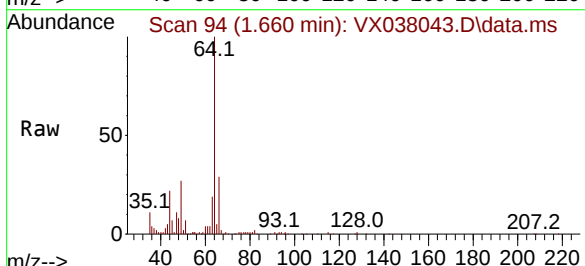
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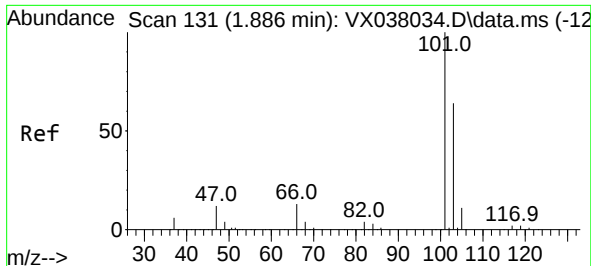
Reviewed By :John Carlone 10/04/2023
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#6
Chloroethane
Concen: 15.583 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX038043.D
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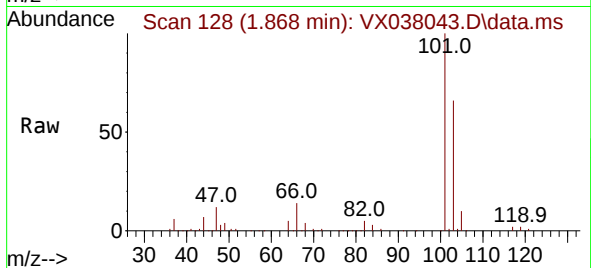
Tgt Ion: 64 Resp: 18940
Ion Ratio Lower Upper
64 100
66 29.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 22.054 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

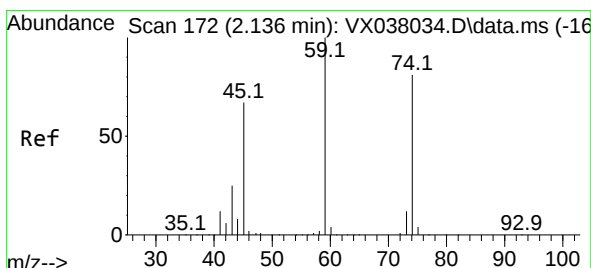
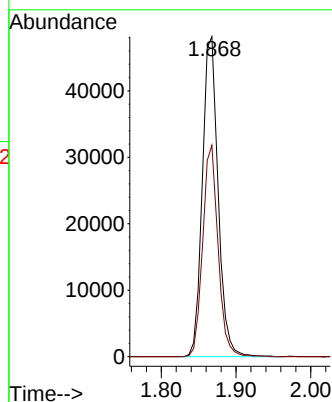
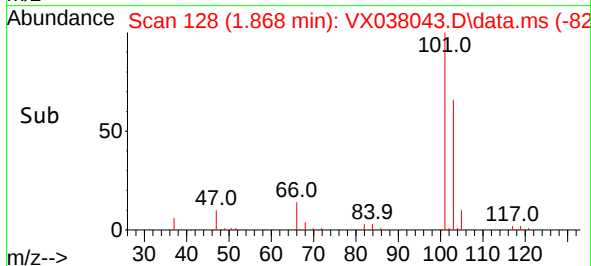
Instrument :
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Tgt Ion:101 Resp: 70430
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2

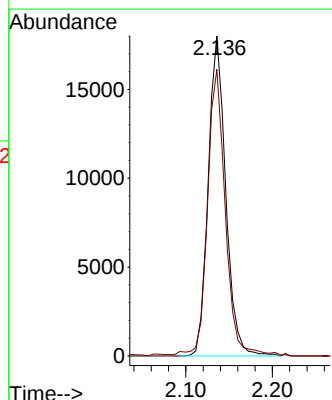
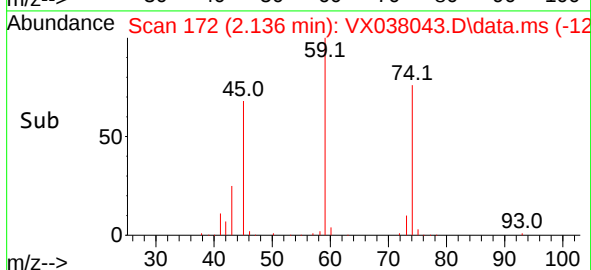
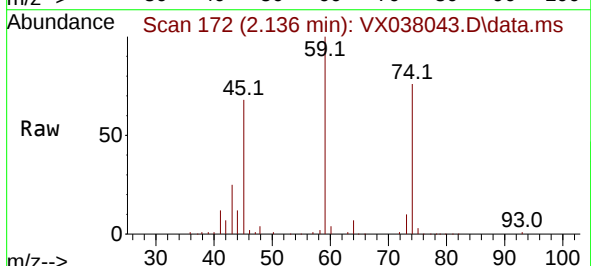
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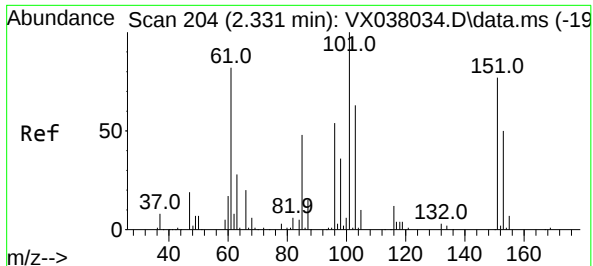
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#8
Diethyl Ether
Concen: 21.683 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 74 Resp: 25323
Ion Ratio Lower Upper
74 100
45 91.1 53.3 159.8





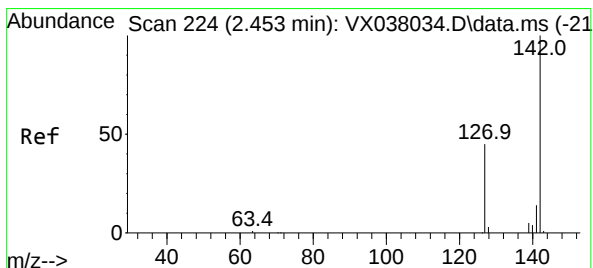
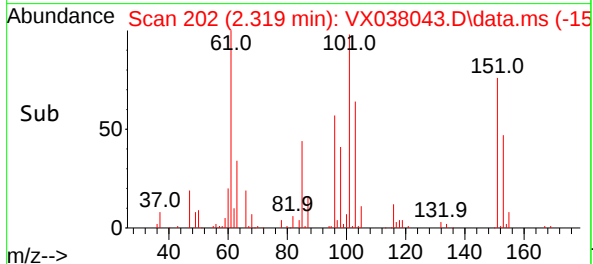
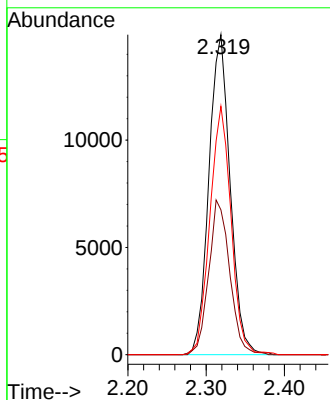
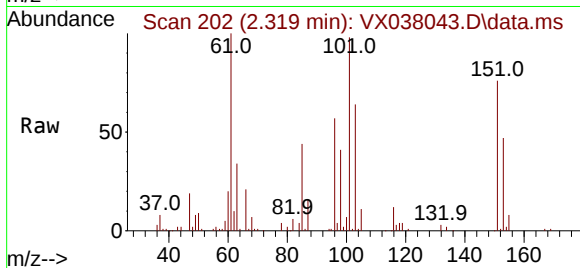
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.243 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2814
Ion Ratio Lower Upper
101 100
85 47.6 37.0 55.6
151 77.5 58.6 87.8

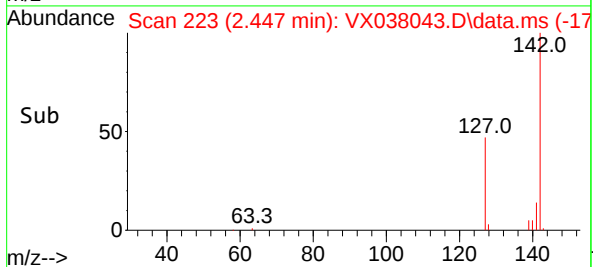
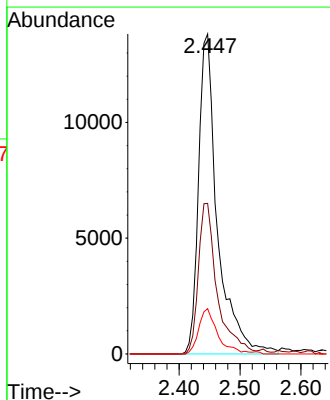
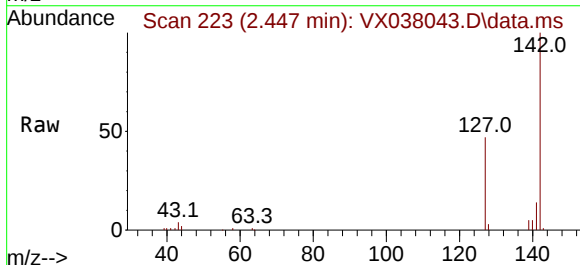
Manual Integrations
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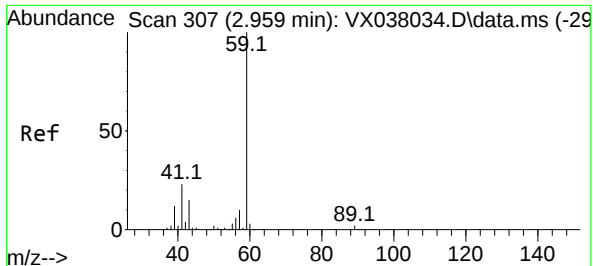
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#10
Methyl Iodide
Concen: 20.782 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion:142 Resp: 29804
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 92.337 ug/l m

RT: 3.002 min Scan# 314

Delta R.T. 0.043 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 4413

Ion Ratio Lower Upper

59 100

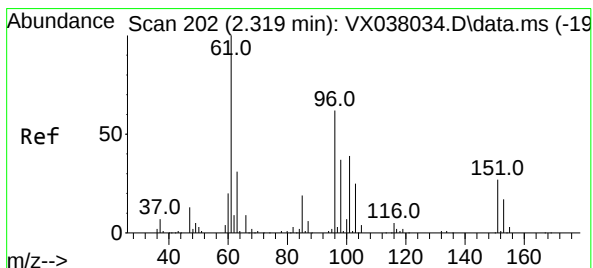
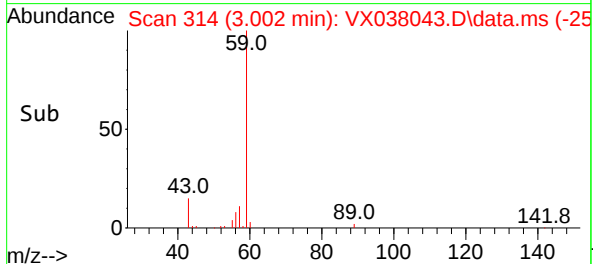
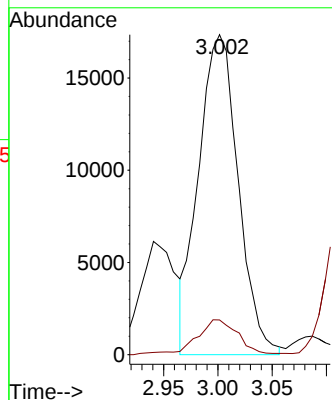
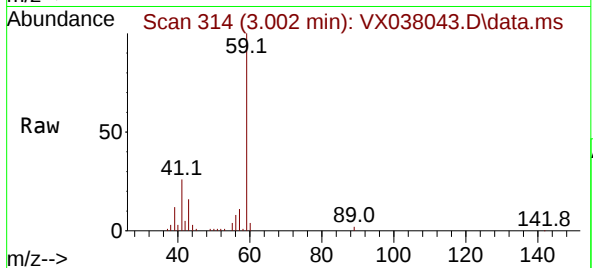
57 0.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#12

1,1-Dichloroethene

Concen: 20.388 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

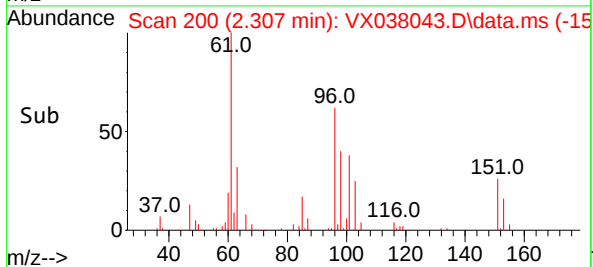
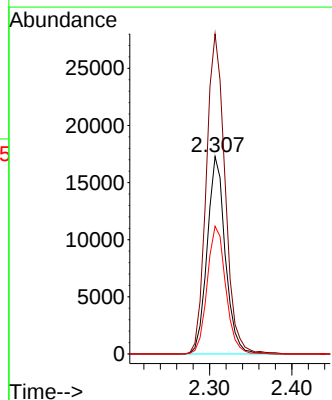
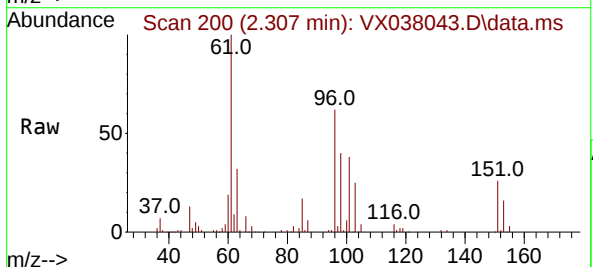
Tgt Ion: 96 Resp: 26398

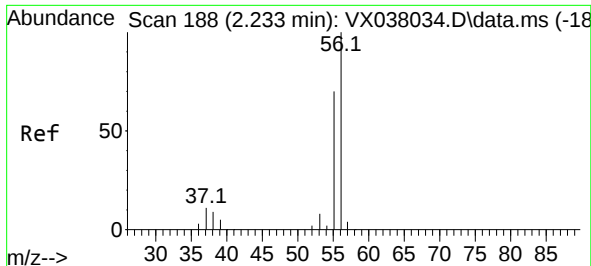
Ion Ratio Lower Upper

96 100

61 162.1 144.6 216.8

98 64.7 50.4 75.6





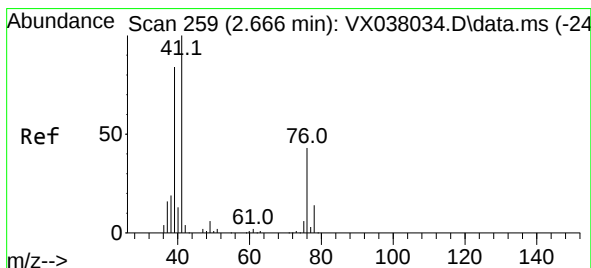
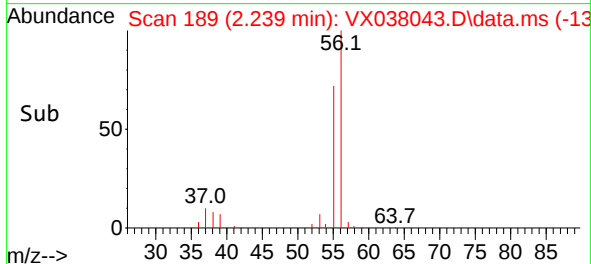
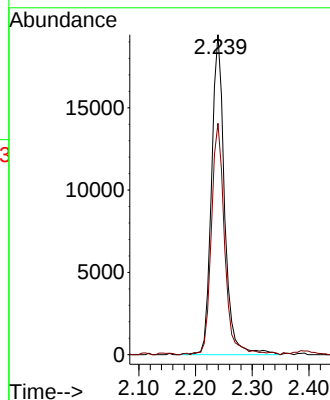
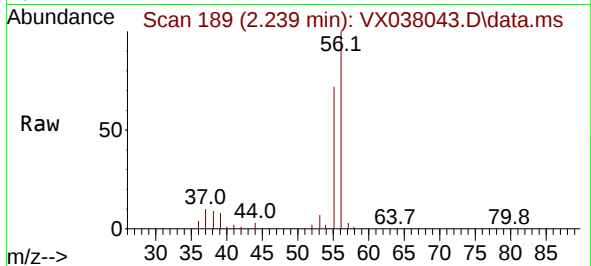
#13
Acrolein
Concen: 113.328 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 3098
Ion Ratio Lower Upper
56 100
55 73.4 57.1 85.7

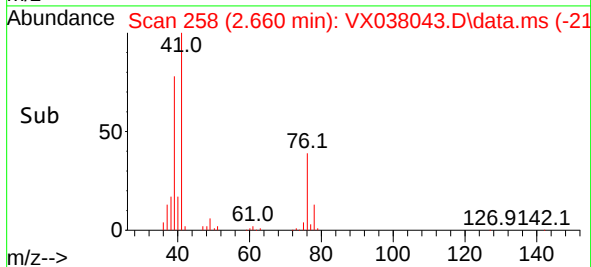
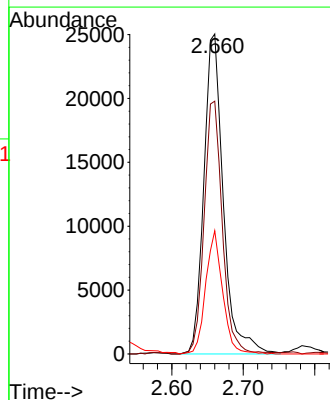
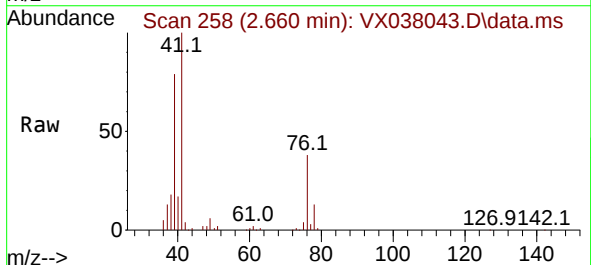
Manual Integrations
APPROVED

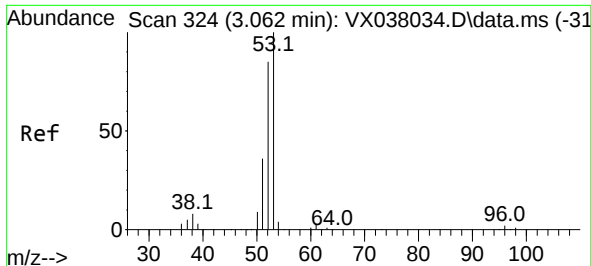
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#14
Allyl chloride
Concen: 20.697 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 41 Resp: 47492
Ion Ratio Lower Upper
41 100
39 73.7 55.8 83.6
76 33.4 24.3 36.5





#15

Acrylonitrile

Concen: 102.753 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.007 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

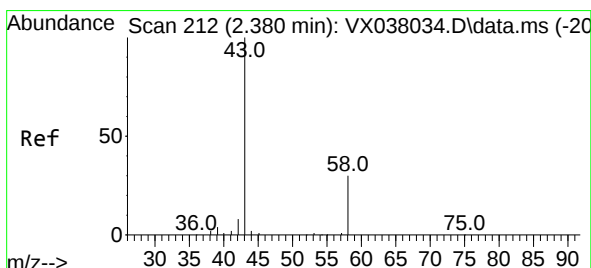
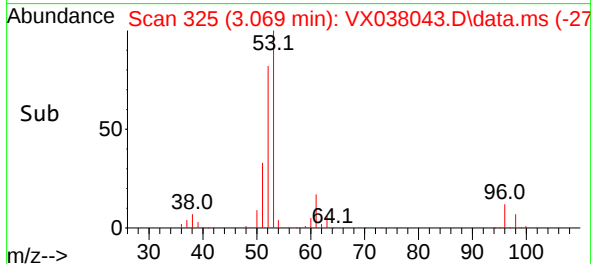
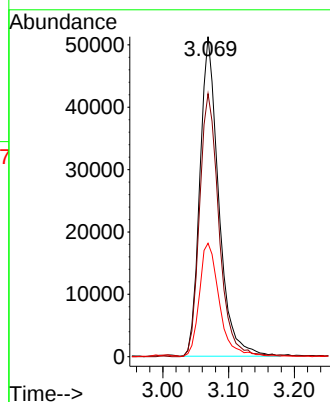
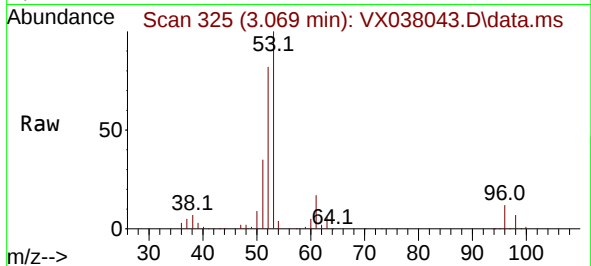
Tgt Ion: 53	Resp: 10207
Ion Ratio	Lower Upper
53 100	
52 84.7	66.0 99.0
51 38.0	29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#16

Acetone

Concen: 103.429 ug/l

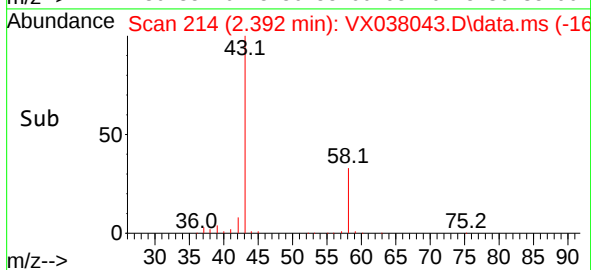
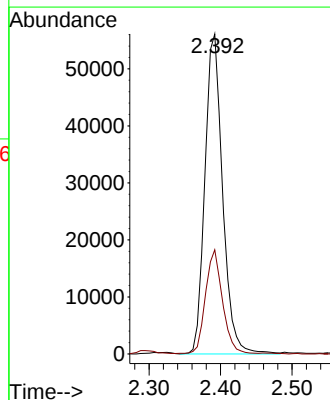
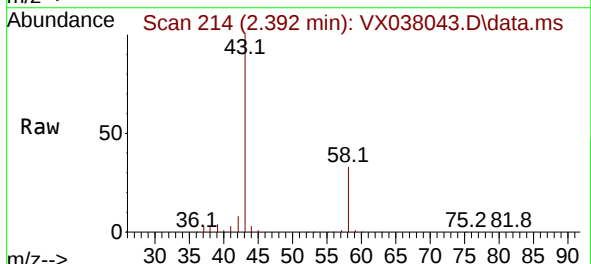
RT: 2.392 min Scan# 214

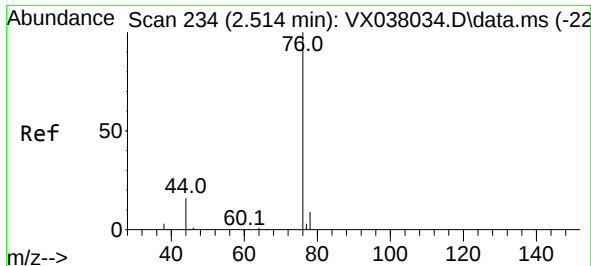
Delta R.T. 0.012 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Tgt Ion: 43	Resp: 96647
Ion Ratio	Lower Upper
43 100	
58 32.4	21.9 32.9





#17

Carbon Disulfide

Concen: 18.910 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 69250

Ion Ratio Lower Upper

76 100

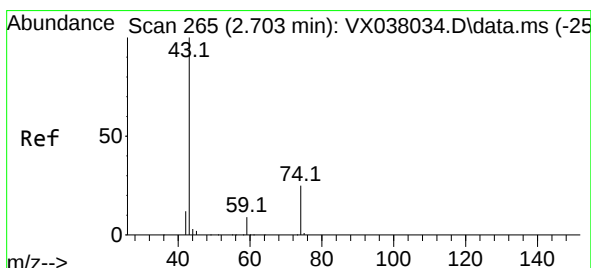
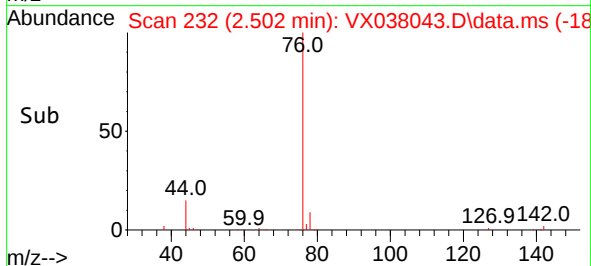
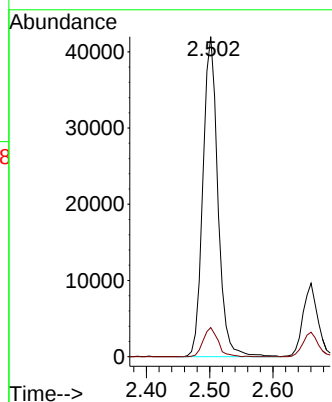
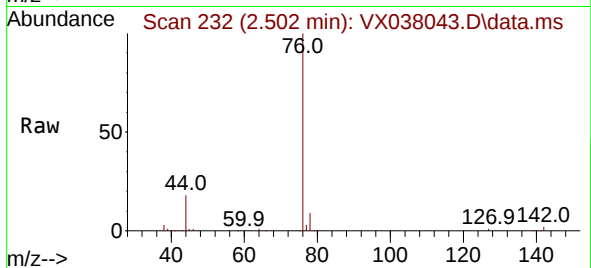
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#18

Methyl Acetate

Concen: 21.248 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX038043.D

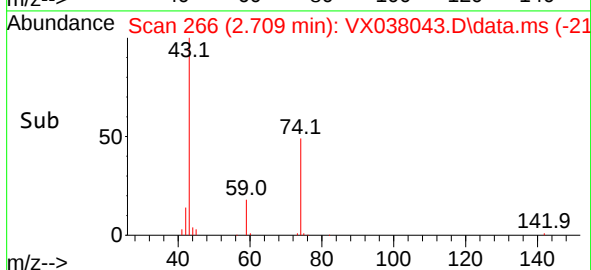
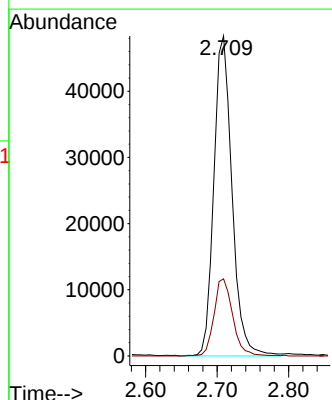
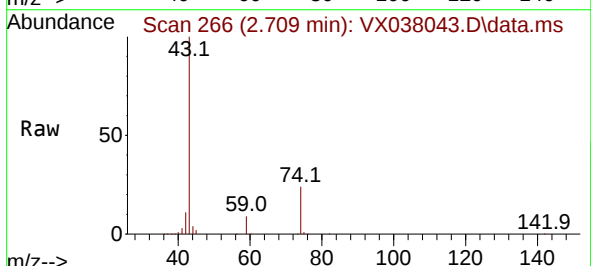
Acq: 03 Oct 2023 16:56

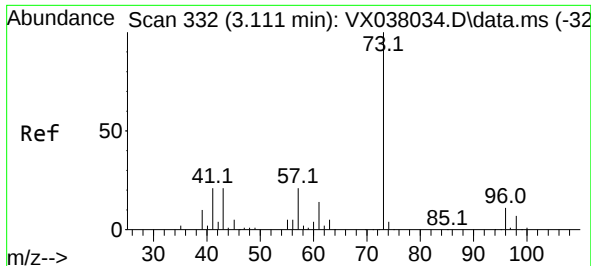
Tgt Ion: 43 Resp: 85357

Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8





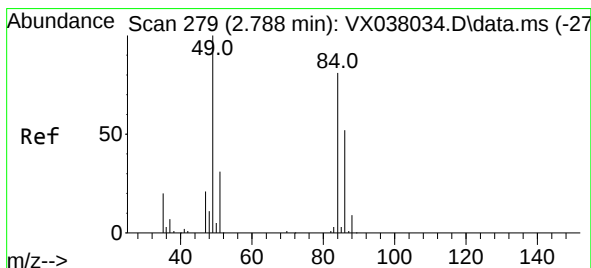
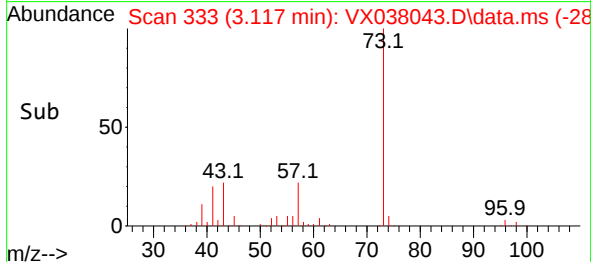
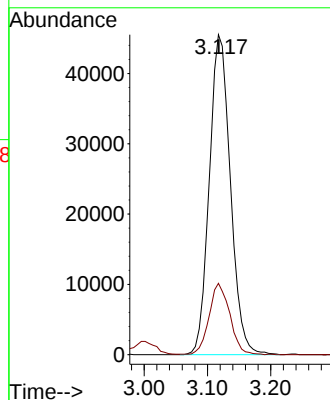
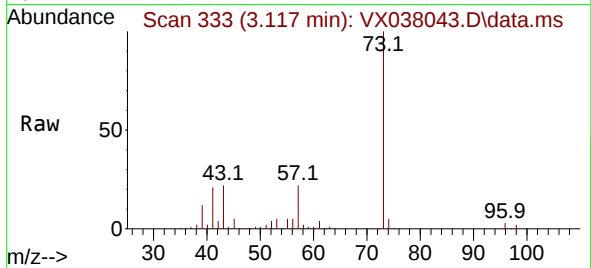
#19
Methyl tert-butyl Ether
Concen: 21.071 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 10536
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

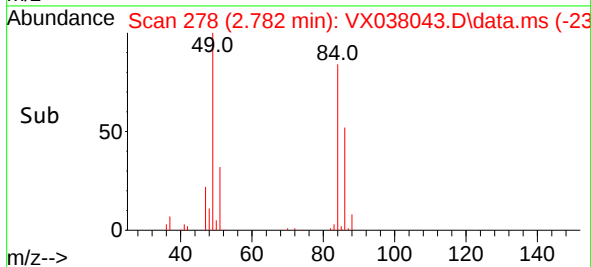
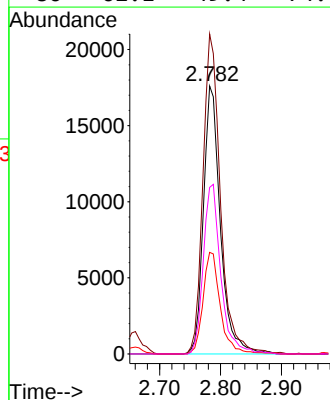
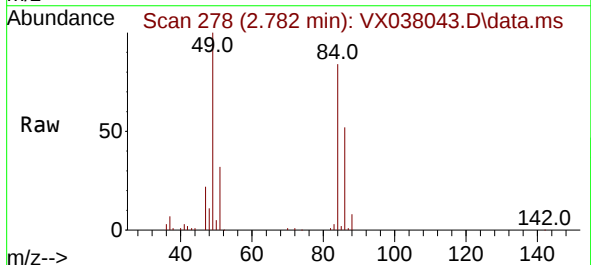
Manual Integrations
APPROVED

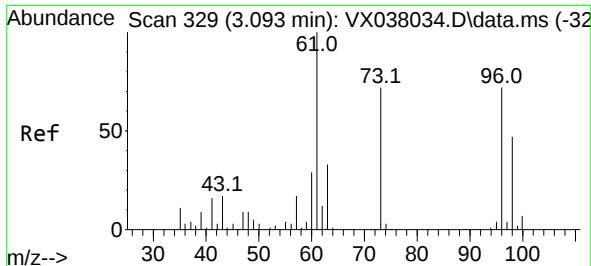
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#20
Methylene Chloride
Concen: 19.845 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

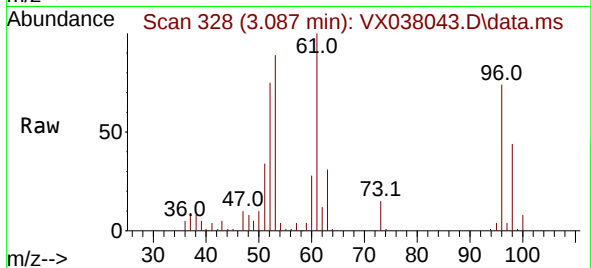
Tgt Ion: 84 Resp: 34146
Ion Ratio Lower Upper
84 100
49 119.4 103.6 155.4
51 37.9 33.8 50.6
86 62.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 21.041 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

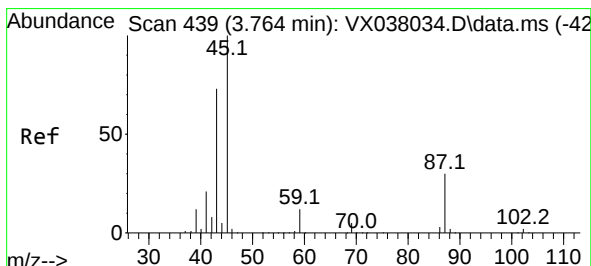
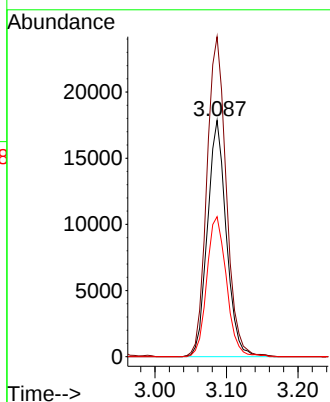
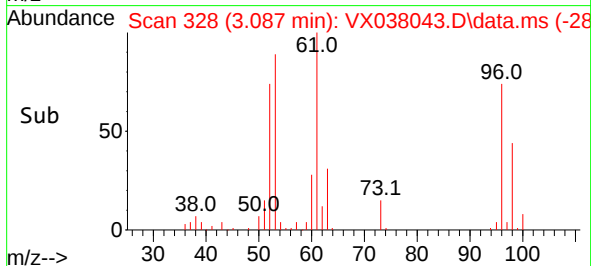
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



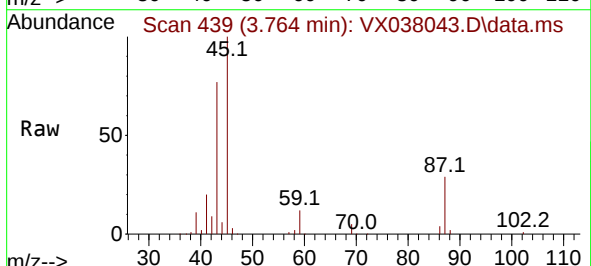
Tgt Ion: 96 Resp: 3273
Ion Ratio Lower Upper
96 100
61 135.4 119.2 178.8
98 59.3 48.7 73.1

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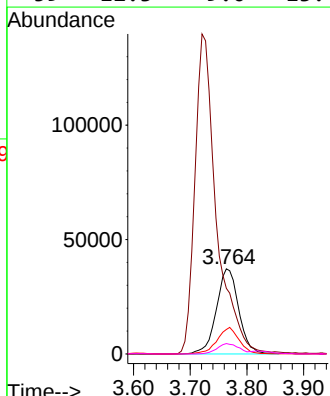
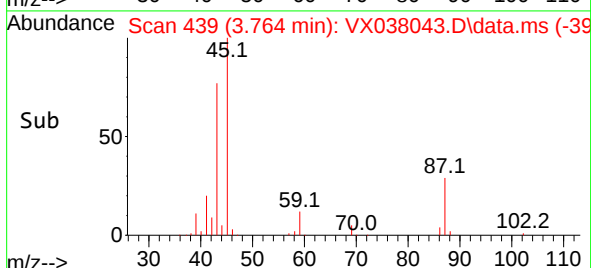
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

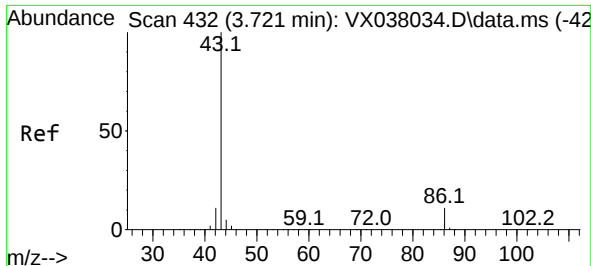


#22
Diisopropyl ether
Concen: 21.126 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56



Tgt Ion: 45 Resp: 101299
Ion Ratio Lower Upper
45 100
43 76.7 69.7 104.5
87 28.8 20.8 31.2
59 12.3 9.0 13.4





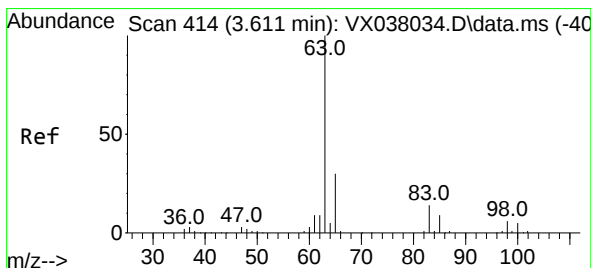
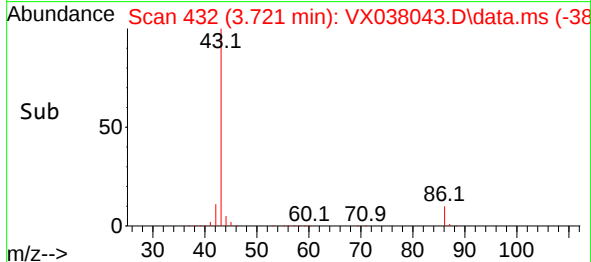
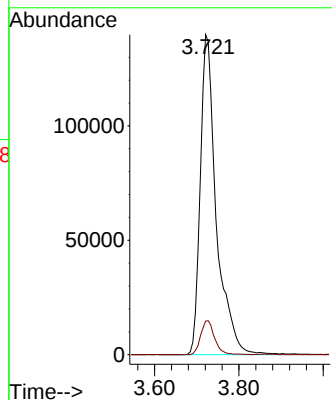
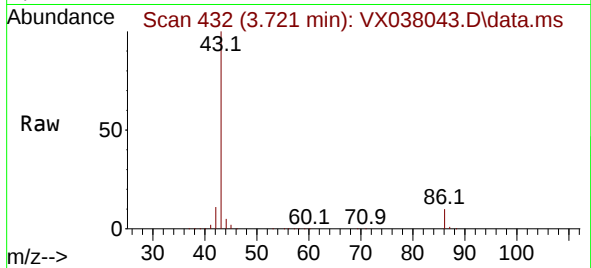
#23
 Vinyl Acetate
 Concen: 107.514 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038043.D
 Acq: 03 Oct 2023 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 37088
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

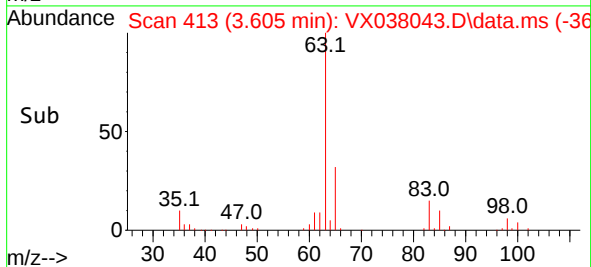
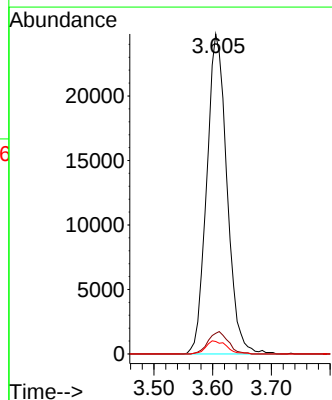
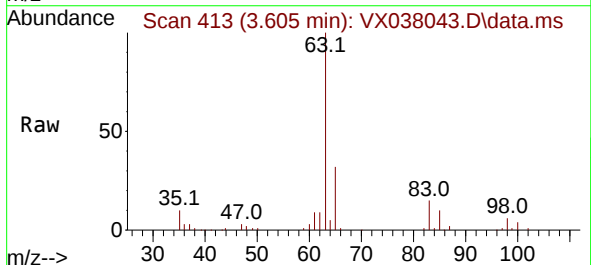
Manual Integrations
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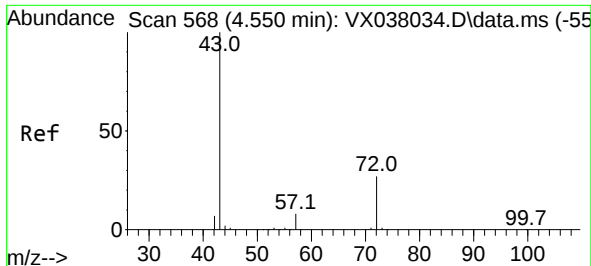
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#24
 1,1-Dichloroethane
 Concen: 20.400 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038043.D
 Acq: 03 Oct 2023 16:56

Tgt Ion: 63 Resp: 59374
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.9 2.1 6.5





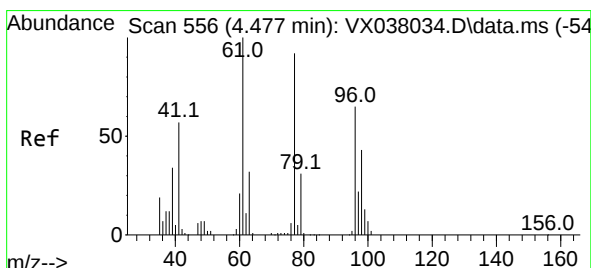
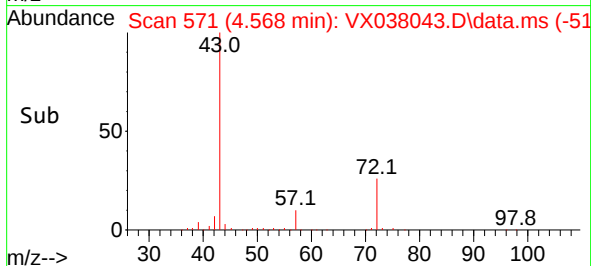
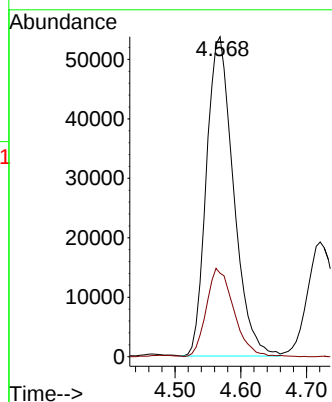
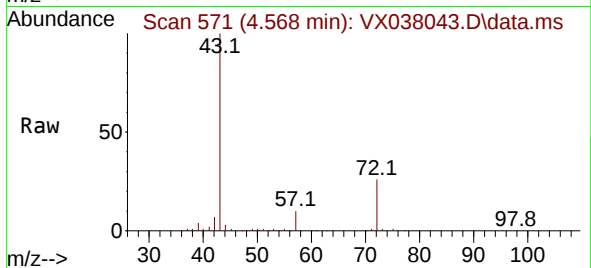
#25
2-Butanone
Concen: 104.574 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 15406
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

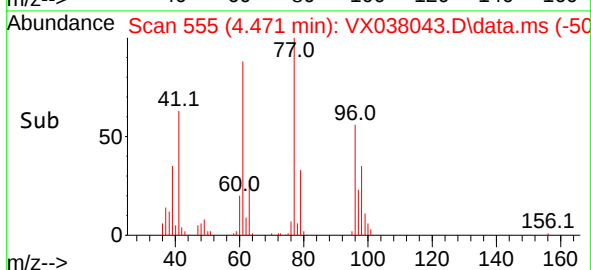
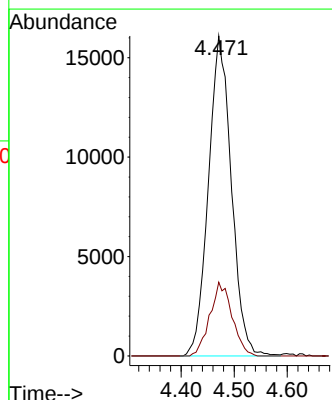
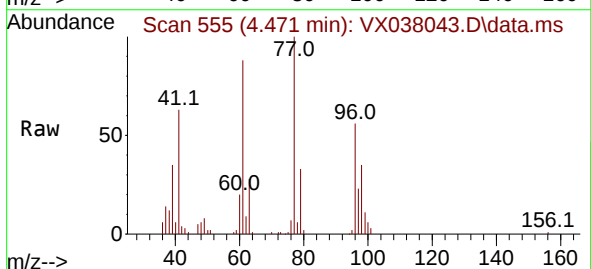
Manual Integrations
APPROVED

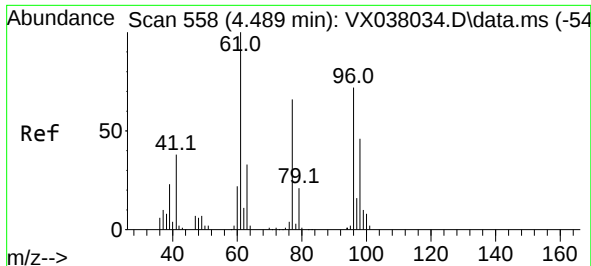
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#26
2,2-Dichloropropane
Concen: 21.176 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 77 Resp: 48406
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.198 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 38449

Ion Ratio Lower Upper

96 100

61 145.4 0.0 312.2

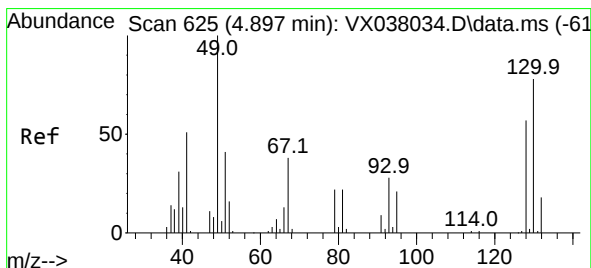
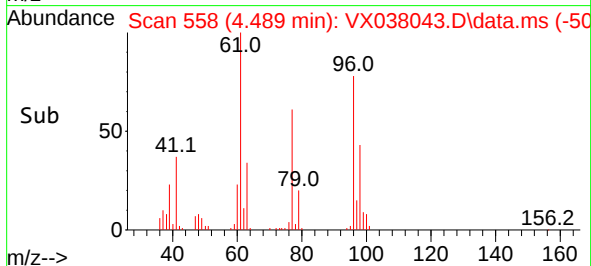
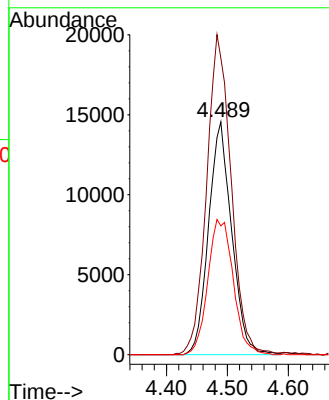
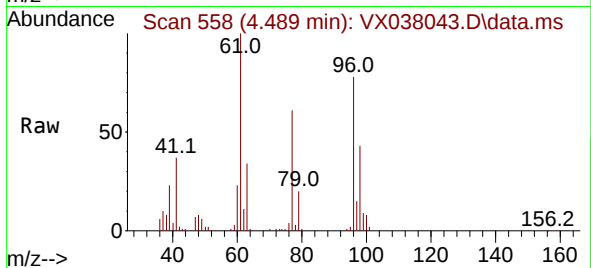
98 63.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#28

Bromochloromethane

Concen: 20.450 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

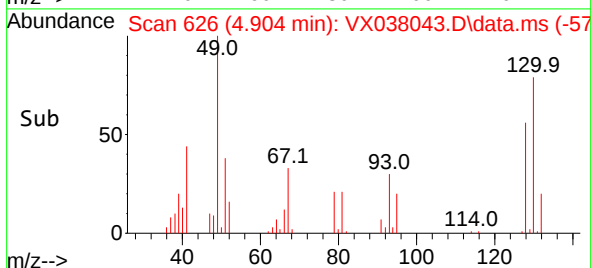
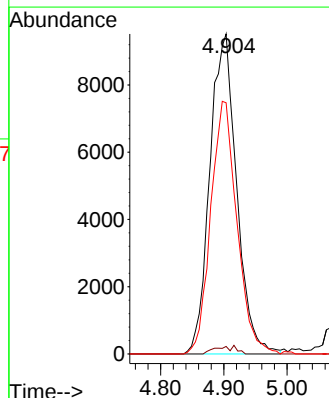
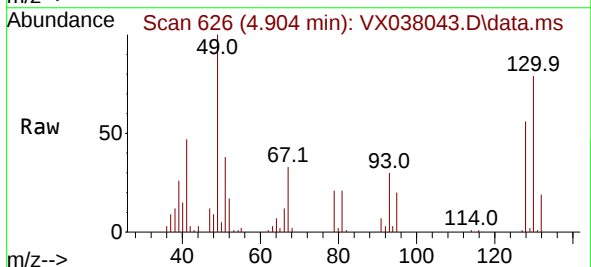
Tgt Ion: 49 Resp: 28004

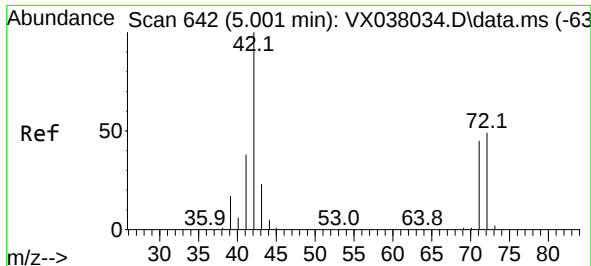
Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.8

130 77.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 103.426 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 98269

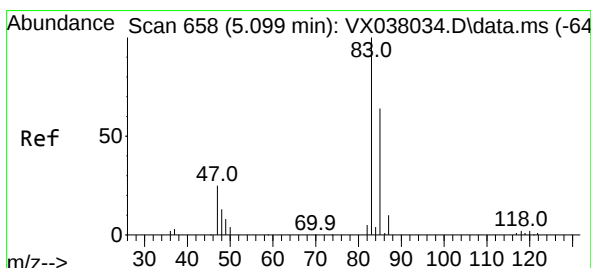
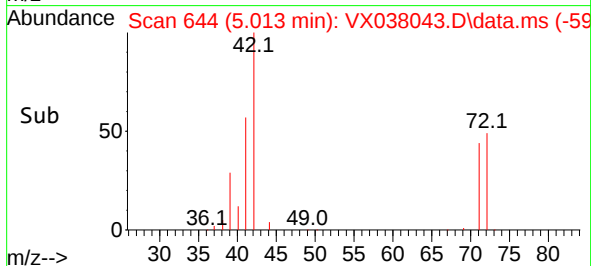
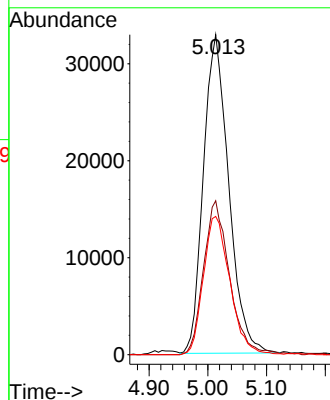
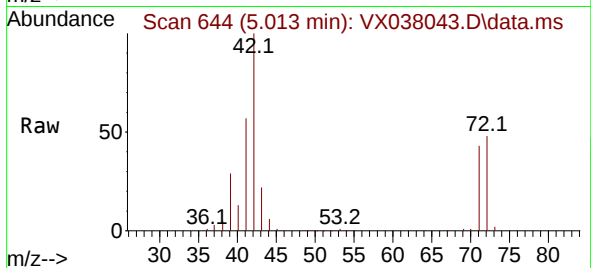
Ion	Ratio	Lower	Upper
42	100		
72	49.8	34.2	51.4
71	45.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#30

Chloroform

Concen: 20.889 ug/l

RT: 5.099 min Scan# 658

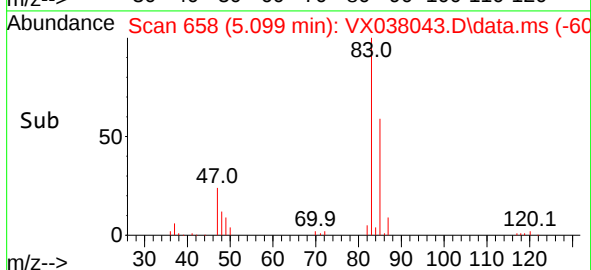
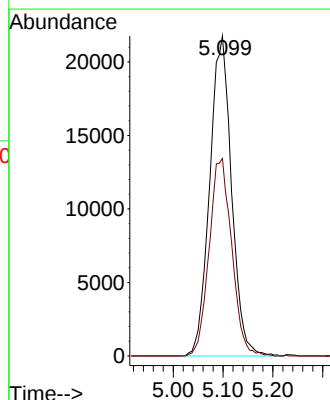
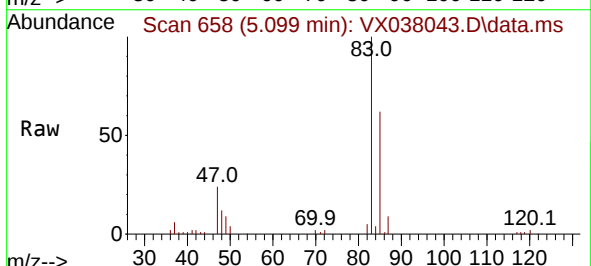
Delta R.T. -0.000 min

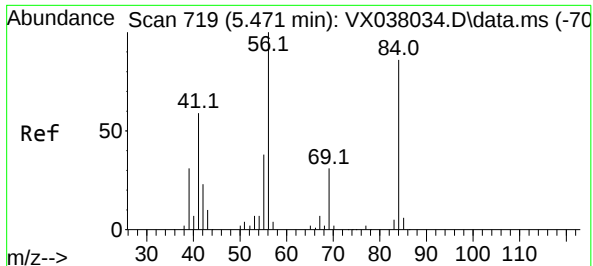
Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Tgt Ion: 83 Resp: 66226

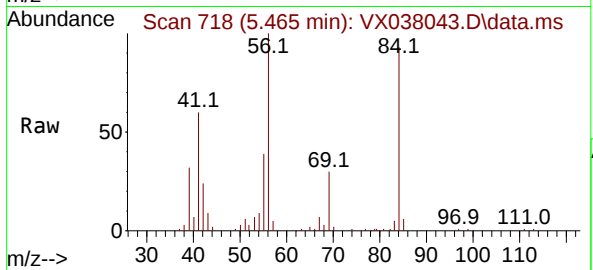
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.3	75.5





#31
Cyclohexane
Concen: 20.461 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

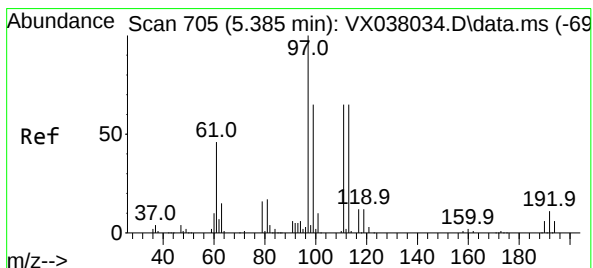
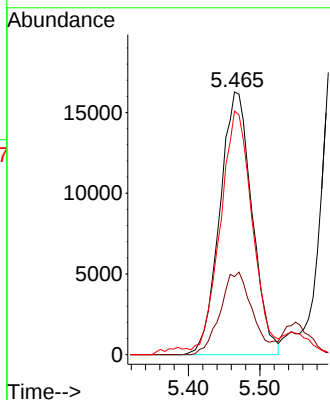
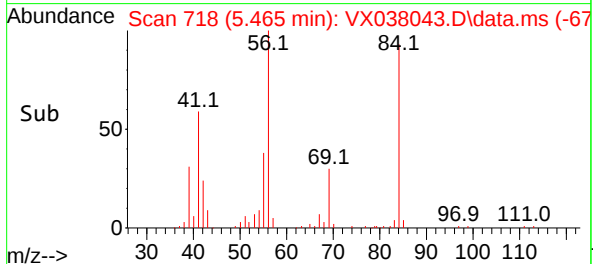
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 50909
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 89.9 65.9 98.9

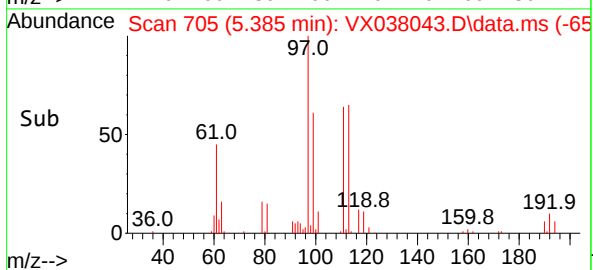
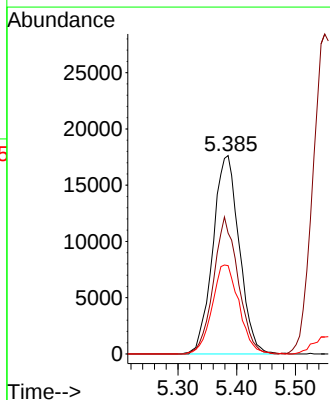
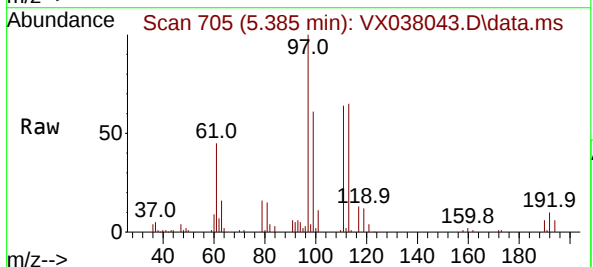
Manual Integrations
APPROVED

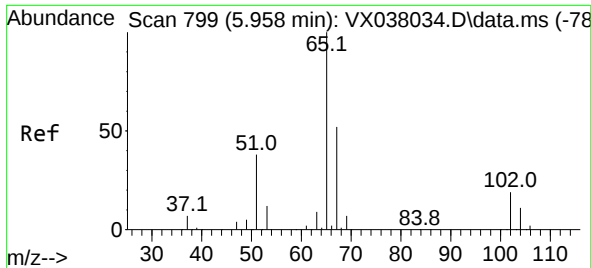
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#32
1,1,1-Trichloroethane
Concen: 20.881 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 97 Resp: 55066
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 45.7 36.4 54.6





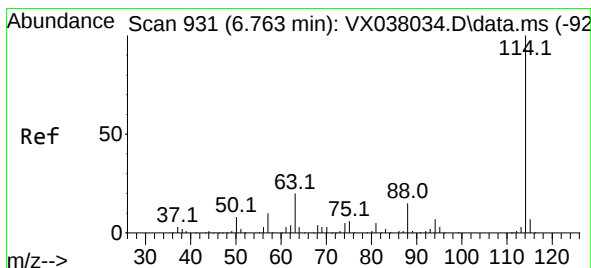
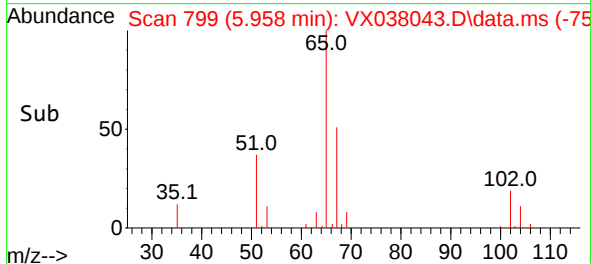
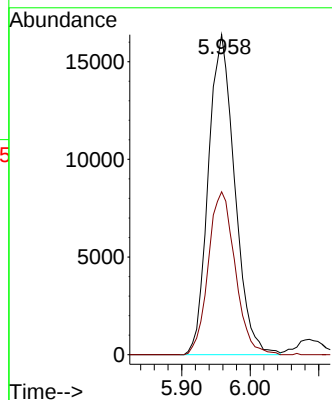
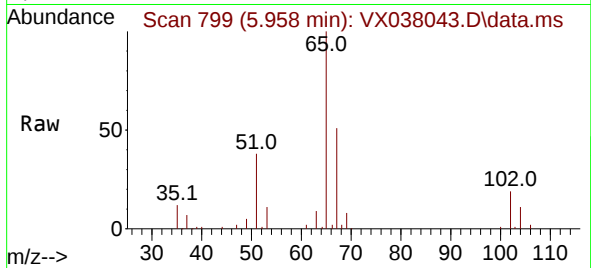
#33
1,2-Dichloroethane-d4
Concen: 20.581 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 4379
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

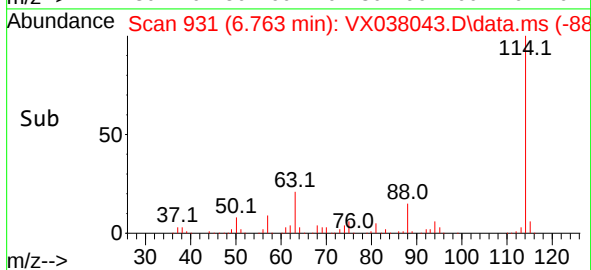
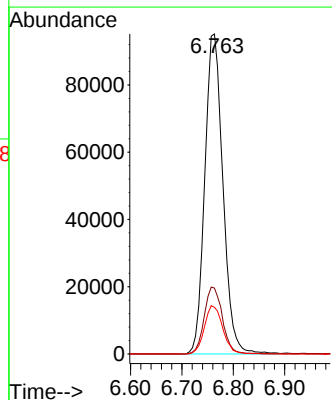
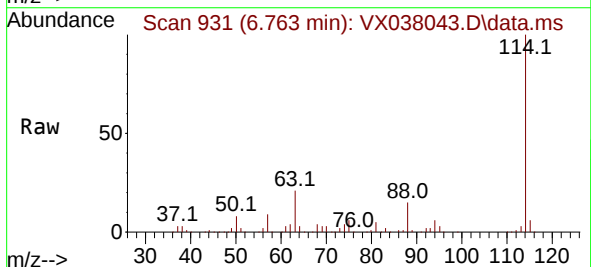
Manual Integrations
APPROVED

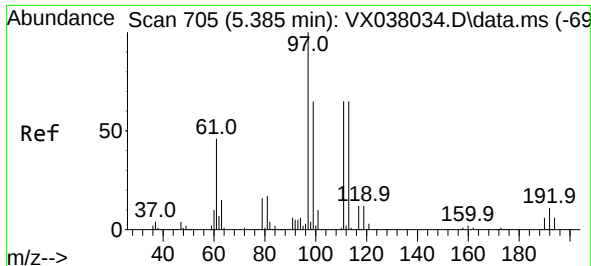
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion:114 Resp: 233120
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 14.6 0.0 36.6





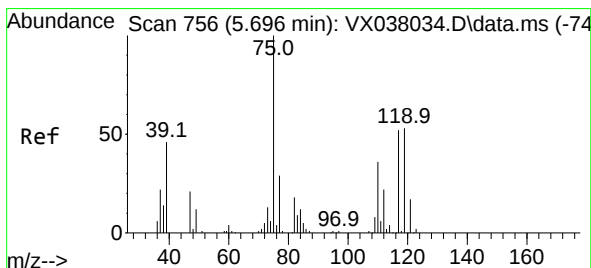
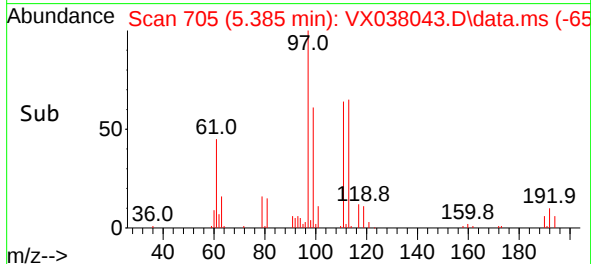
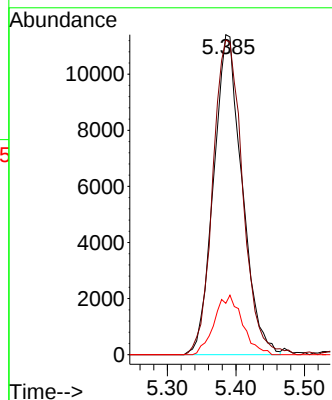
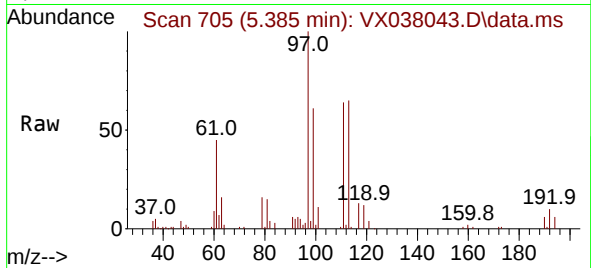
#35
Dibromofluoromethane
Concen: 20.568 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 113 Resp: 3289
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.3 13.3 19.9

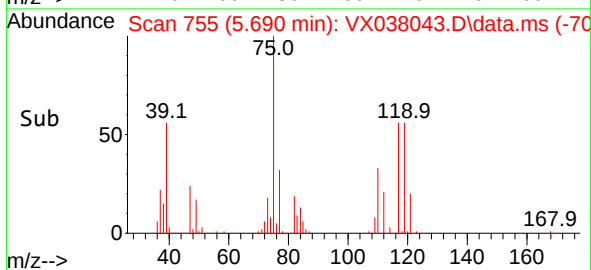
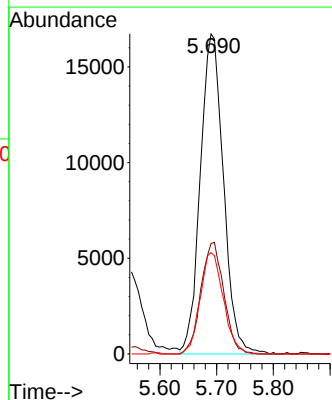
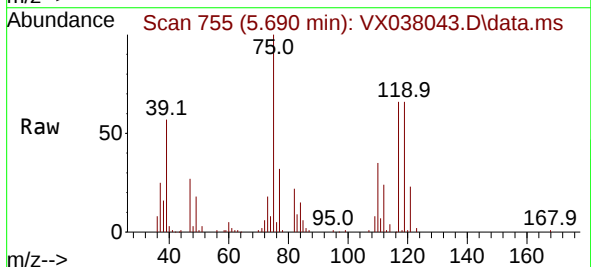
Manual Integrations
APPROVED

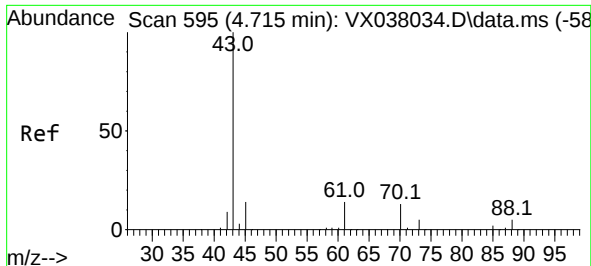
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#36
1,1-Dichloropropene
Concen: 20.170 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 75 Resp: 47538
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 22.088 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

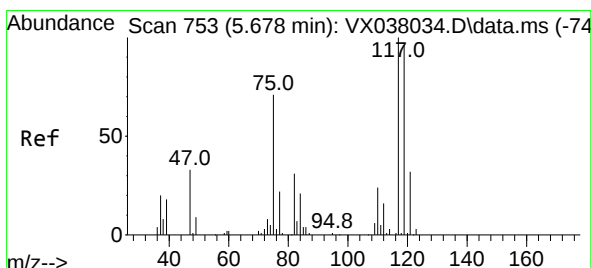
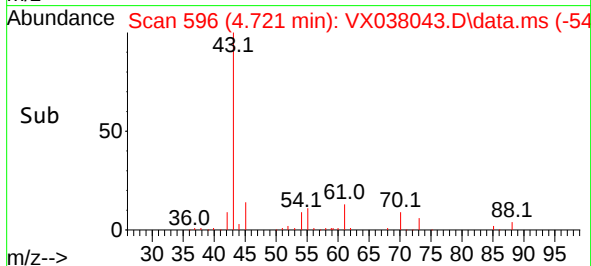
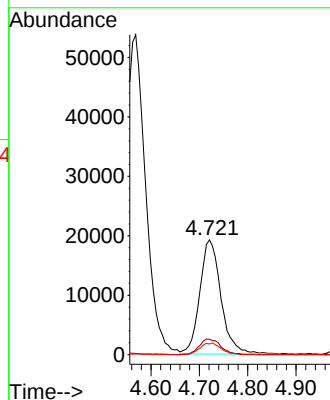
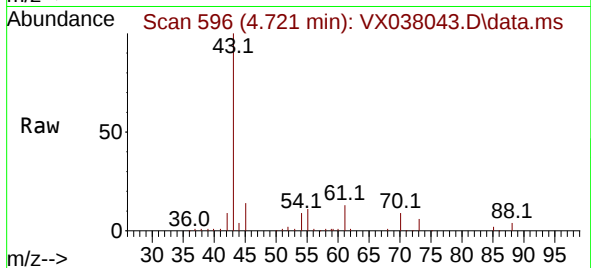
Tgt Ion: 43	Resp: 5846
Ion Ratio	Lower Upper
43 100	
61 14.2	10.6 16.0
70 10.2	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#38

Carbon Tetrachloride

Concen: 19.918 ug/l

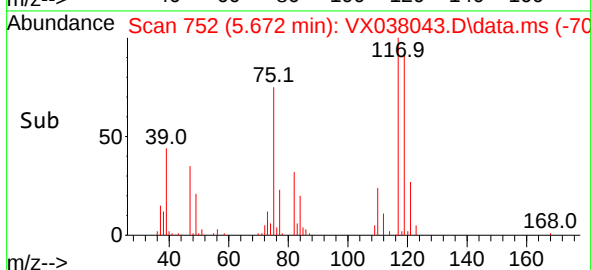
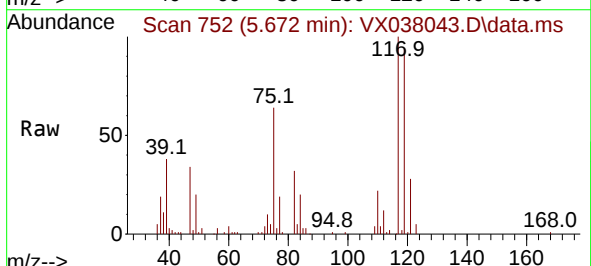
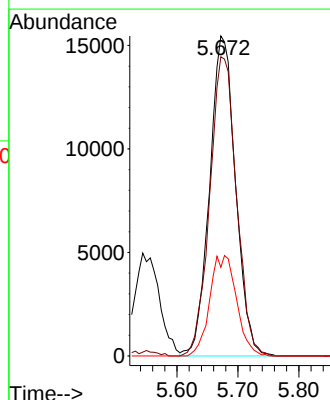
RT: 5.672 min Scan# 752

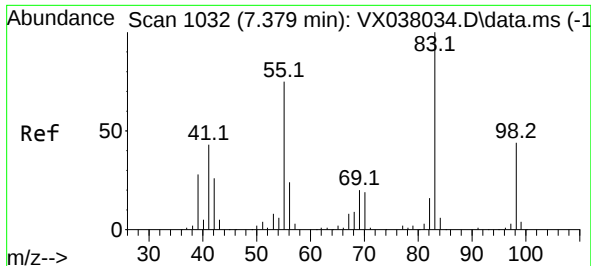
Delta R.T. -0.006 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Tgt Ion:117	Resp: 45682
Ion Ratio	Lower Upper
117 100	
119 93.5	78.2 117.2
121 27.7	24.4 36.6





#39
Methylcyclohexane
Concen: 21.098 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

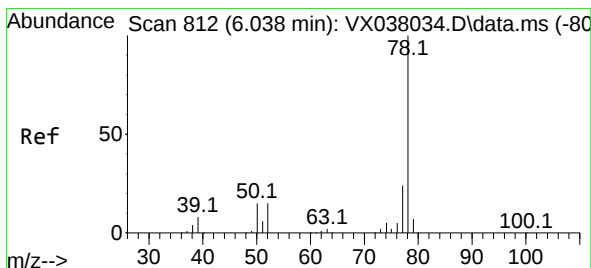
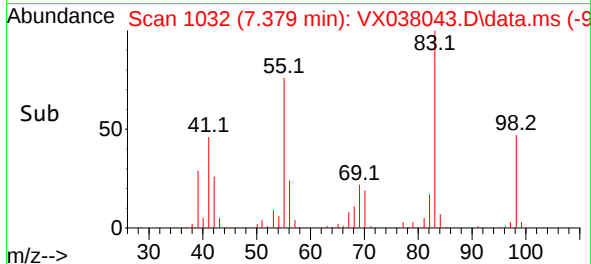
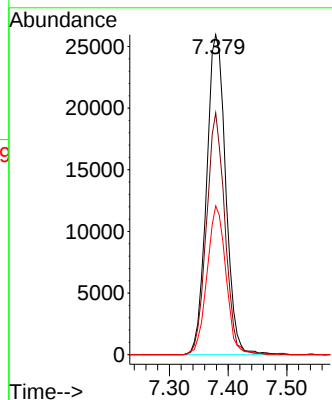
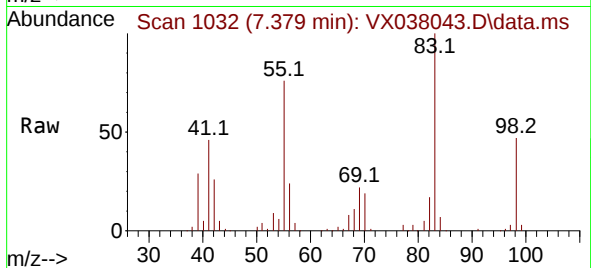
Tgt Ion: 83 Resp: 58772
Ion Ratio Lower Upper
83 100
55 75.5 64.6 97.0
98 46.5 36.7 55.1

Manual Integrations

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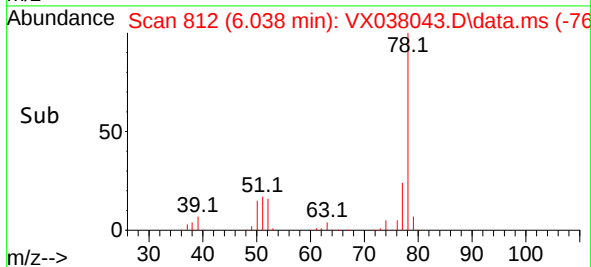
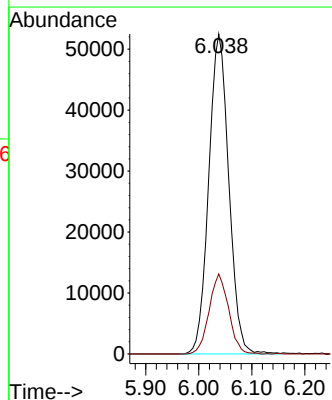
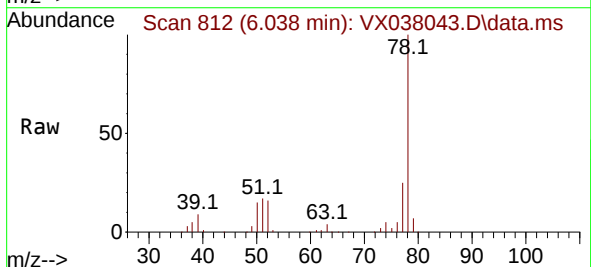
Reviewed By :John Carlone 10/04/2023

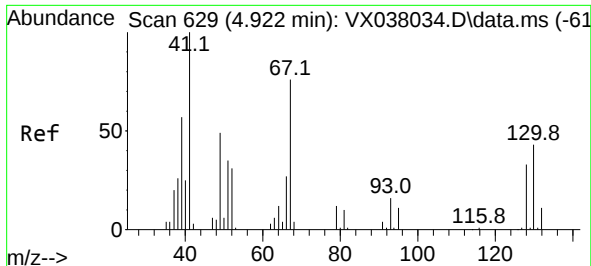
Supervised By :Semsettin Yesilyurt 10/04/2023



#40
Benzene
Concen: 20.755 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 78 Resp: 137996
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9





#41
Methacrylonitrile
Concen: 21.230 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

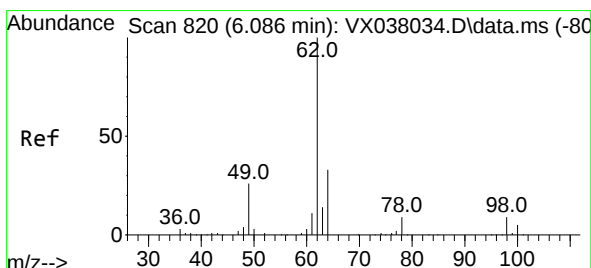
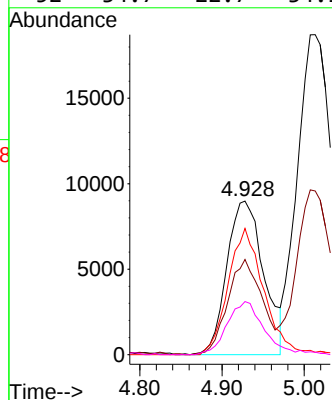
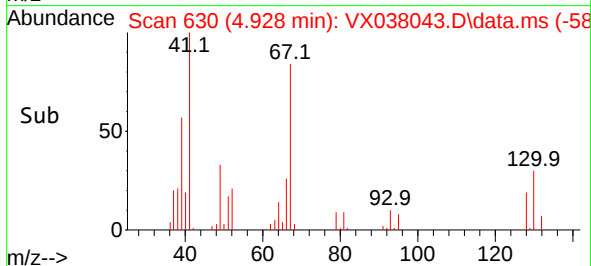
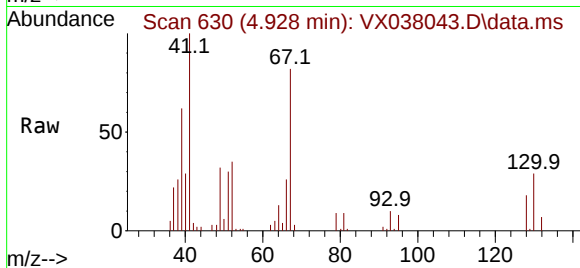
Tgt Ion: 41 Resp: 2813
Ion Ratio Lower Upper
41 100
39 57.4 45.2 67.8
67 79.2 52.6 78.8
52 34.7 22.7 34.1#

Manual Integrations

APPROVED

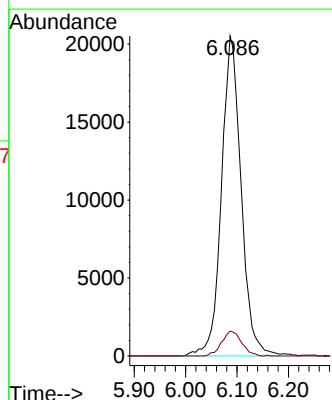
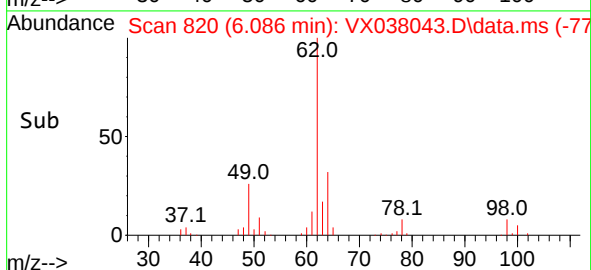
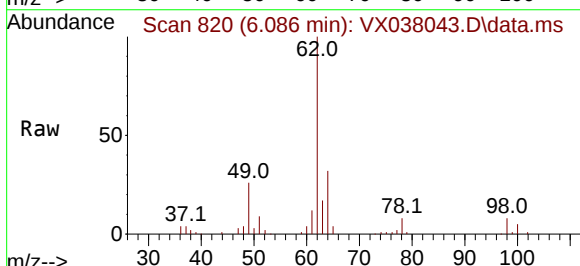
Reviewed By :John Carlone 10/04/2023

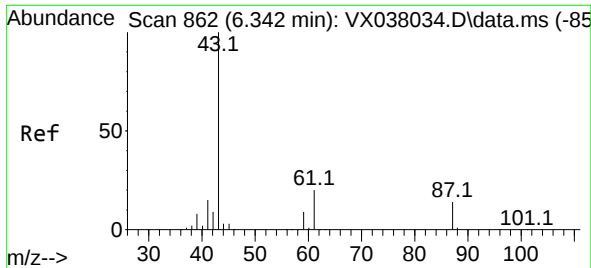
Supervised By :Semsettin Yesilyurt 10/04/2023



#42
1,2-Dichloroethane
Concen: 20.912 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 62 Resp: 54525
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.032 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

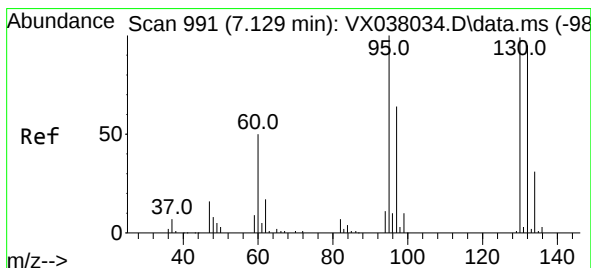
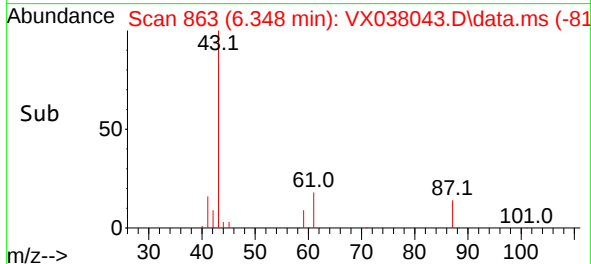
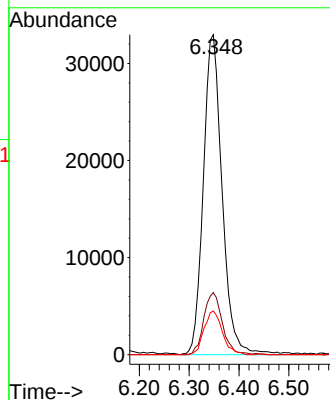
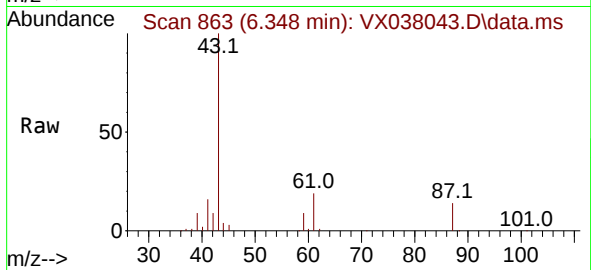
Tgt Ion: 43 Resp: 8625
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.2 22.8
 87 13.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#44

Trichloroethene

Concen: 20.042 ug/l

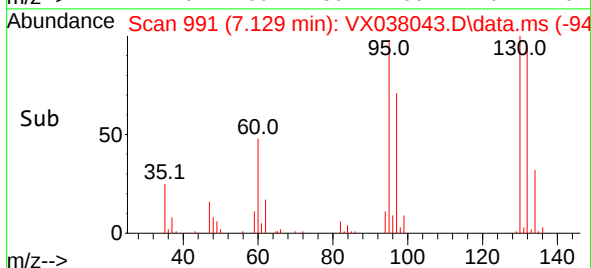
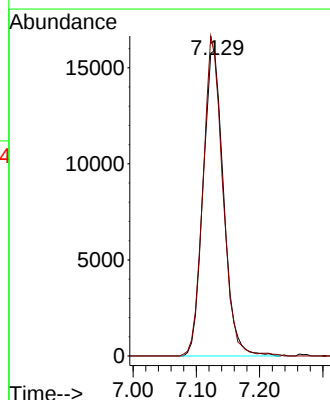
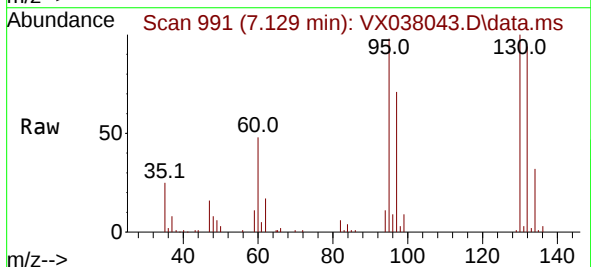
RT: 7.129 min Scan# 991

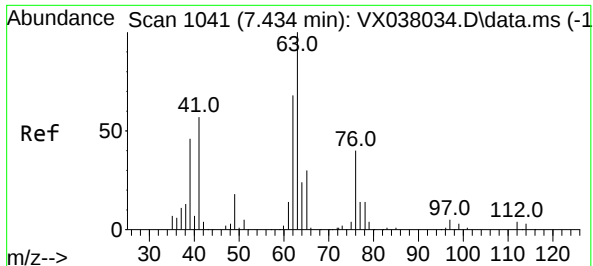
Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Tgt Ion:130 Resp: 35961
 Ion Ratio Lower Upper
 130 100
 95 98.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.999 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3554

Ion Ratio Lower Upper

63 100

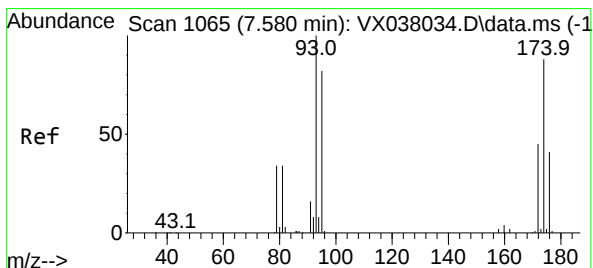
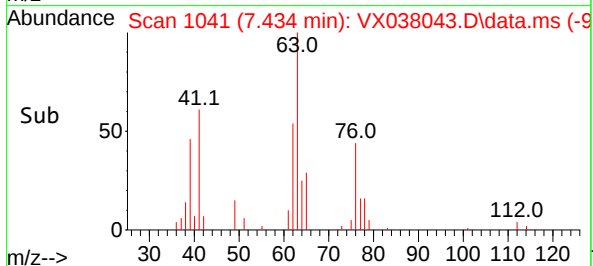
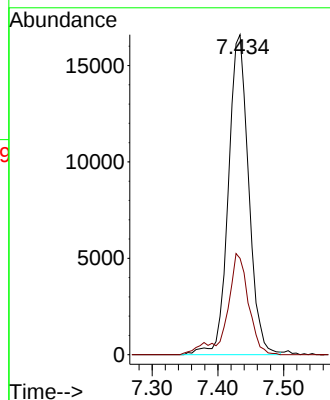
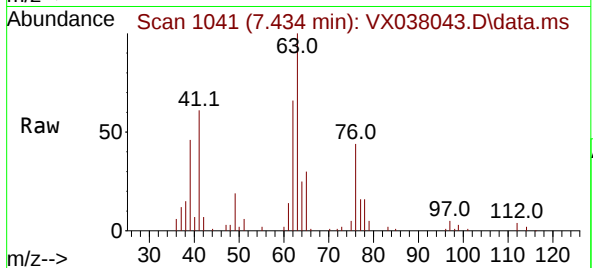
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#46

Dibromomethane

Concen: 20.281 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

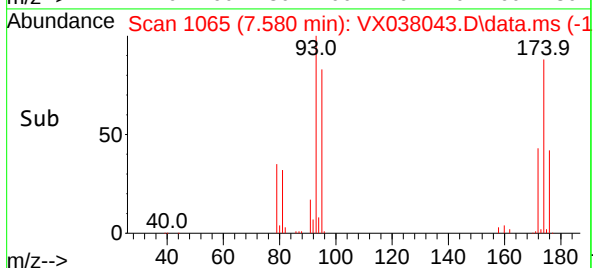
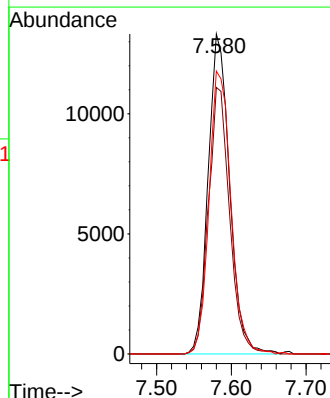
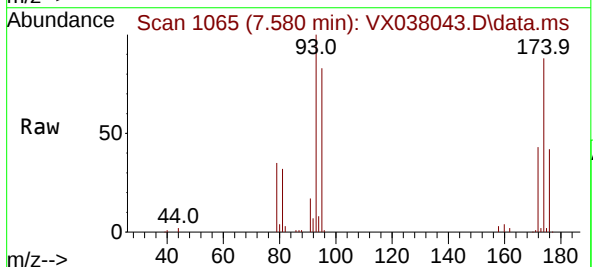
Tgt Ion: 93 Resp: 26584

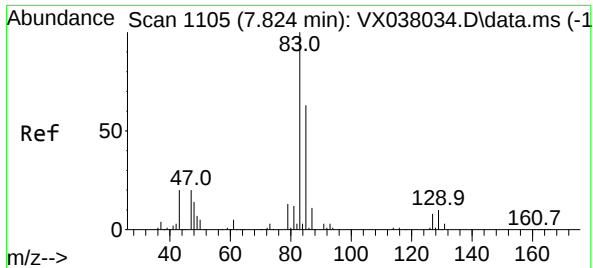
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 90.5 69.4 104.0





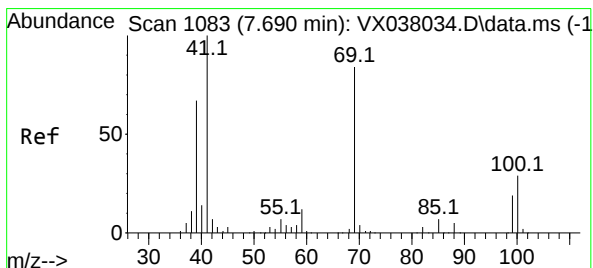
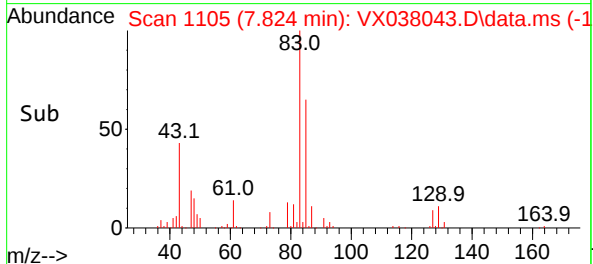
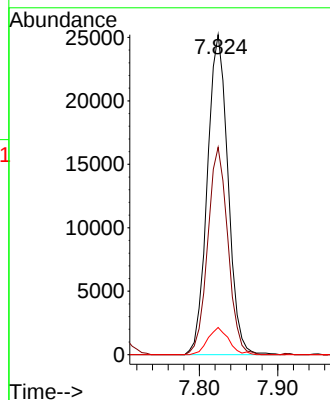
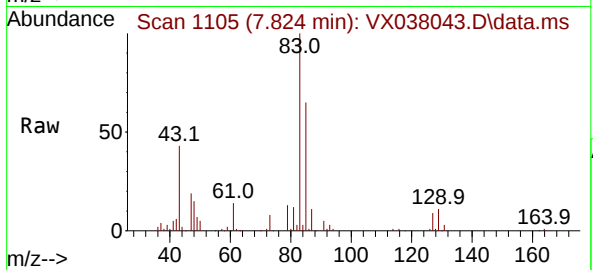
#47
Bromodichloromethane
Concen: 20.238 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4618
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 8.5 7.1 10.7

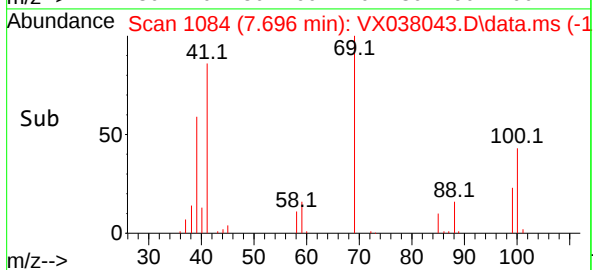
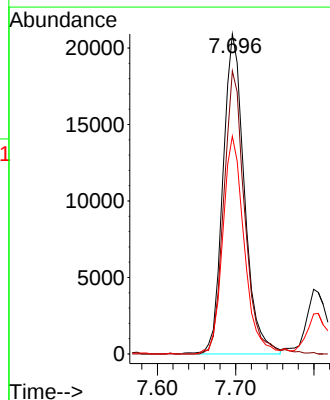
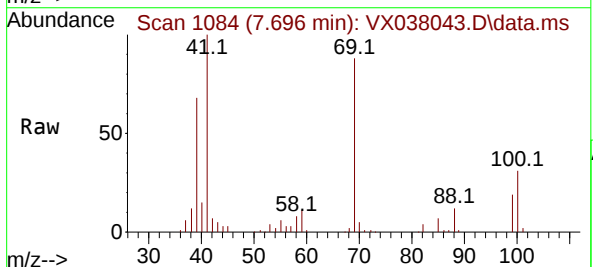
Manual Integrations
APPROVED

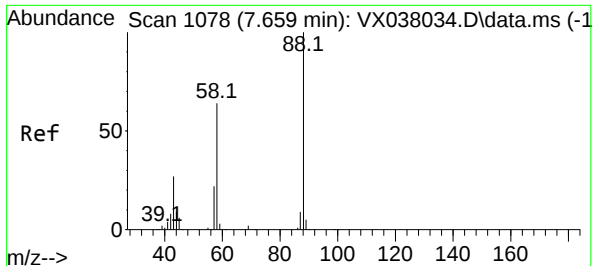
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#48
Methyl methacrylate
Concen: 20.192 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

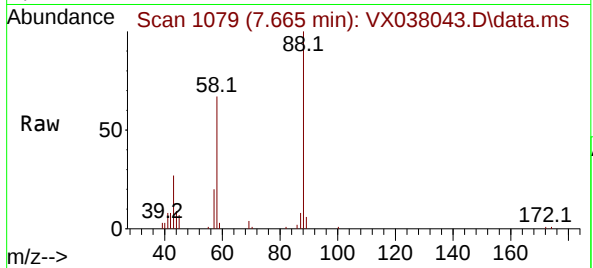
Tgt Ion: 41 Resp: 39813
Ion Ratio Lower Upper
41 100
69 86.3 59.2 88.8
39 67.7 47.7 71.5





#49
1,4-Dioxane
Concen: 421.955 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

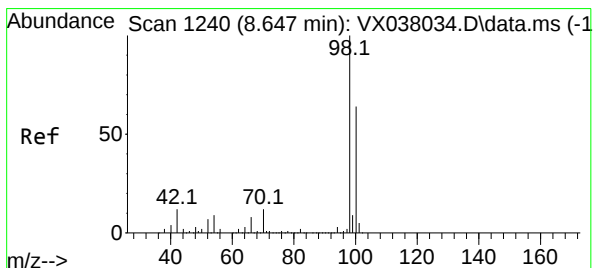
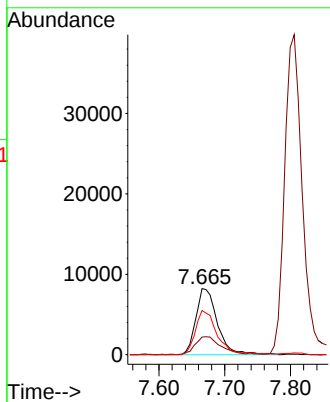
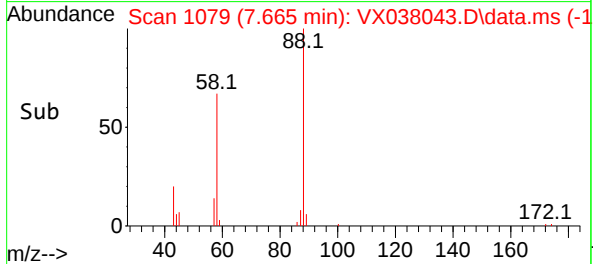
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 18650
Ion Ratio Lower Upper
88 100
43 32.0 0.0 0.0
58 67.5 60.1 90.1

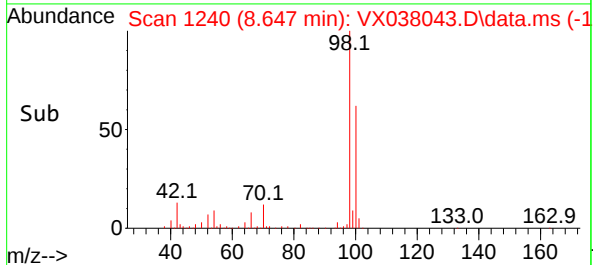
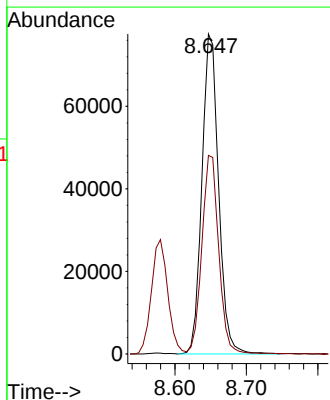
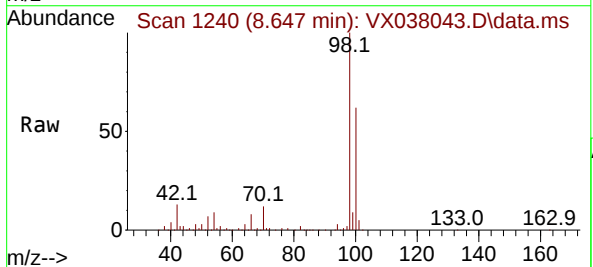
Manual Integrations
APPROVED

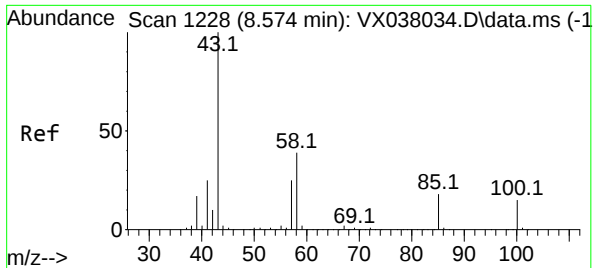
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#50
Toluene-d8
Concen: 20.487 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 98 Resp: 125389
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7





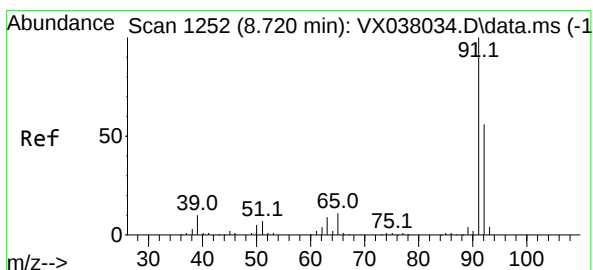
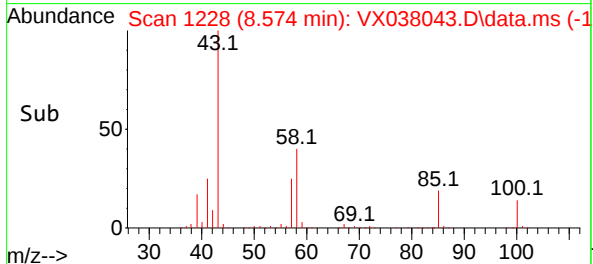
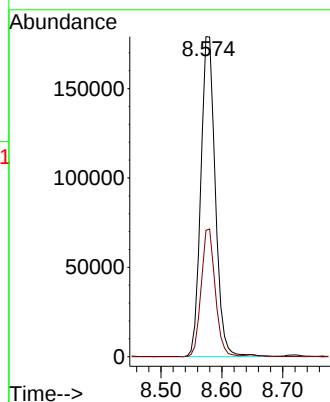
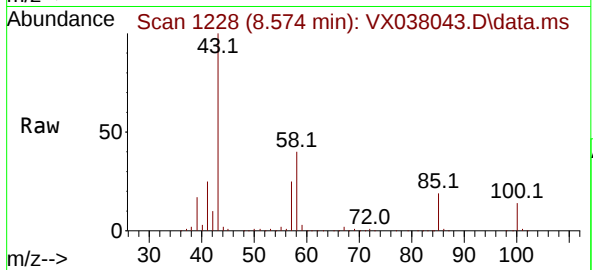
#51
4-Methyl-2-Pentanone
Concen: 104.032 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 296412
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

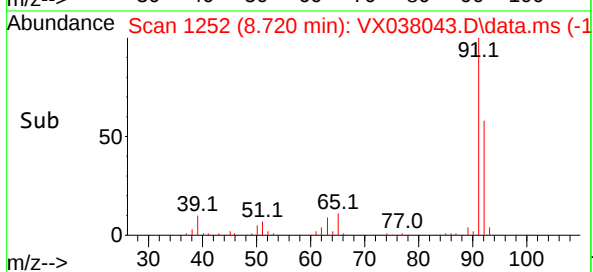
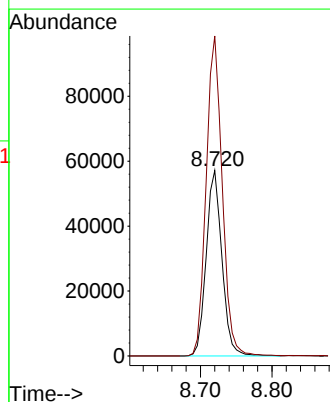
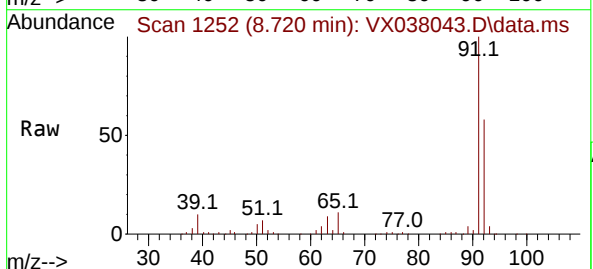
Manual Integrations
APPROVED

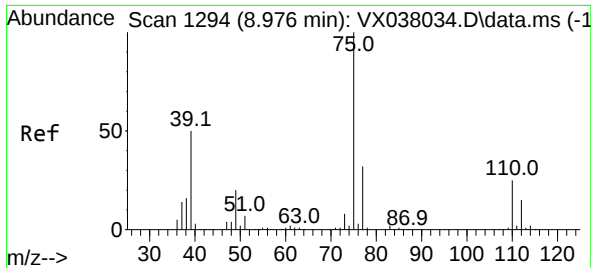
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#52
Toluene
Concen: 20.343 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 92 Resp: 87543
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 20.546 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

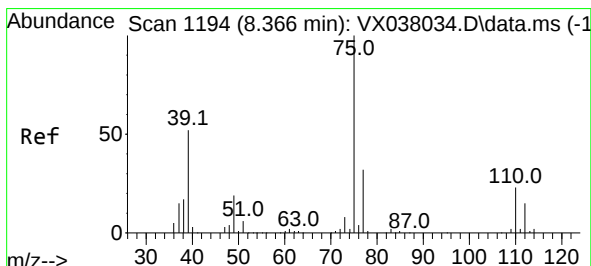
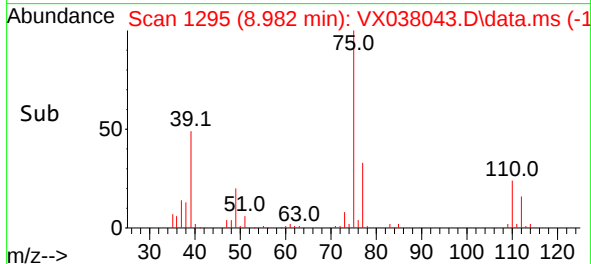
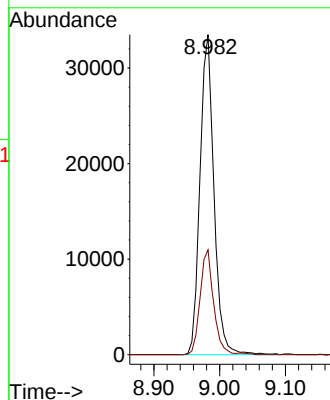
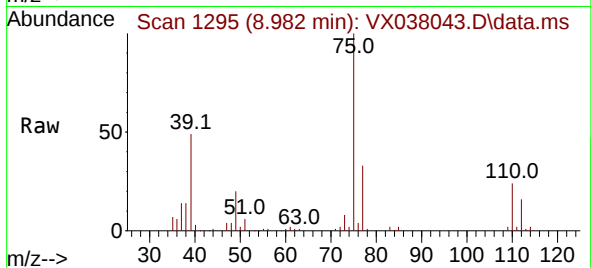
VSTDICC020

Tgt Ion: 75 Resp: 4938
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5

Manual Integrations

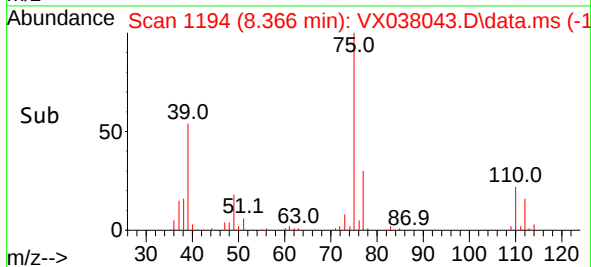
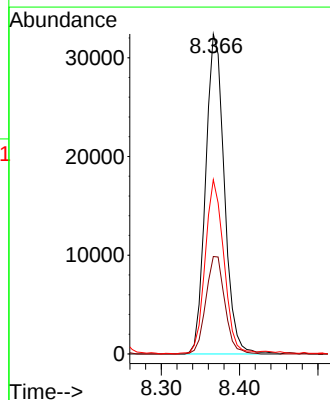
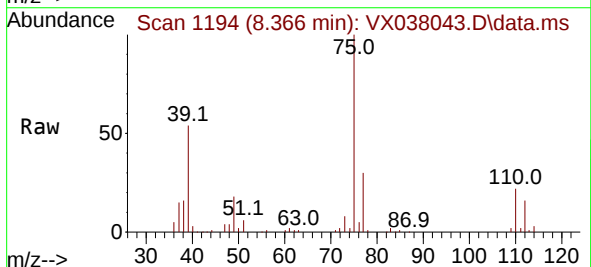
APPROVED

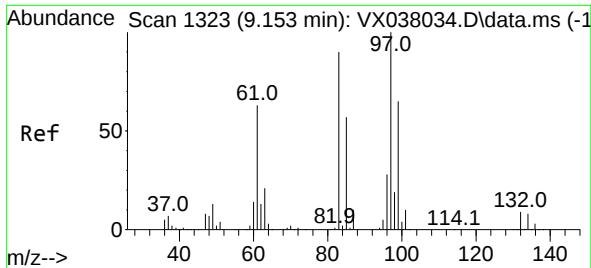
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#54
cis-1,3-Dichloropropene
Concen: 20.970 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

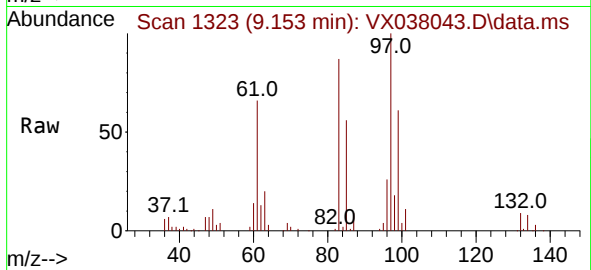
Tgt Ion: 75 Resp: 53638
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 54.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.699 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

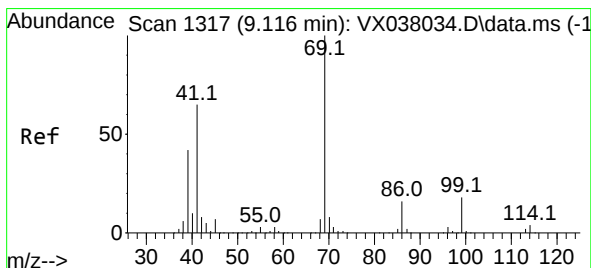
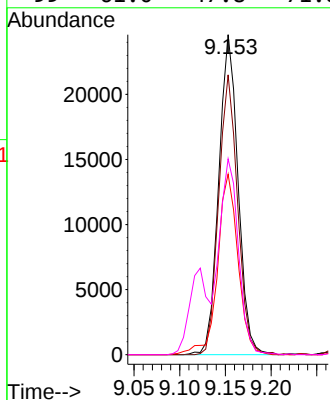
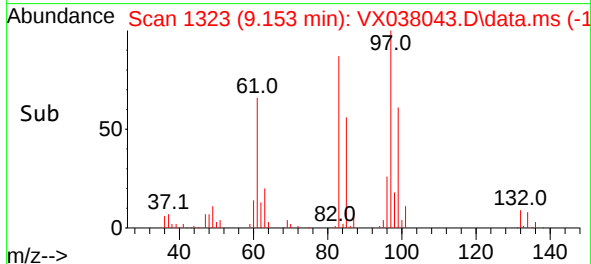
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	3617
Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.8	98.8
85	56.4	41.6	62.4
99	61.0	47.8	71.8

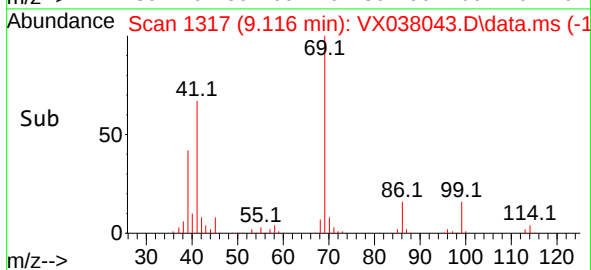
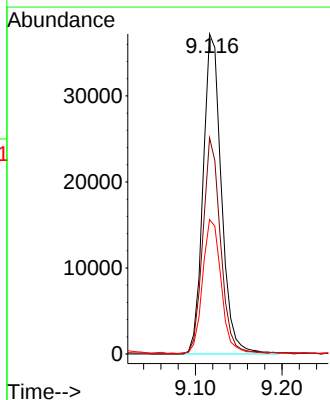
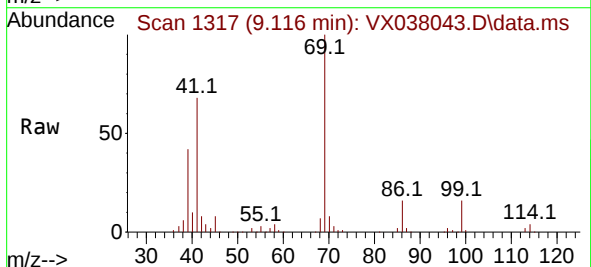
Manual Integrations
APPROVED

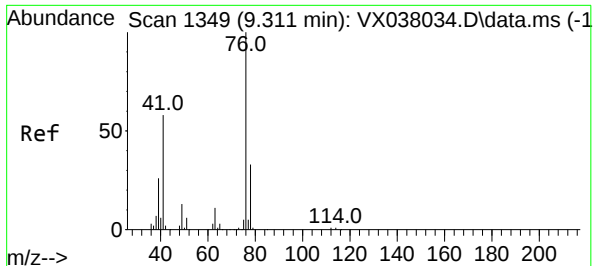
Reviewed By :John Carbone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#56
Ethyl methacrylate
Concen: 20.809 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion:	69	Resp:	54654
Ion	Ratio	Lower	Upper
69	100		
41	65.5	56.8	85.2
39	42.4	32.0	48.0





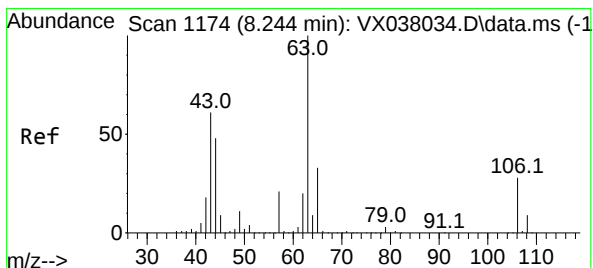
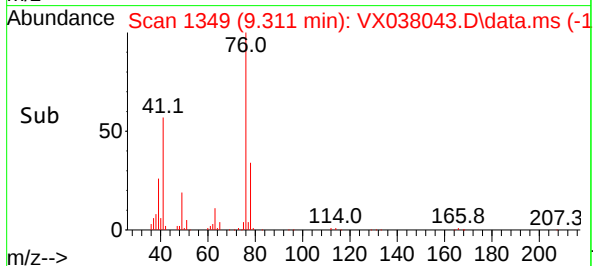
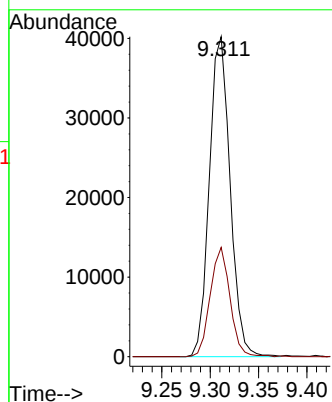
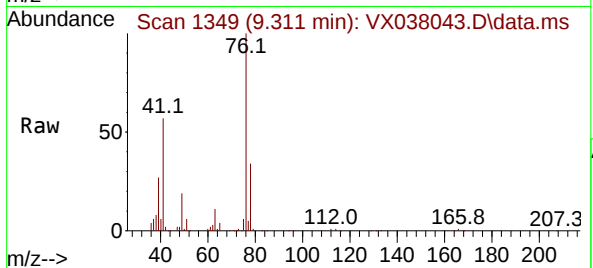
#57
1,3-Dichloropropane
Concen: 20.429 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 60030
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

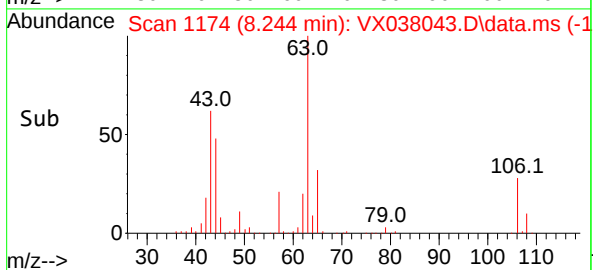
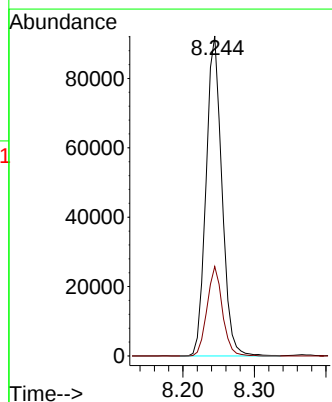
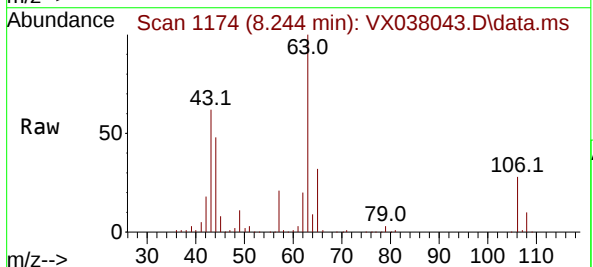
Manual Integrations
APPROVED

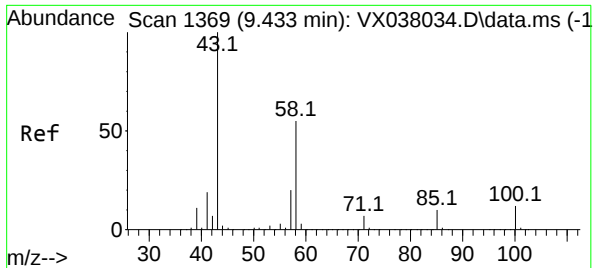
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#58
2-Chloroethyl Vinyl ether
Concen: 105.929 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

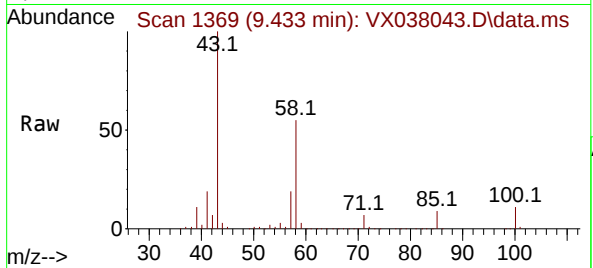
Tgt Ion: 63 Resp: 142193
Ion Ratio Lower Upper
63 100
106 27.0 22.5 33.7





#59
2-Hexanone
Concen: 105.228 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

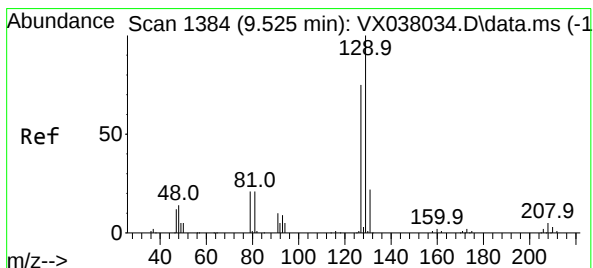
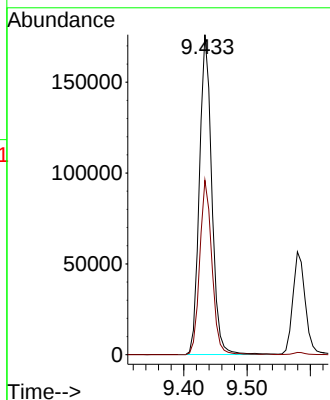
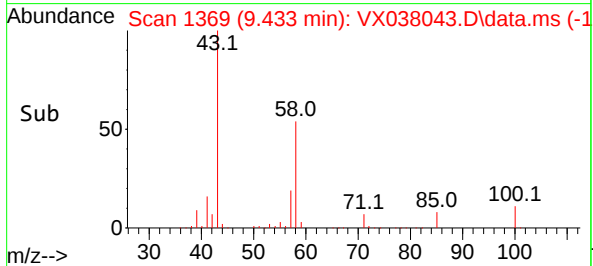
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 239845
Ion Ratio Lower Upper
43 100
58 53.9 26.2 78.5

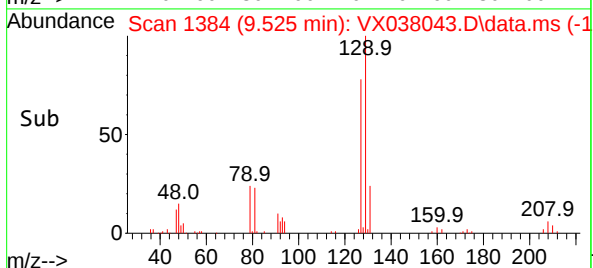
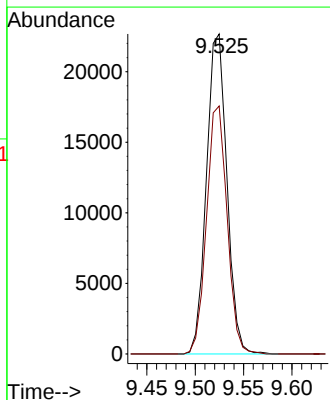
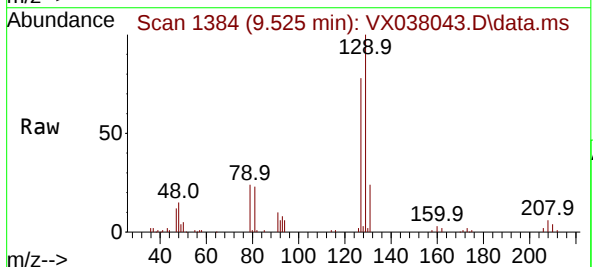
Manual Integrations
APPROVED

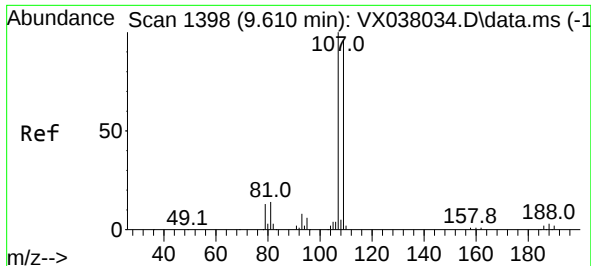
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#60
Dibromochloromethane
Concen: 19.842 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

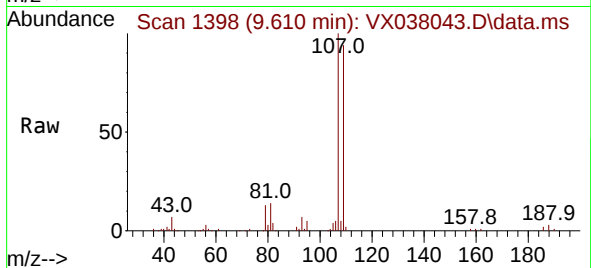
Tgt Ion:129 Resp: 33368
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.410 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

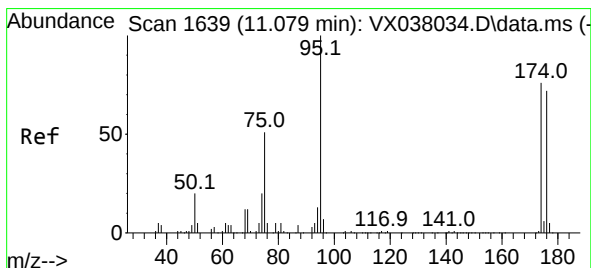
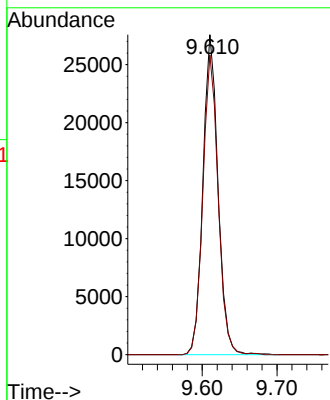
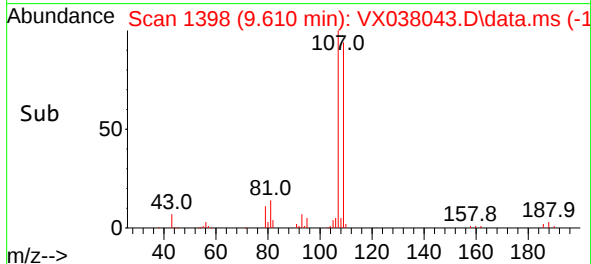
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 3866
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

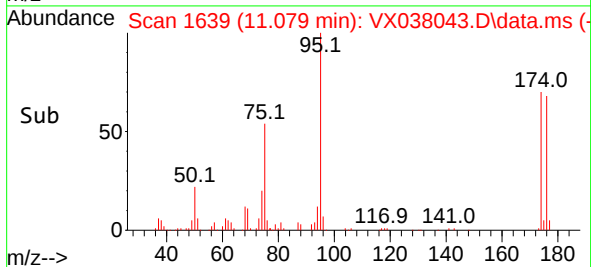
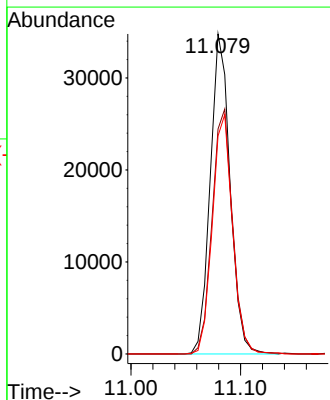
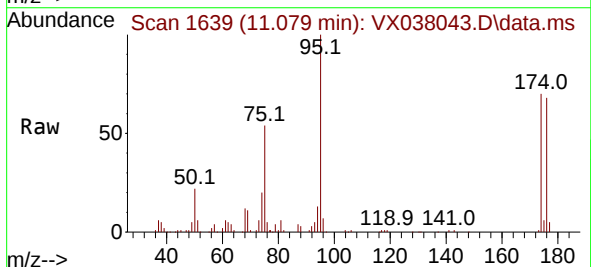
Manual Integrations
APPROVED

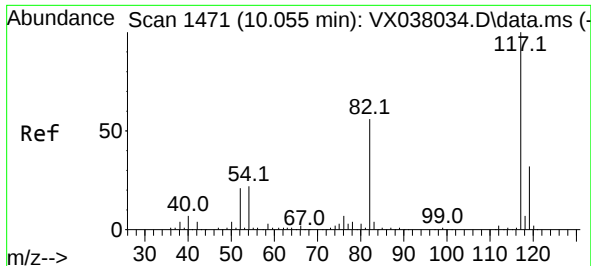
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#62
4-Bromofluorobenzene
Concen: 19.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

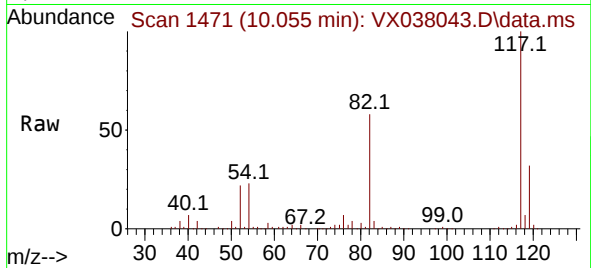
Tgt Ion: 95 Resp: 43744
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 76.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

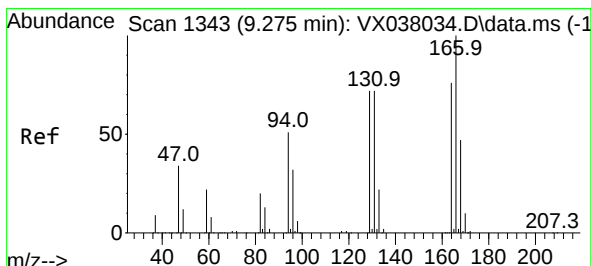
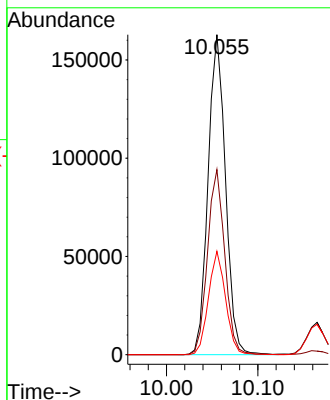
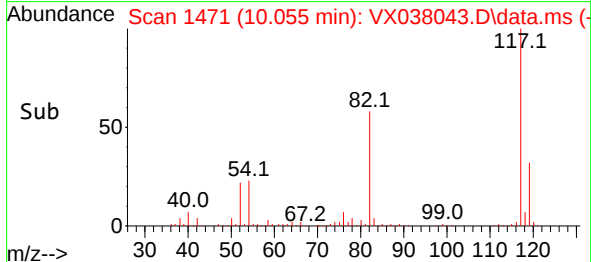
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 21507
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.3 25.5 38.3

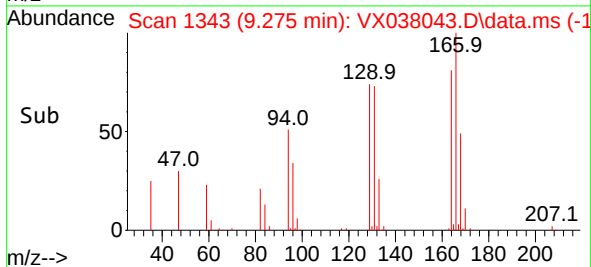
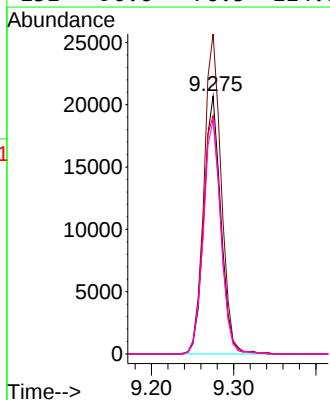
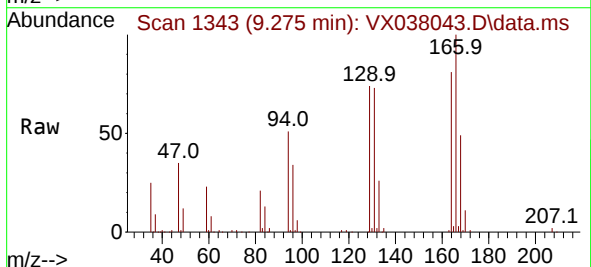
Manual Integrations
APPROVED

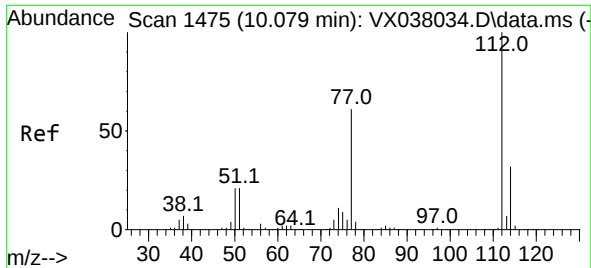
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#64
Tetrachloroethene
Concen: 20.725 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion:164 Resp: 29659
Ion Ratio Lower Upper
164 100
166 124.0 102.7 154.1
129 92.3 80.4 120.6
131 90.6 76.5 114.7





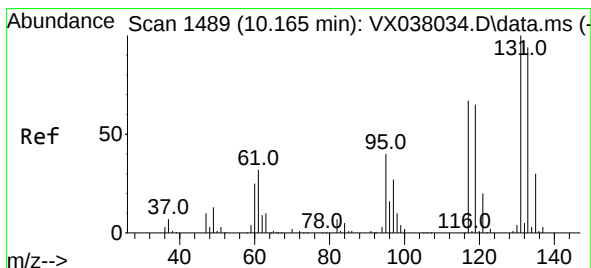
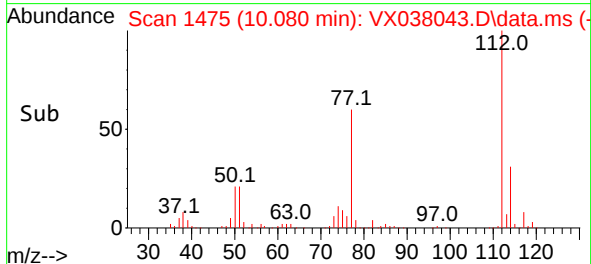
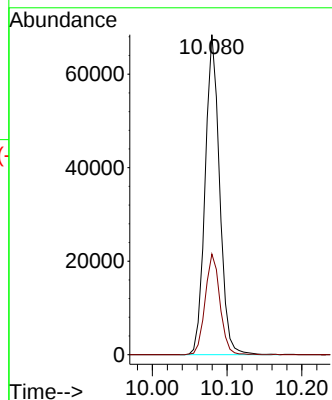
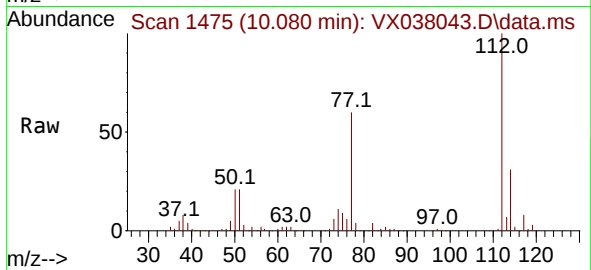
#65
Chlorobenzene
Concen: 20.403 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 92119
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

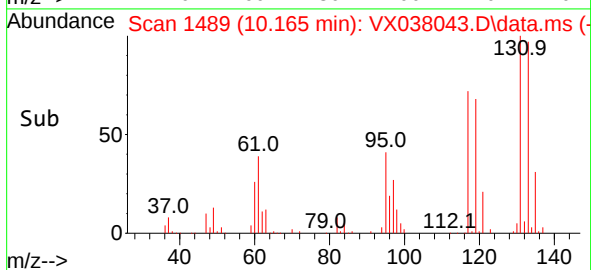
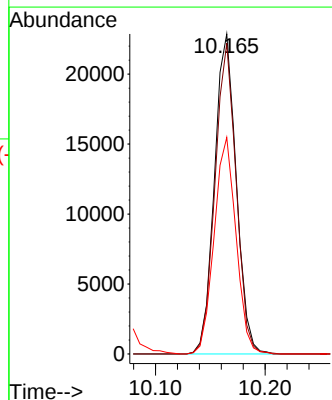
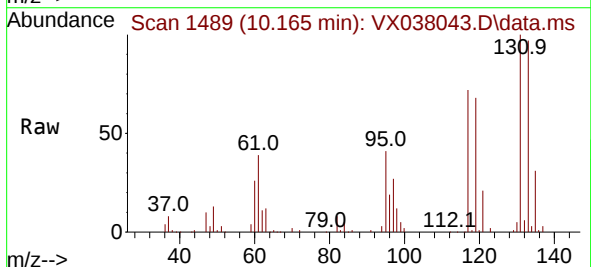
Manual Integrations
APPROVED

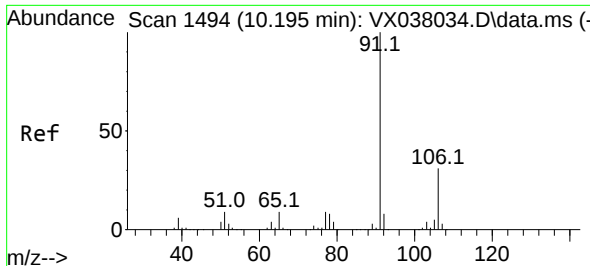
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.980 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion:131 Resp: 31586
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 68.0 32.2 96.6





#67

Ethyl Benzene

Concen: 20.905 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 16978

Ion Ratio Lower Upper

91 100

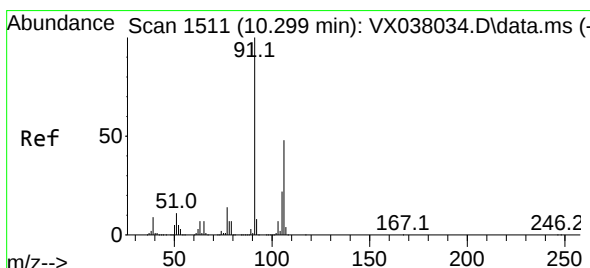
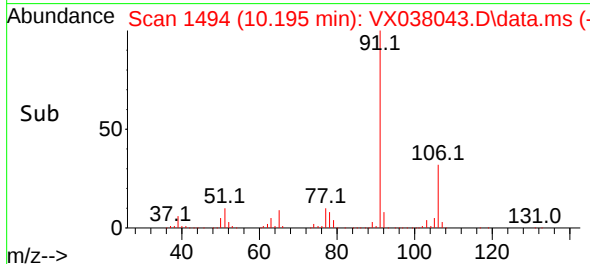
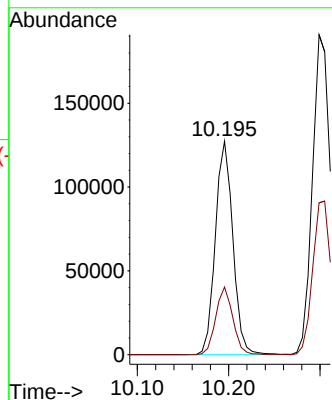
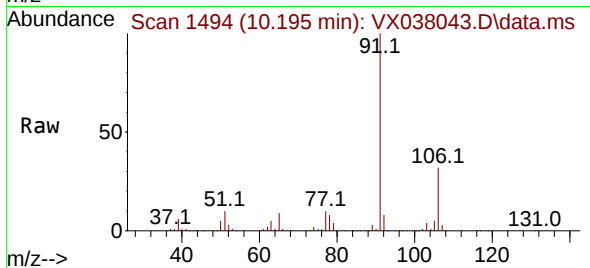
106 31.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#68

m/p-Xylenes

Concen: 41.988 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX038043.D

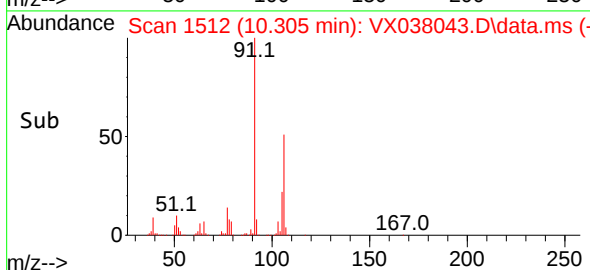
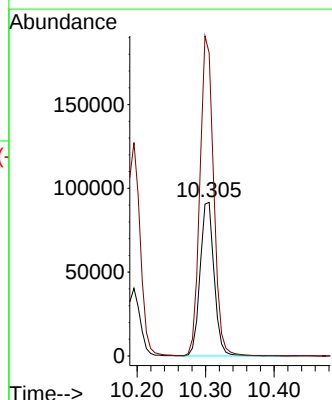
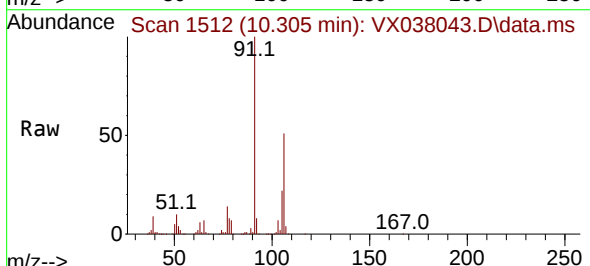
Acq: 03 Oct 2023 16:56

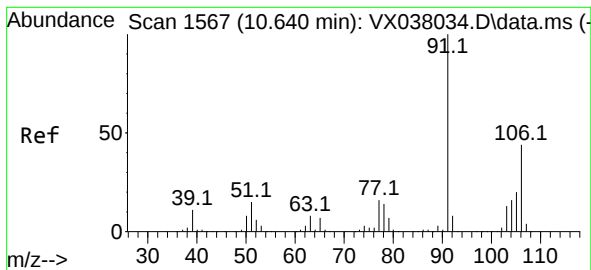
Tgt Ion:106 Resp: 130598

Ion Ratio Lower Upper

106 100

91 204.4 165.5 248.3





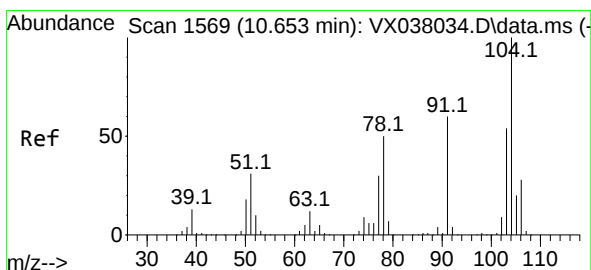
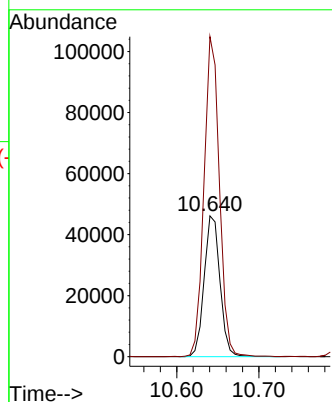
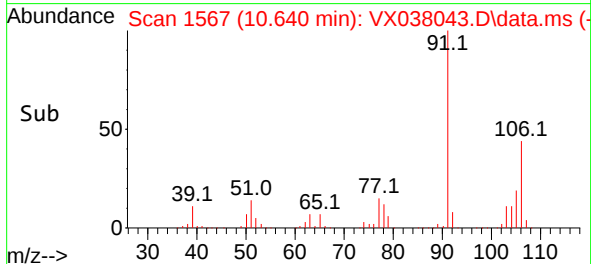
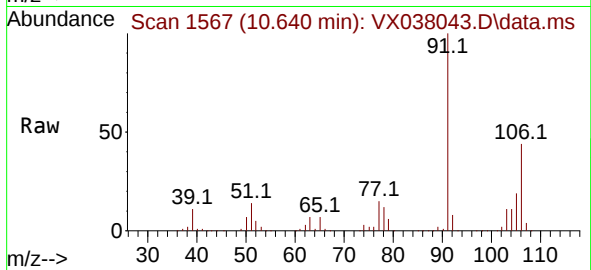
#69
o-Xylene
Concen: 20.882 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 61680
Ion Ratio Lower Upper
106 100
91 221.2 108.9 326.8

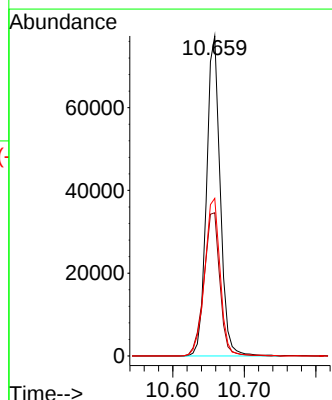
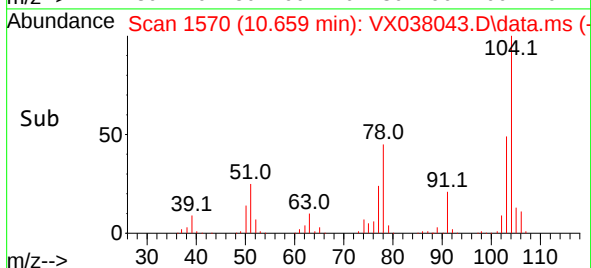
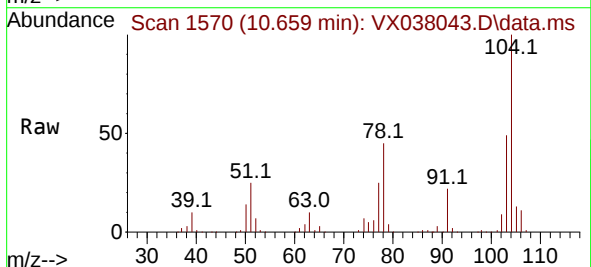
Manual Integrations
APPROVED

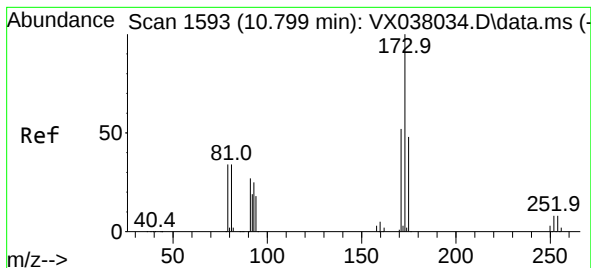
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#70
Styrene
Concen: 21.072 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion:104 Resp: 102803
Ion Ratio Lower Upper
104 100
78 52.1 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 20.159 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 23072

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.4

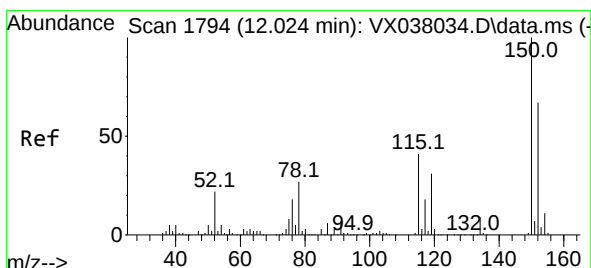
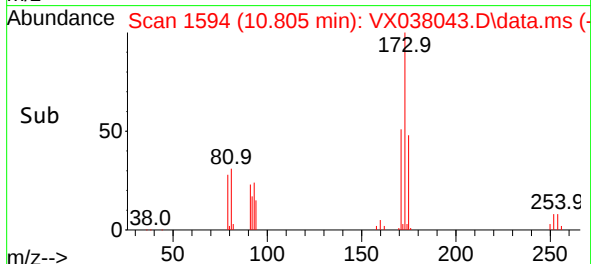
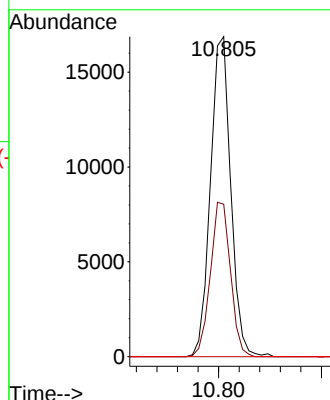
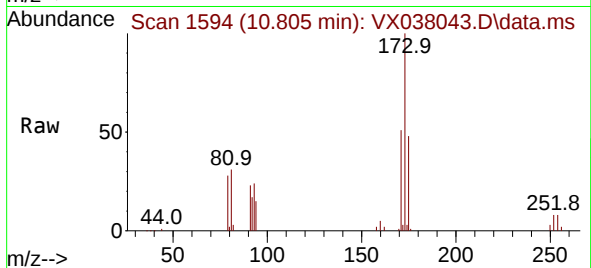
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

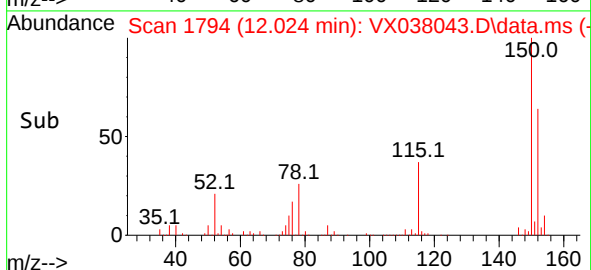
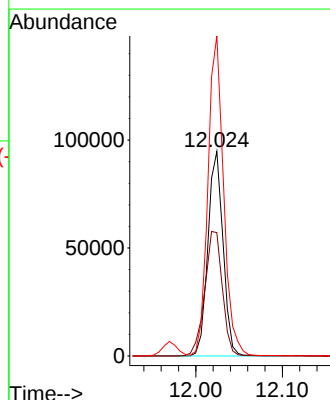
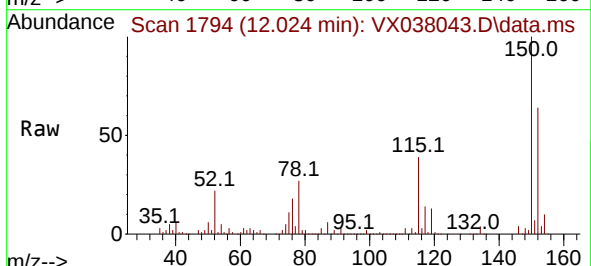
Tgt Ion:152 Resp: 114923

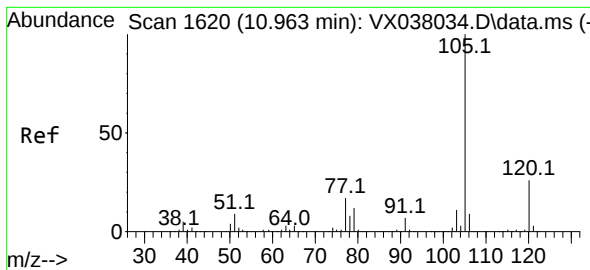
Ion Ratio Lower Upper

152 100

115 71.0 43.3 129.9

150 161.5 0.0 345.0





#73

Isopropylbenzene

Concen: 21.068 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 16431

Ion Ratio Lower Upper

105 100

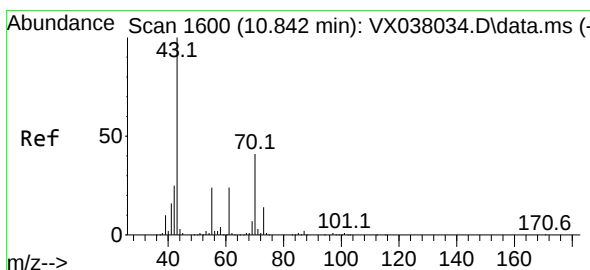
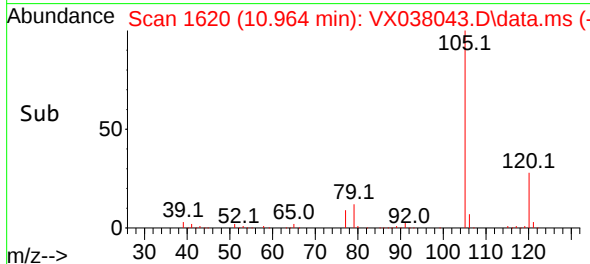
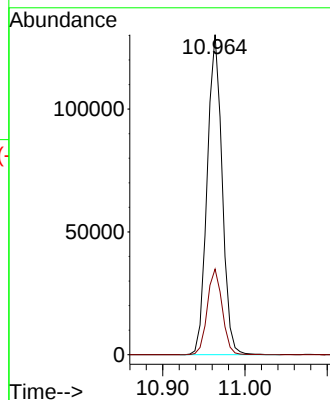
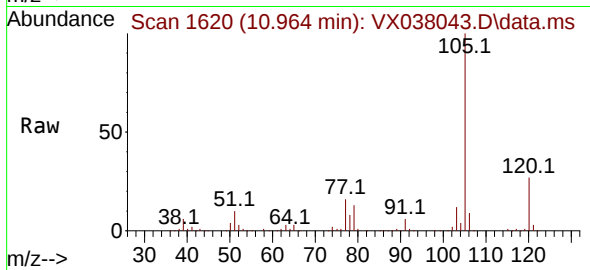
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#74

N-ethyl acetate

Concen: 21.694 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Tgt Ion: 43 Resp: 76147

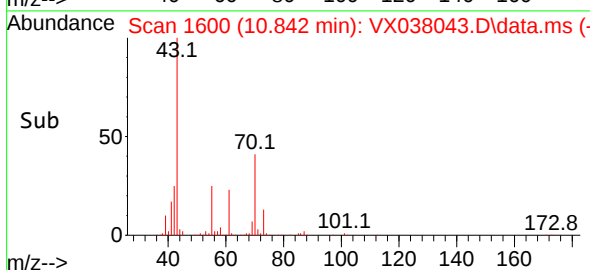
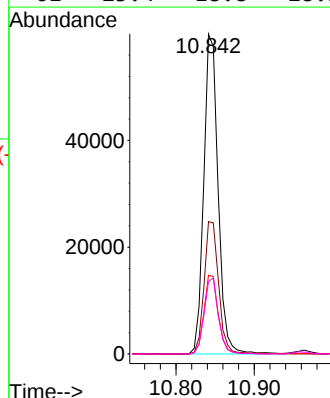
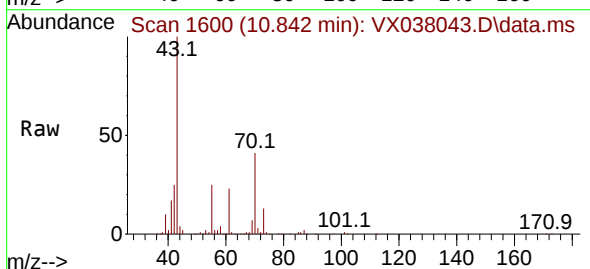
Ion Ratio Lower Upper

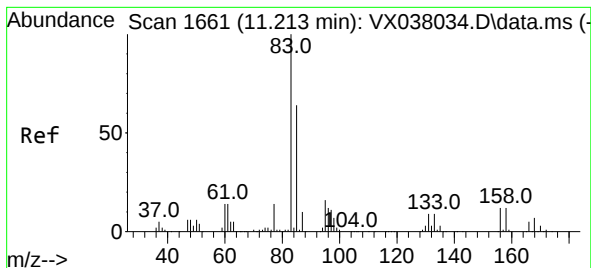
43 100

70 41.6 32.9 49.3

55 24.7 19.3 28.9

61 23.4 18.8 28.2





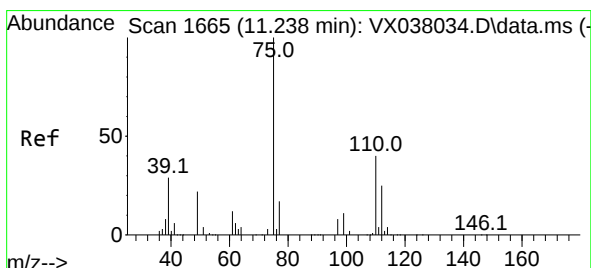
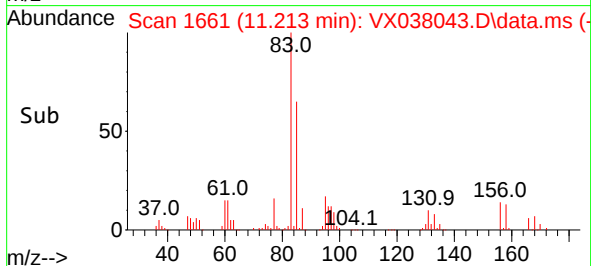
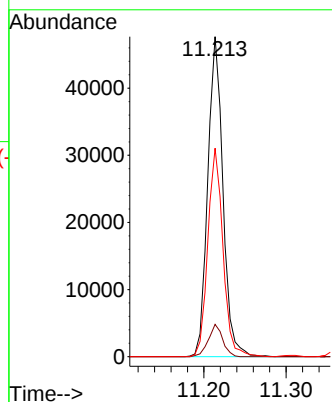
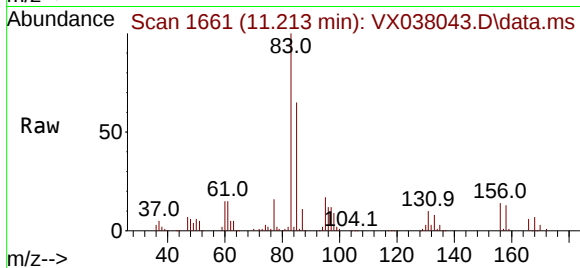
#75
1,1,2,2-Tetrachloroethane
Concen: 20.912 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 61048
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 65.0 32.0 96.2

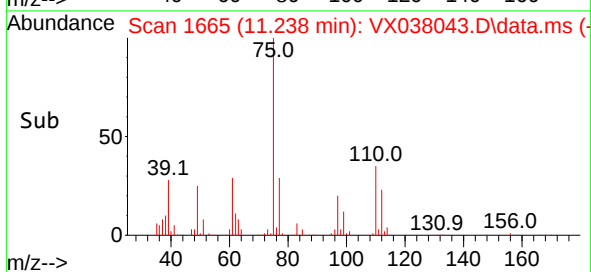
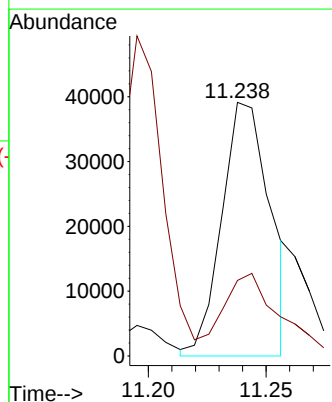
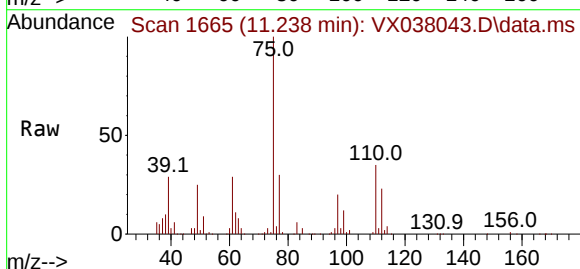
Manual Integrations
APPROVED

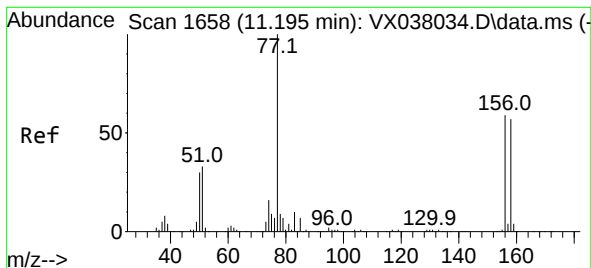
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#76
1,2,3-Trichloropropane
Concen: 19.843 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 75 Resp: 55904
Ion Ratio Lower Upper
75 100
77 38.3 19.1 57.5





#77

Bromobenzene

Concen: 20.304 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:156 Resp: 38824

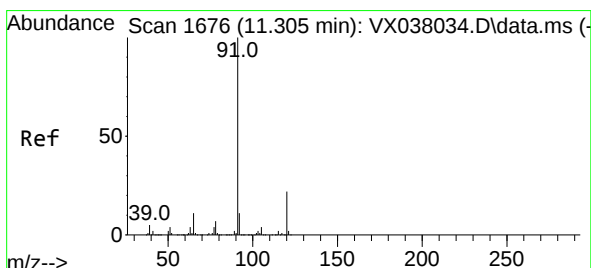
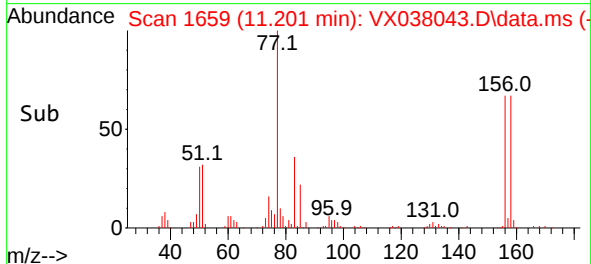
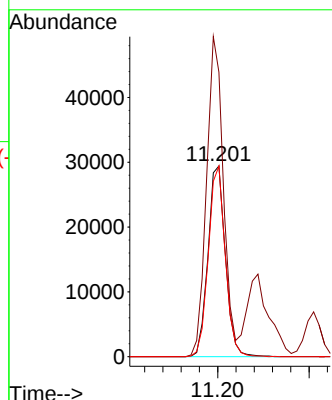
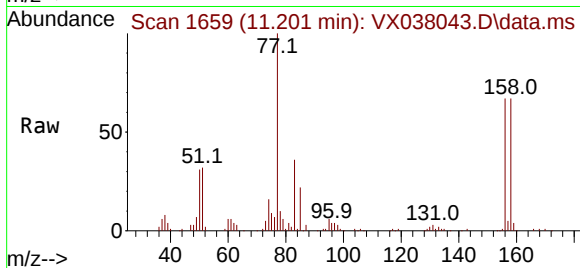
Ion	Ratio	Lower	Upper
156	100		
77	161.7	88.4	265.3
158	97.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#78

n-propylbenzene

Concen: 21.063 ug/l

RT: 11.305 min Scan# 1676

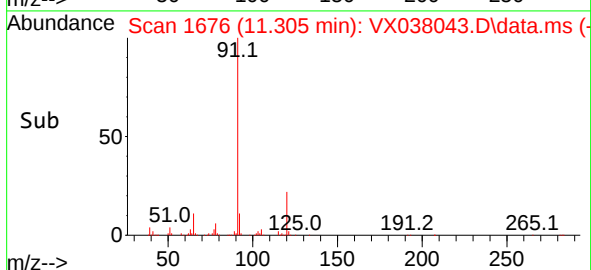
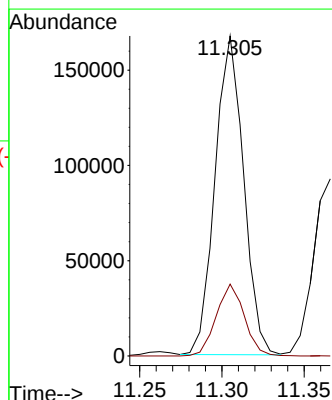
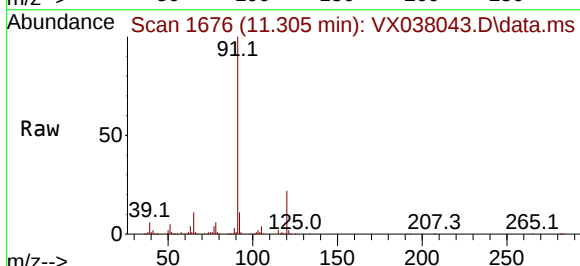
Delta R.T. 0.000 min

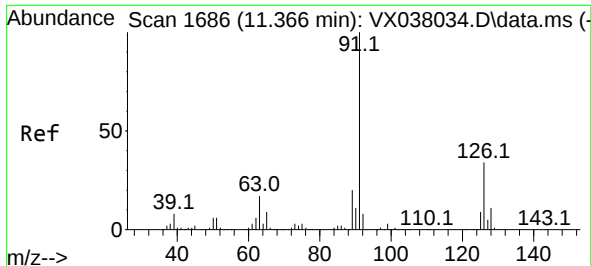
Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Tgt Ion: 91 Resp: 201857

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.433 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 11370

Ion Ratio Lower Upper

91 100

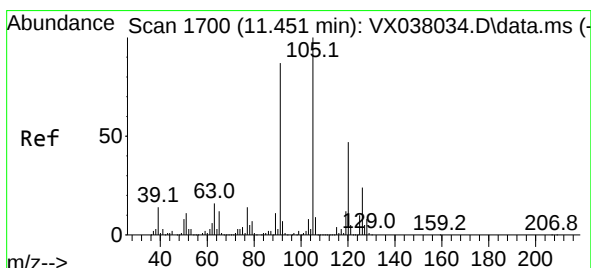
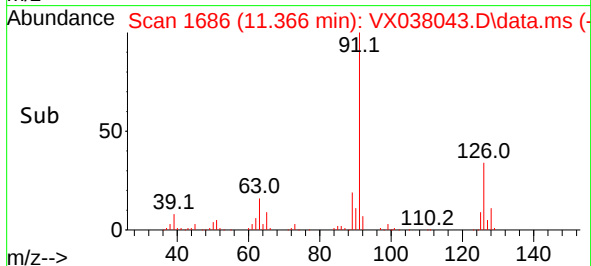
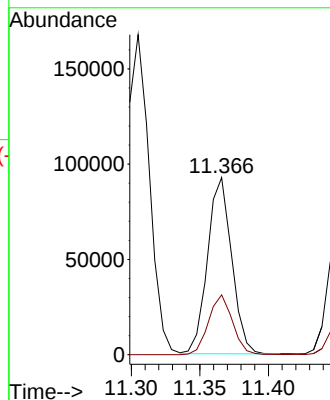
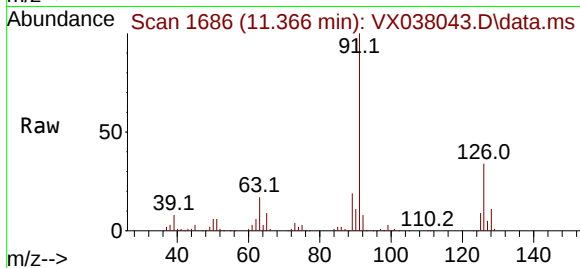
126 33.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.222 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038043.D

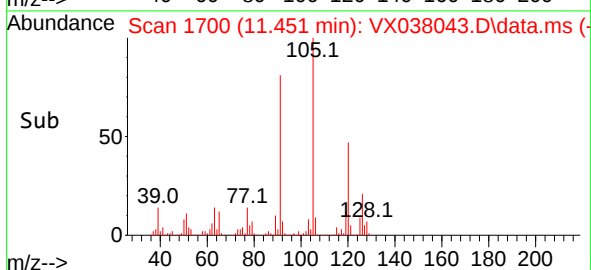
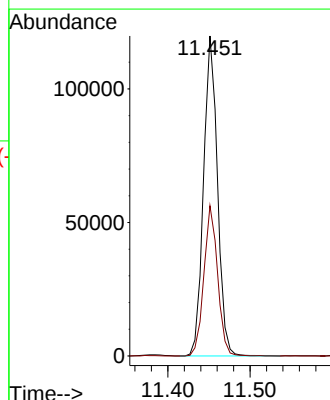
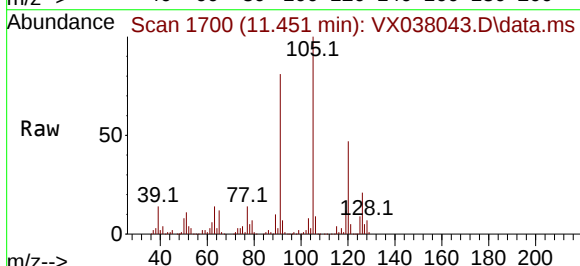
Acq: 03 Oct 2023 16:56

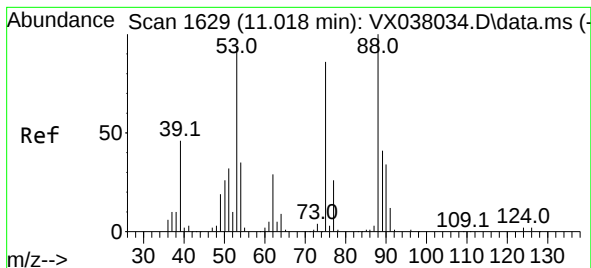
Tgt Ion:105 Resp: 140873

Ion Ratio Lower Upper

105 100

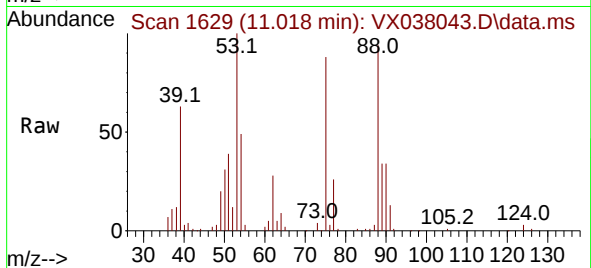
120 46.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.135 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

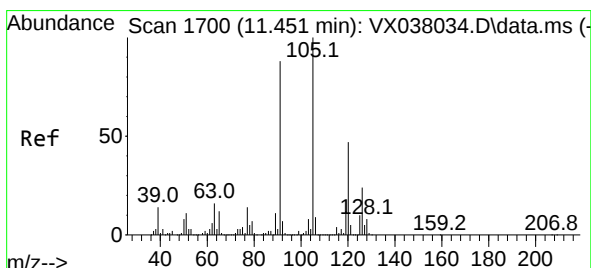
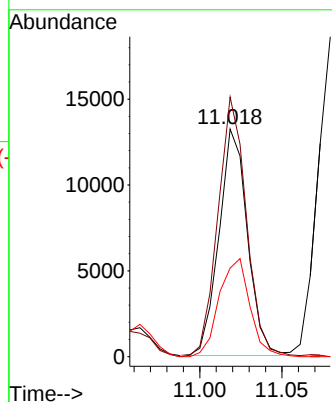
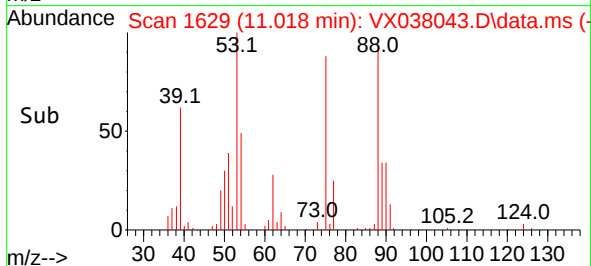
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 15872
Ion Ratio Lower Upper
75 100
53 115.4 90.5 135.7
89 46.8 36.9 55.3

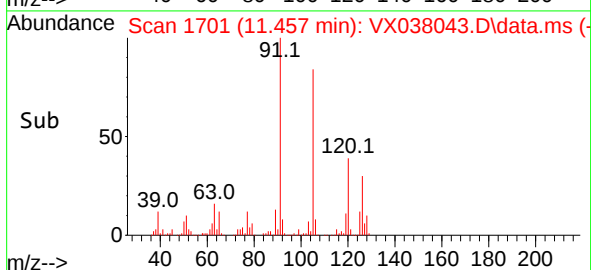
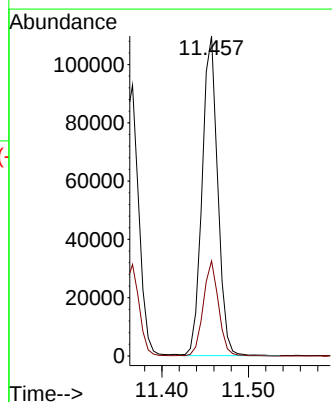
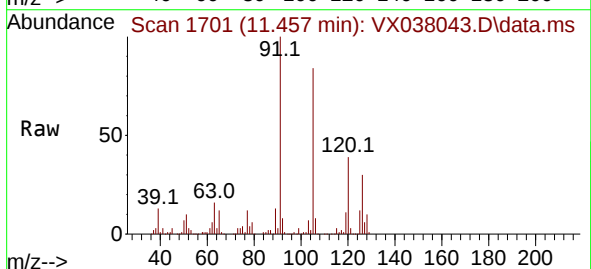
Manual Integrations
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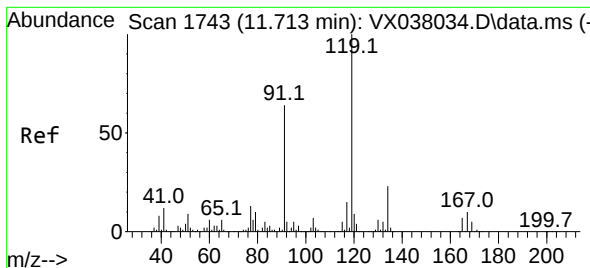
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#82
4-Chlorotoluene
Concen: 20.476 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion: 91 Resp: 137334
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.271 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 14036

Ion Ratio Lower Upper

119 100

91 58.5 31.2 93.6

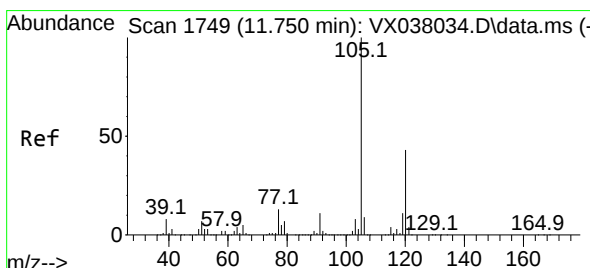
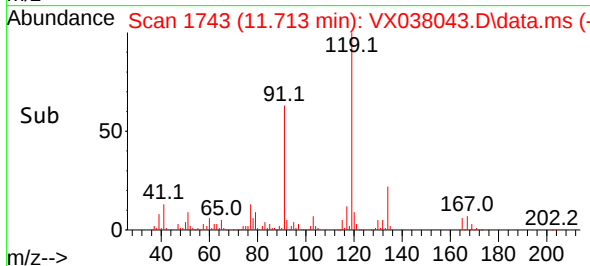
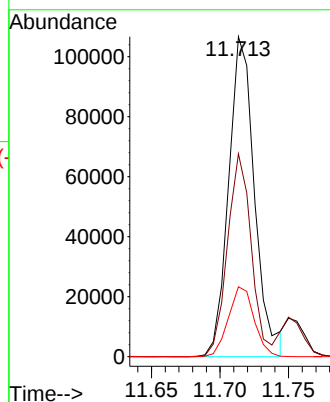
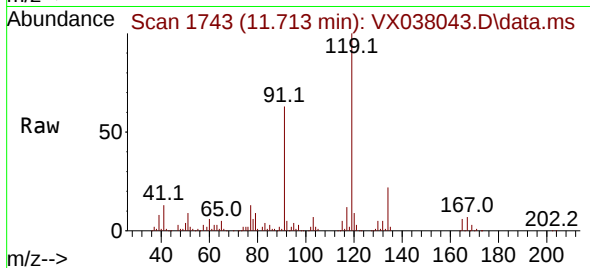
134 21.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.932 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038043.D

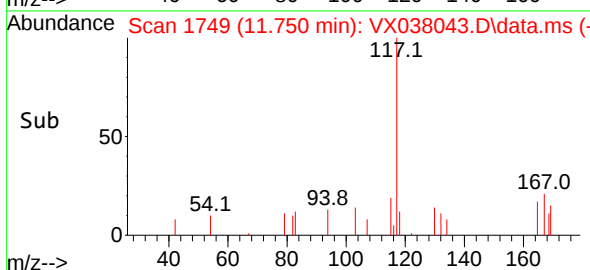
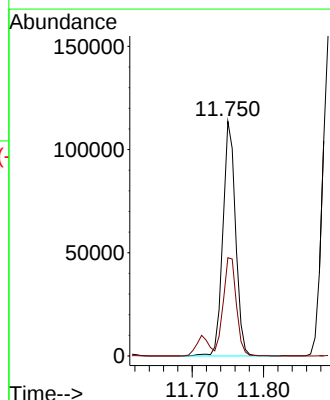
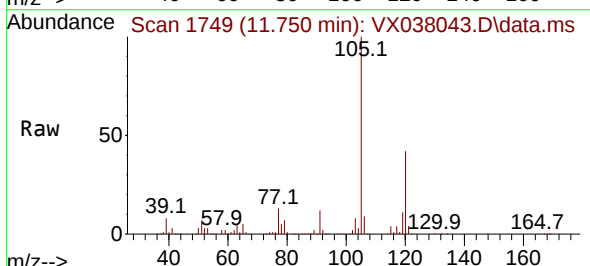
Acq: 03 Oct 2023 16:56

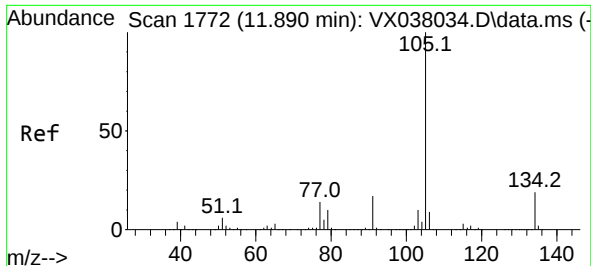
Tgt Ion:105 Resp: 140135

Ion Ratio Lower Upper

105 100

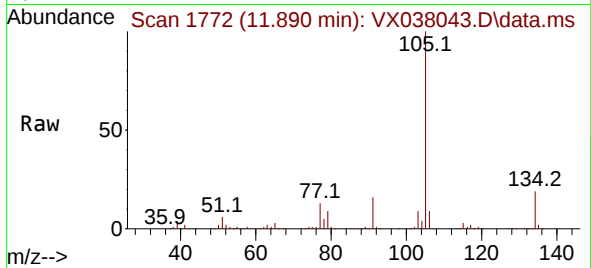
120 43.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 21.163 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038043.D
 Acq: 03 Oct 2023 16:56

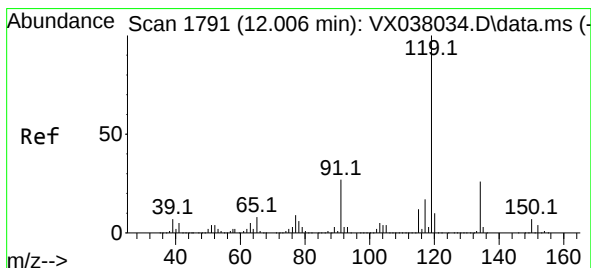
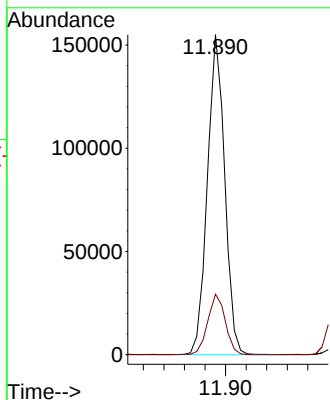
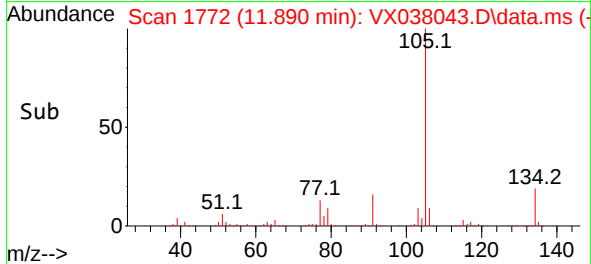
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



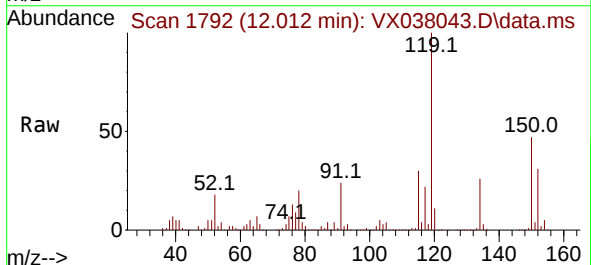
Tgt Ion:105 Resp: 18111
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

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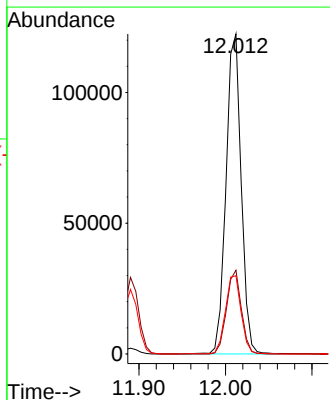
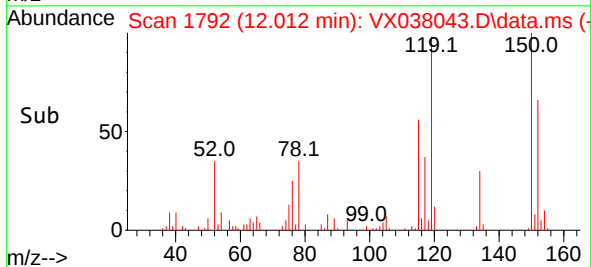
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

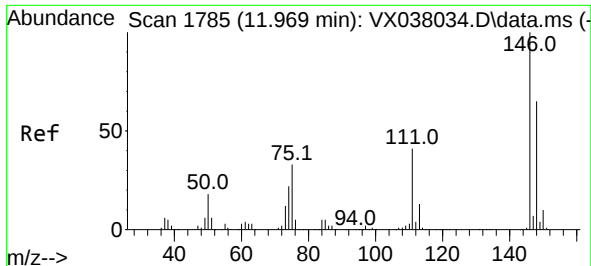


#86
 p-Isopropyltoluene
 Concen: 21.192 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038043.D
 Acq: 03 Oct 2023 16:56



Tgt Ion:119 Resp: 148525
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.787 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 7586

Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.1

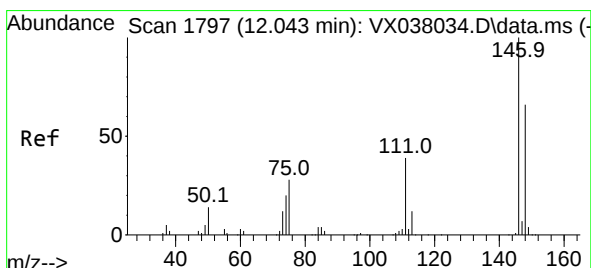
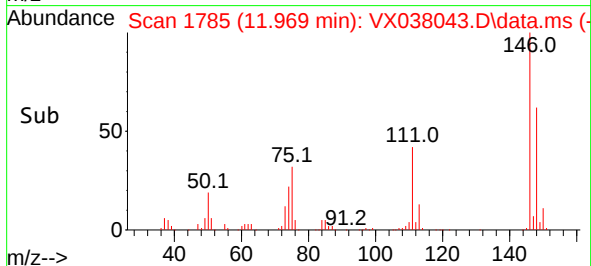
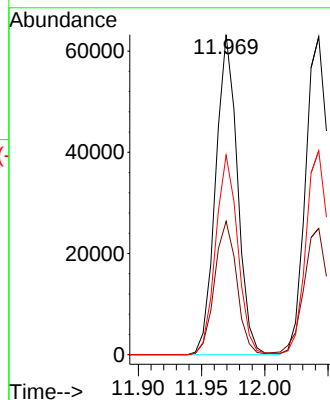
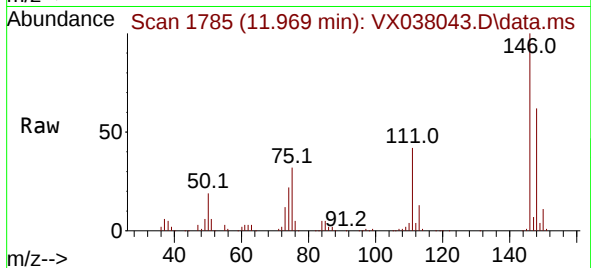
148 63.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#88

1,4-Dichlorobenzene

Concen: 20.472 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

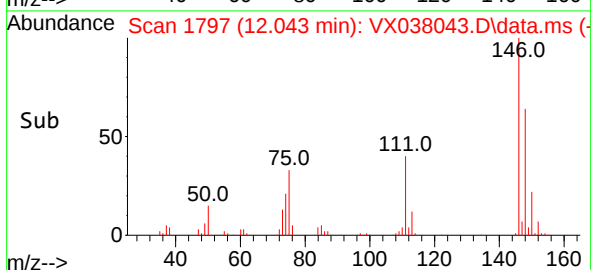
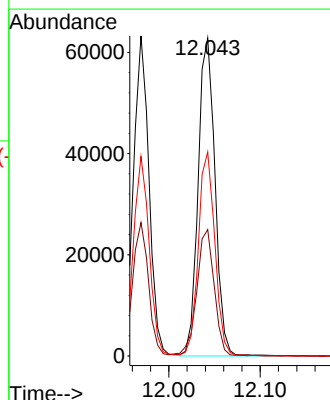
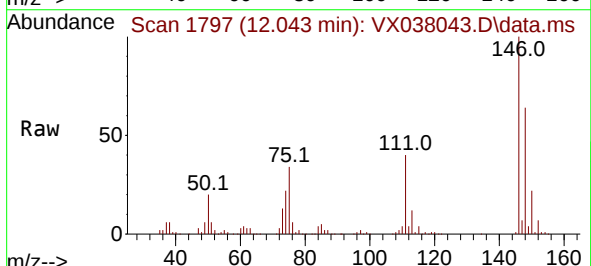
Tgt Ion:146 Resp: 80677

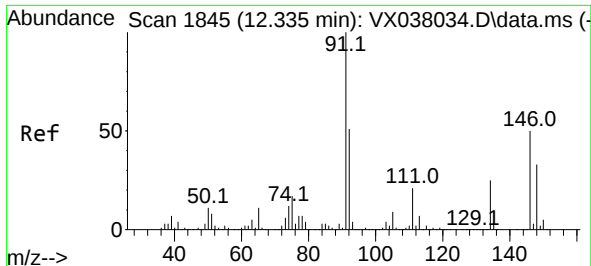
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

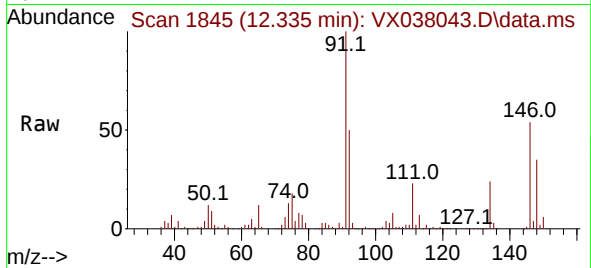
148 62.9 31.8 95.4





#89
n-Butylbenzene
Concen: 21.017 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

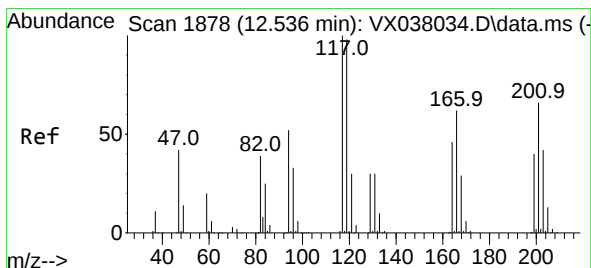
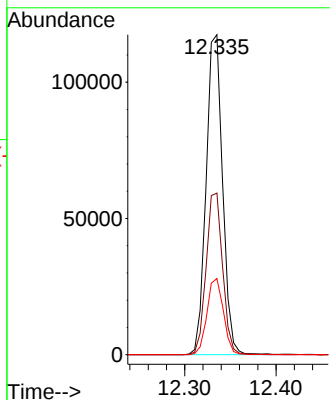
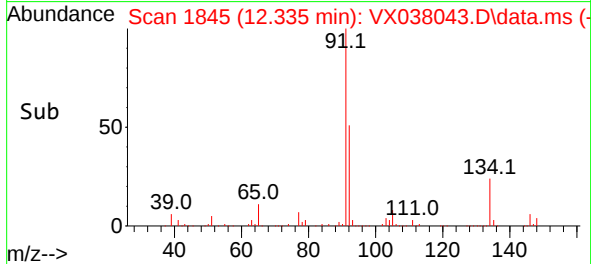
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 14700
Ion Ratio Lower Upper
91 100
92 50.6 27.4 82.0
134 23.8 12.6 37.8

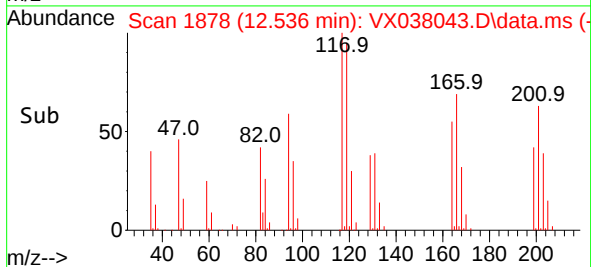
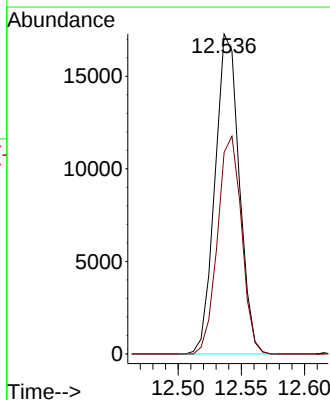
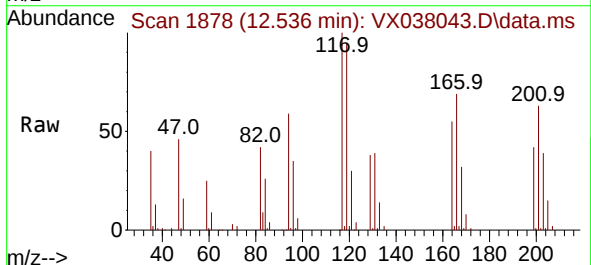
Manual Integrations
APPROVED

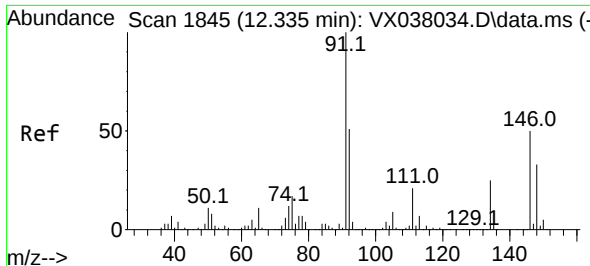
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#90
Hexachloroethane
Concen: 20.095 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Tgt Ion:117 Resp: 22954
Ion Ratio Lower Upper
117 100
201 67.7 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 20.726 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 75620

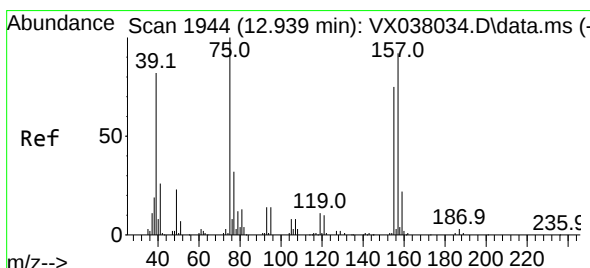
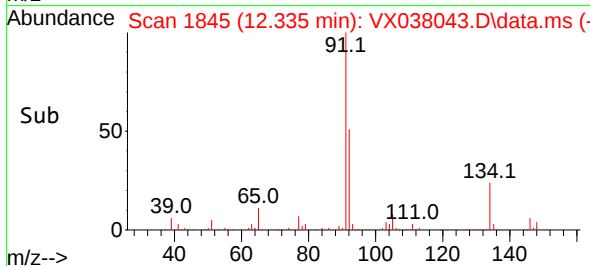
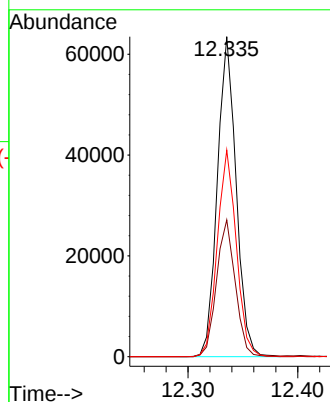
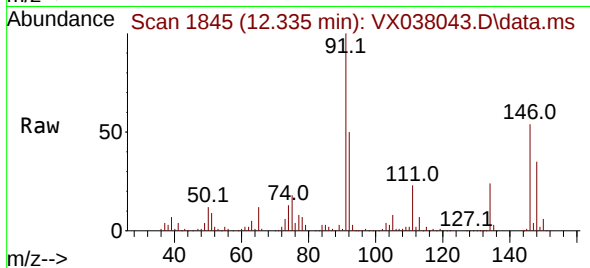
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.4	67.0
148	65.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.017 ug/l

RT: 12.945 min Scan# 1945

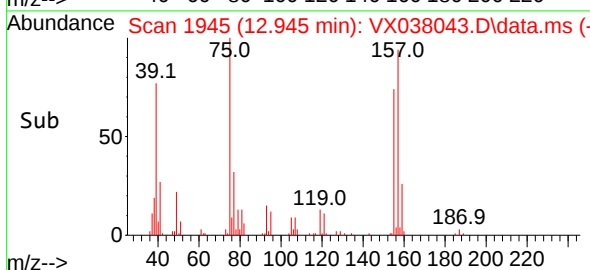
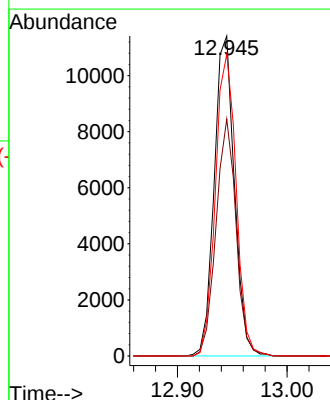
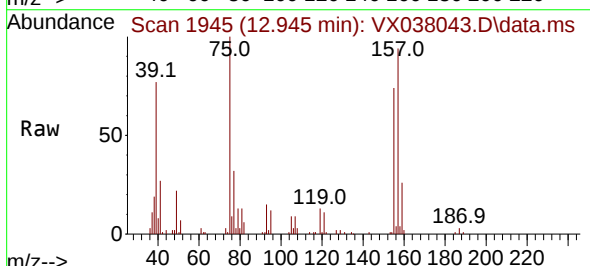
Delta R.T. 0.006 min

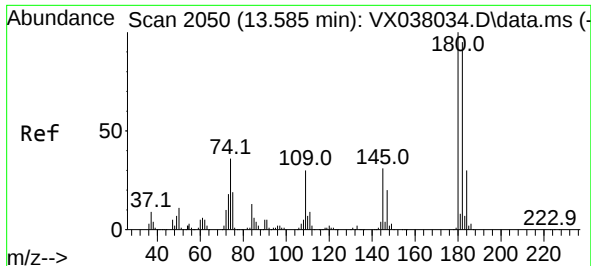
Lab File: VX038043.D

Acq: 03 Oct 2023 16:56

Tgt Ion: 75 Resp: 14627

Ion	Ratio	Lower	Upper
75	100		
155	73.3	36.1	108.5
157	96.9	44.9	134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.741 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

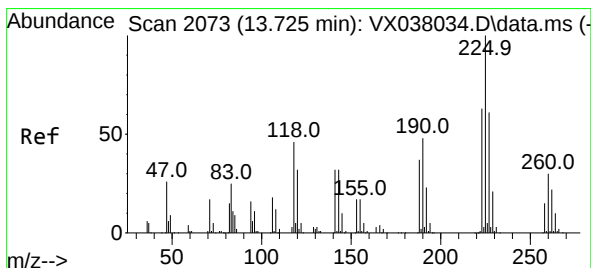
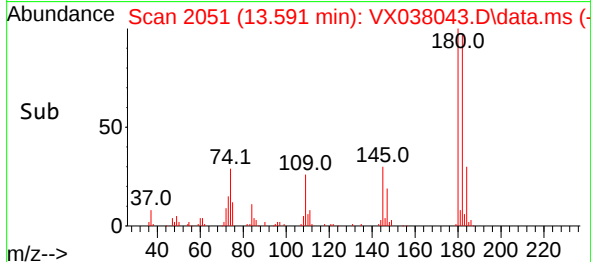
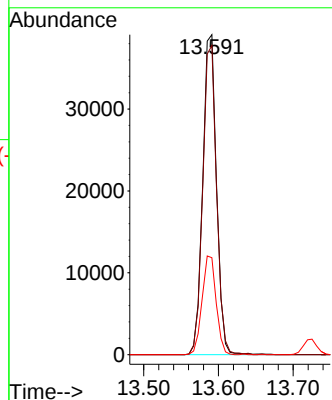
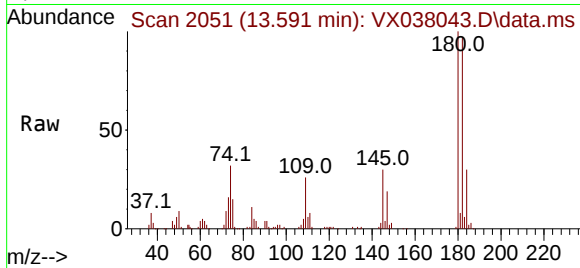
Tgt Ion:180 Resp: 49960
Ion Ratio Lower Upper
180 100
182 96.9 48.3 144.8
145 31.5 18.0 54.0

Manual Integrations

APPROVED

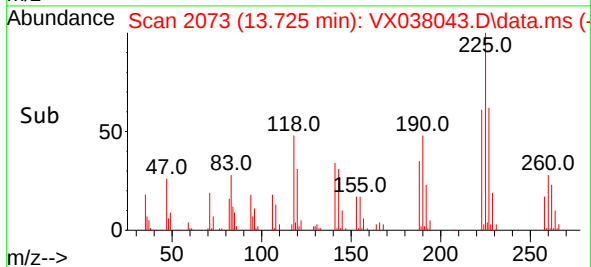
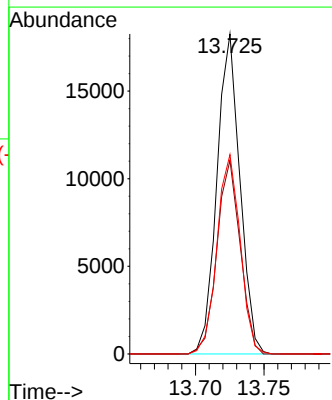
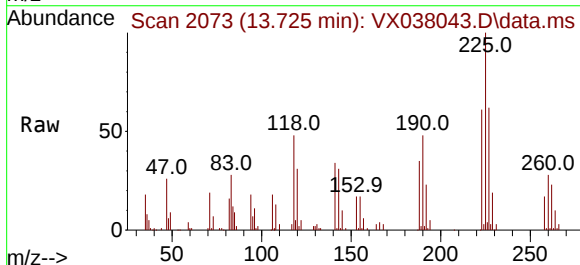
Reviewed By :John Carlone 10/04/2023

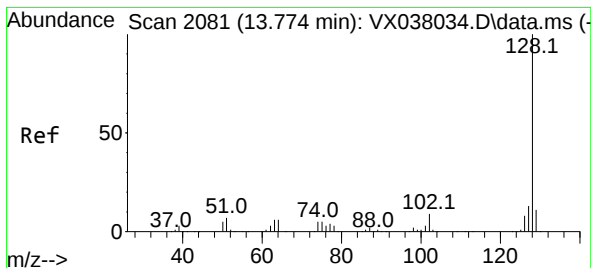
Supervised By :Semsettin Yesilyurt 10/04/2023



#94
Hexachlorobutadiene
Concen: 19.730 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

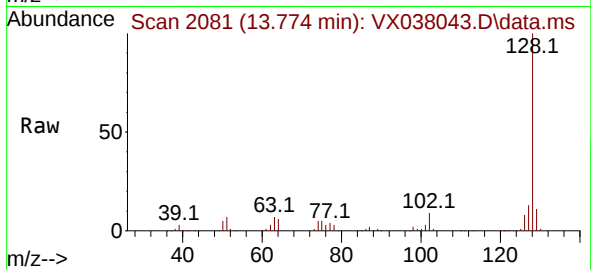
Tgt Ion:225 Resp: 21309
Ion Ratio Lower Upper
225 100
223 61.0 31.1 93.2
227 62.7 32.5 97.5





#95
Naphthalene
Concen: 20.942 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56

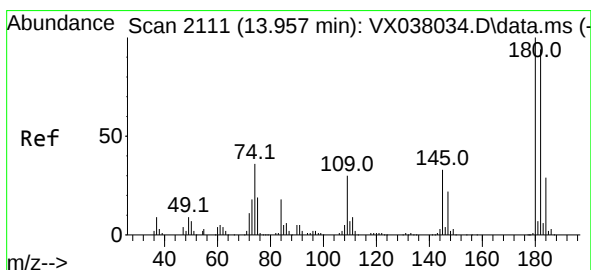
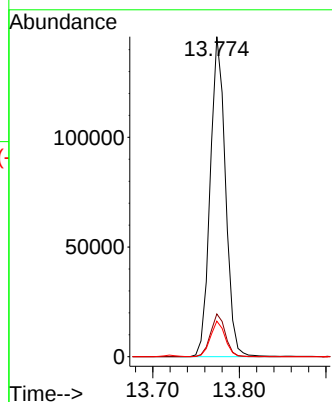
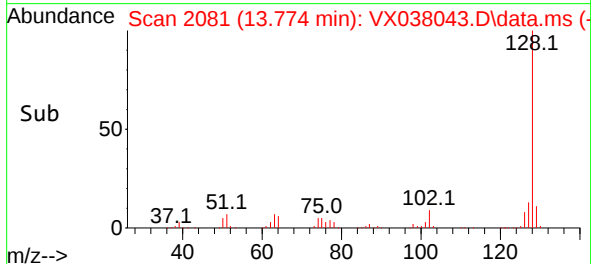
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



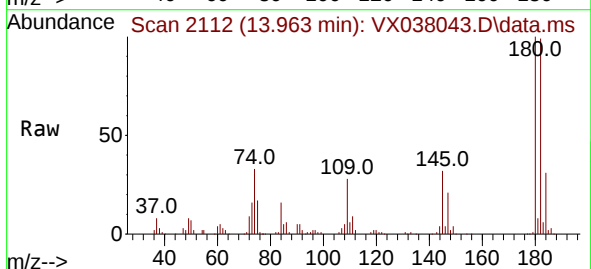
Tgt Ion:128 Resp: 17867
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.901 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038043.D
Acq: 03 Oct 2023 16:56



Tgt Ion:180 Resp: 48713
Ion Ratio Lower Upper
180 100
182 98.5 46.9 140.6
145 33.7 17.8 53.5

