

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038370.D
 Acq On : 19 Oct 2023 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 03:34:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107949	47.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.060%		
35) Dibromofluoromethane	5.379	113	87961	50.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.400%		
50) Toluene-d8	8.647	98	332300	50.127	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.260%		
62) 4-Bromofluorobenzene	11.079	95	132727	52.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	71895	52.198	ug/l	99
3) Chloromethane	1.295	50	67242	47.899	ug/l	99
4) Vinyl Chloride	1.374	62	83044	53.354	ug/l	99
5) Bromomethane	1.593	94	111983	54.863	ug/l	98
6) Chloroethane	1.685	64	62427	54.391	ug/l	97
7) Trichlorofluoromethane	1.886	101	168433	54.786	ug/l	98
8) Diethyl Ether	2.130	74	58852	51.328	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	71910	53.579	ug/l	97
10) Methyl Iodide	2.453	142	90595	46.914	ug/l	93
11) Tert butyl alcohol	2.953	59	108522	212.538	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	67335	51.577	ug/l	85
13) Acrolein	2.233	56	47814	146.544	ug/l	99
14) Allyl chloride	2.660	41	109400	46.849	ug/l #	92
15) Acrylonitrile	3.056	53	245875	235.408	ug/l	99
16) Acetone	2.374	43	277391	289.592	ug/l	94
17) Carbon Disulfide	2.508	76	171895	45.683	ug/l	100
18) Methyl Acetate	2.697	43	197450	48.068	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	251950	48.457	ug/l	99
20) Methylene Chloride	2.788	84	79576	44.166	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	80890	50.042	ug/l	91
22) Diisopropyl ether	3.758	45	247600	50.592	ug/l	90
23) Vinyl Acetate	3.715	43	910120	253.582	ug/l	96
24) 1,1-Dichloroethane	3.605	63	143193	48.211	ug/l	99
25) 2-Butanone	4.544	43	385112	249.183	ug/l	93
26) 2,2-Dichloropropane	4.471	77	122045	52.630	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	98225	51.023	ug/l	91
28) Bromochloromethane	4.891	49	63061	47.033	ug/l	84
29) Tetrahydrofuran	4.995	42	235272	233.819	ug/l	88
30) Chloroform	5.093	83	170853	52.604	ug/l	100
31) Cyclohexane	5.465	56	128377	51.627	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	145612	52.342	ug/l	99
36) 1,1-Dichloropropene	5.690	75	122440	51.182	ug/l	98
37) Ethyl Acetate	4.702	43	138337	48.691	ug/l	98
38) Carbon Tetrachloride	5.672	117	125788	53.450	ug/l	99
39) Methylcyclohexane	7.379	83	151174	53.950	ug/l	92
40) Benzene	6.032	78	351786	52.576	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	71621	50.674	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	135069	50.525	ug/l	98
43) Isopropyl Acetate	6.336	43	213449	50.326	ug/l	97
44) Trichloroethene	7.123	130	97041	55.451	ug/l	99
45) 1,2-Dichloropropane	7.428	63	91690	52.946	ug/l	95
46) Dibromomethane	7.580	93	71574	53.289	ug/l	97
47) Bromodichloromethane	7.818	83	135474	56.699	ug/l	100
48) Methyl methacrylate	7.690	41	105048	51.882	ug/l #	84
49) 1,4-Dioxane	7.653	88	43152	864.870	ug/l #	89
51) 4-Methyl-2-Pentanone	8.568	43	774933	264.889	ug/l	97
52) Toluene	8.714	92	238190	54.649	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	146354	57.064	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	152730	56.679	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	102509	54.985	ug/l	95
56) Ethyl methacrylate	9.116	69	154886	54.187	ug/l	92
57) 1,3-Dichloropropane	9.305	76	164540	54.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	333008	237.345	ug/l	99
59) 2-Hexanone	9.427	43	642985	273.391	ug/l	95
60) Dibromochloromethane	9.519	129	107548	58.944	ug/l	99
61) 1,2-Dibromoethane	9.610	107	112386	55.746	ug/l	100
64) Tetrachloroethene	9.269	164	86092	55.123	ug/l	98
65) Chlorobenzene	10.080	112	267111	52.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	98514	57.707	ug/l	100
67) Ethyl Benzene	10.195	91	482125	53.502	ug/l	99
68) m/p-Xylenes	10.299	106	382800	109.862	ug/l	98
69) o-Xylene	10.640	106	181398	53.341	ug/l	100
70) Styrene	10.653	104	309664	55.914	ug/l	96
71) Bromoform	10.799	173	81971	51.659	ug/l #	100
73) Isopropylbenzene	10.964	105	495057	52.008	ug/l	99
74) N-amyl acetate	10.842	43	207942	51.156	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	179738	51.459	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	167299m	51.847	ug/l	
77) Bromobenzene	11.195	156	118500	50.991	ug/l	91
78) n-propylbenzene	11.305	91	600857	51.624	ug/l	100
79) 2-Chlorotoluene	11.366	91	339614	49.201	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	431575	52.553	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	50756	46.258	ug/l	93
82) 4-Chlorotoluene	11.451	91	411476	50.377	ug/l	96
83) tert-Butylbenzene	11.713	119	423683	52.799	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	427410	52.199	ug/l	99
85) sec-Butylbenzene	11.890	105	546648	52.589	ug/l	100
86) p-Isopropyltoluene	12.006	119	459085	53.531	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	239946	51.405	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	244714	51.352	ug/l	98
89) n-Butylbenzene	12.329	91	452326	52.959	ug/l	97
90) Hexachloroethane	12.536	117	79085	55.618	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	239122	53.295	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42645	50.497	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	161376	53.625	ug/l	97
94) Hexachlorobutadiene	13.725	225	69655	57.508	ug/l	98
95) Naphthalene	13.774	128	535592	51.107	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	155894	53.501	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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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

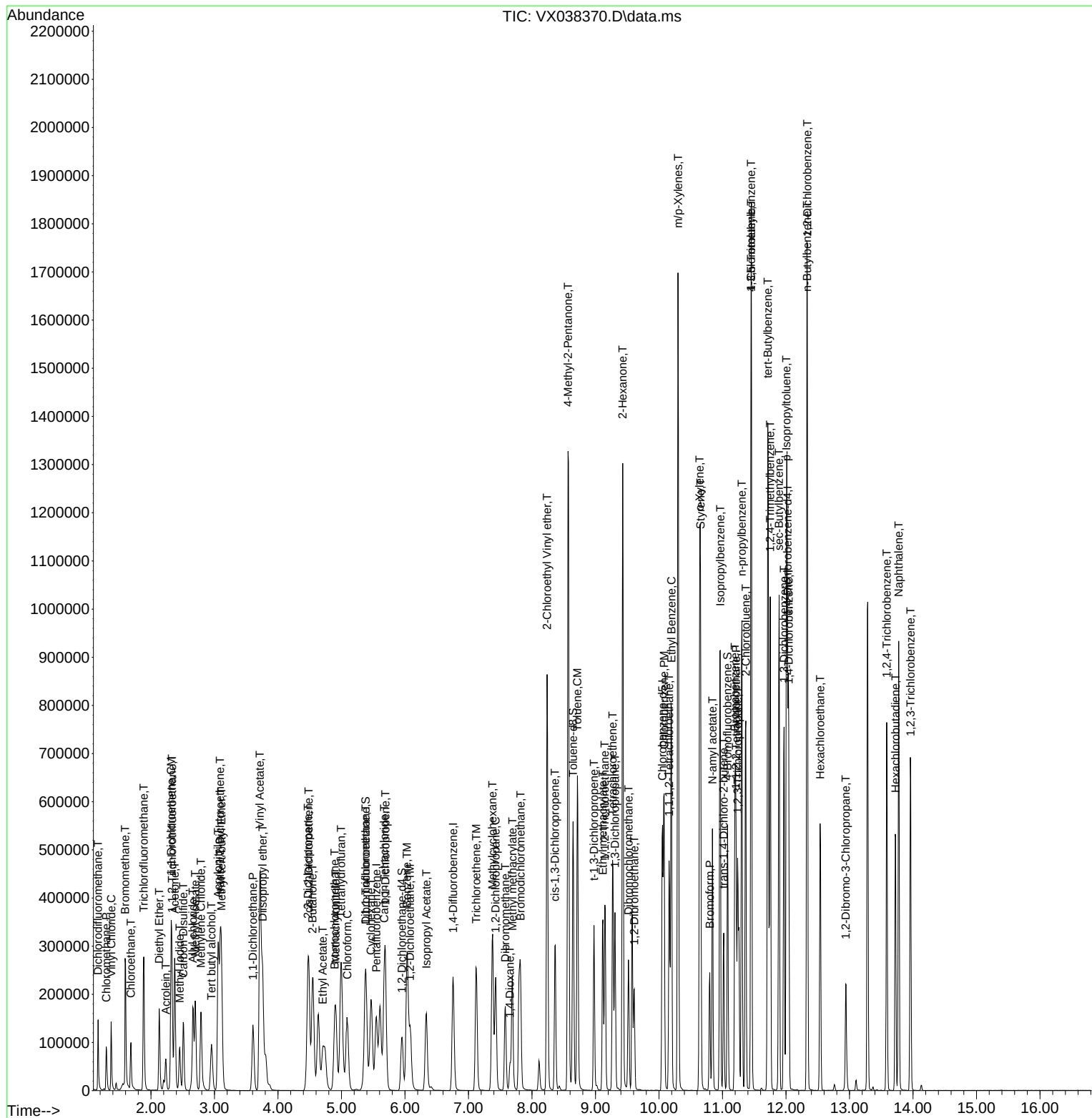
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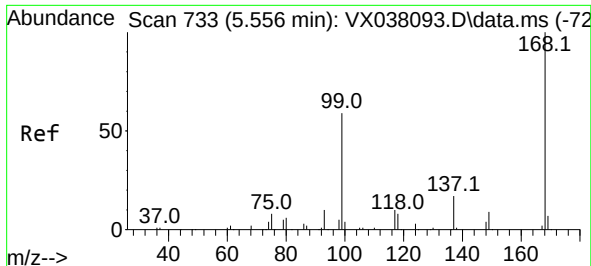
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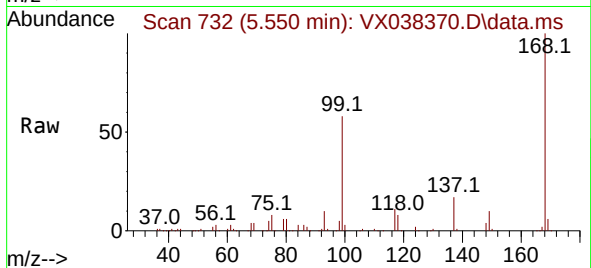
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038370.D
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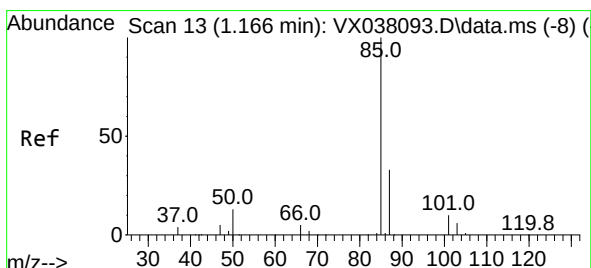
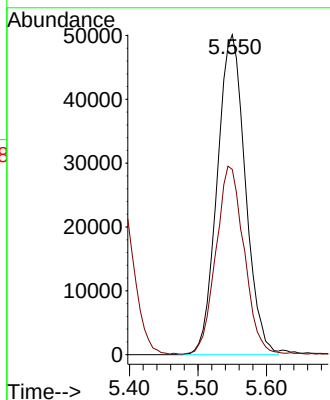
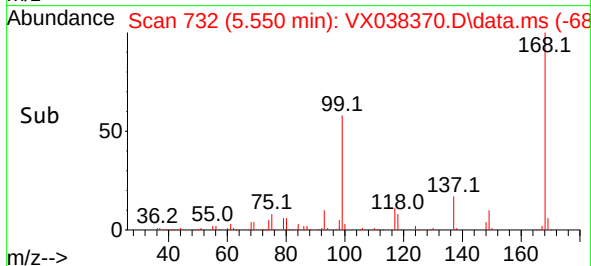
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14269
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0

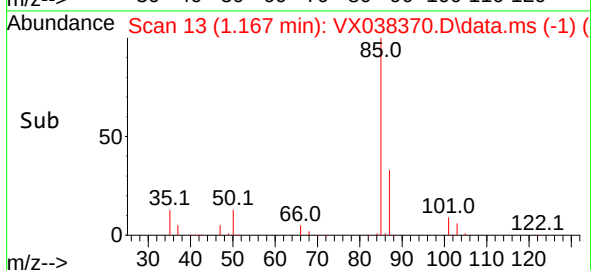
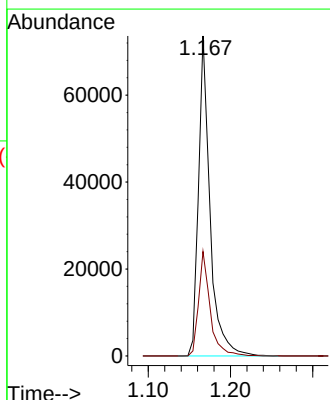
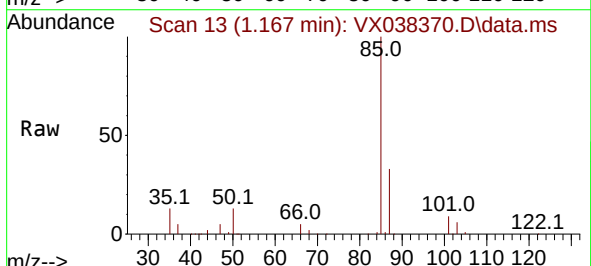
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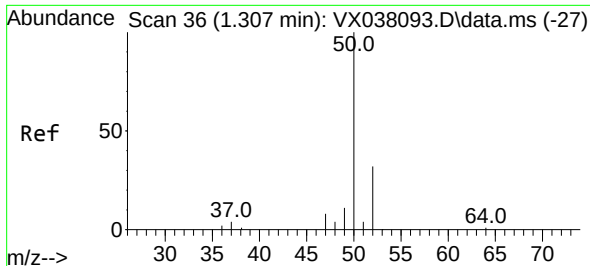
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 52.198 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 85 Resp: 71895
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





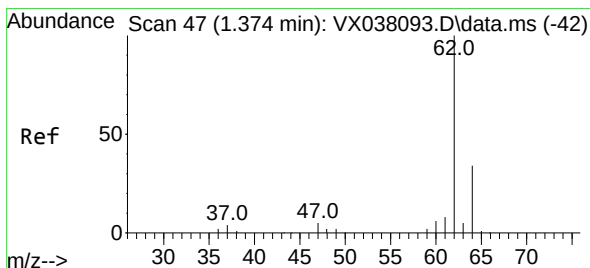
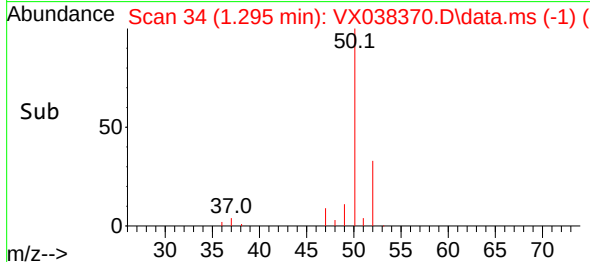
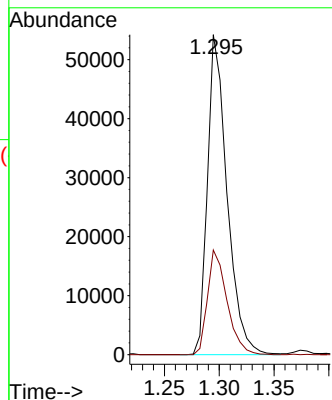
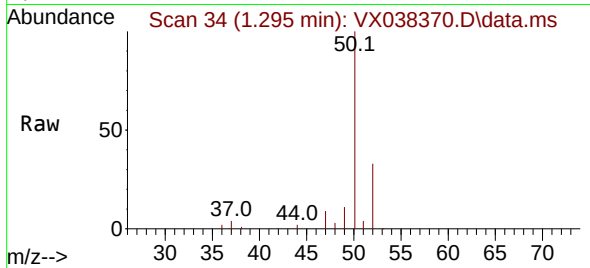
#3
Chloromethane
Concen: 47.899 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 6724
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

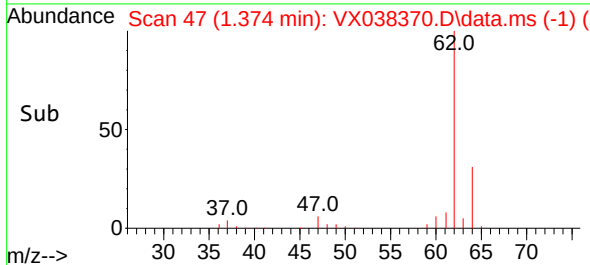
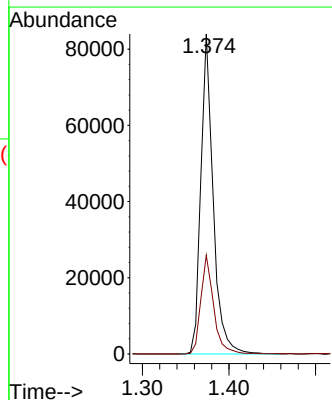
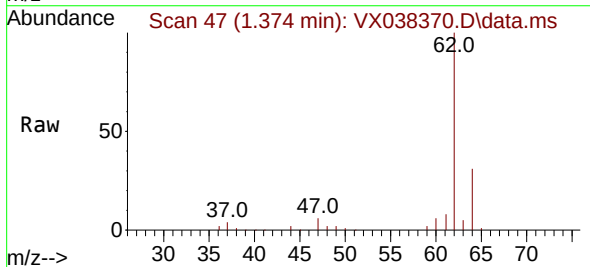
Manual Integrations
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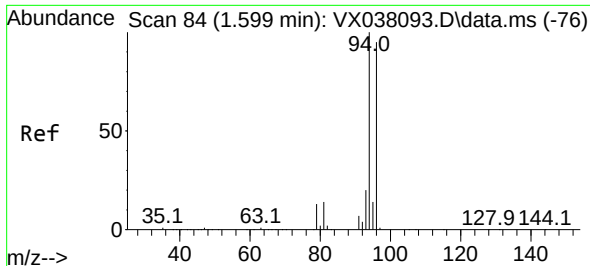
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 53.354 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

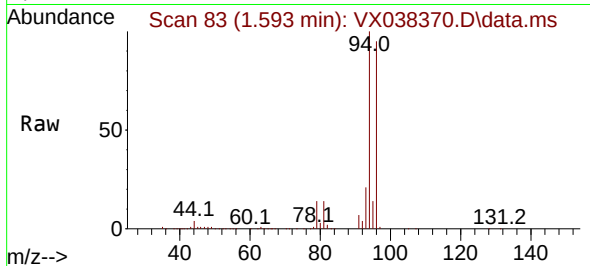
Tgt Ion: 62 Resp: 83044
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





#5
Bromomethane
Concen: 54.863 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038370.D
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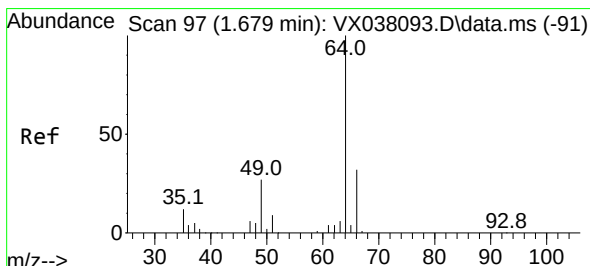
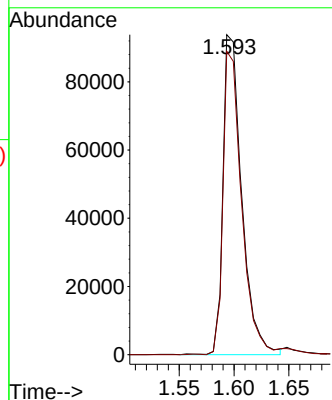
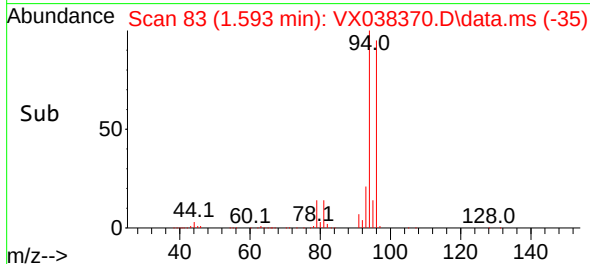
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Tgt Ion: 94 Resp: 11198
Ion Ratio Lower Upper
94 100
96 94.8 74.6 111.8

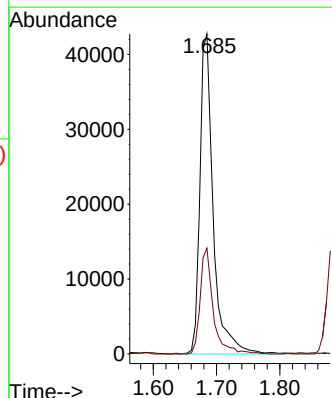
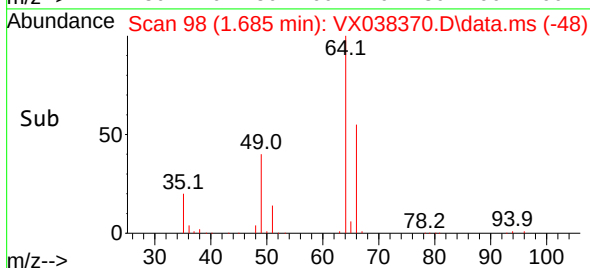
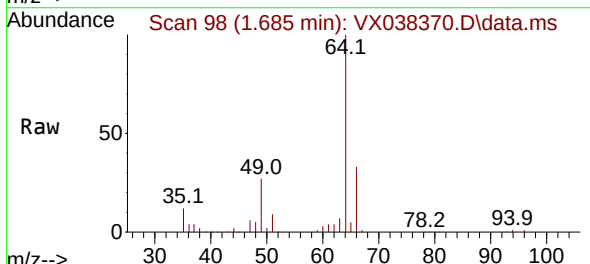
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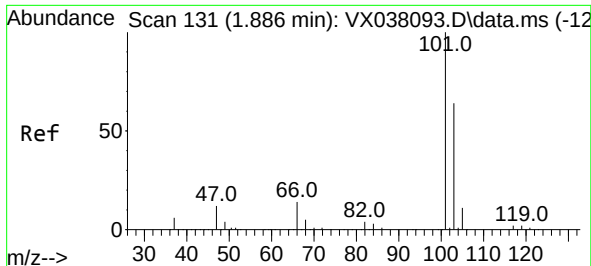
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 54.391 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038370.D
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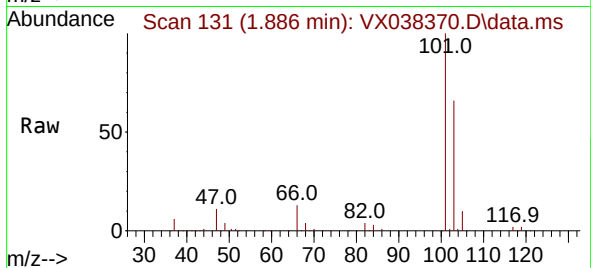
Tgt Ion: 64 Resp: 62427
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.786 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038370.D
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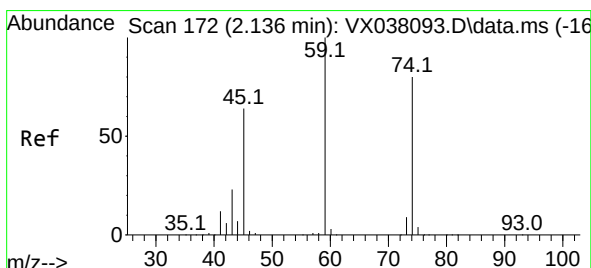
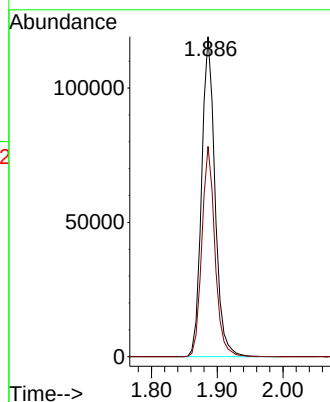
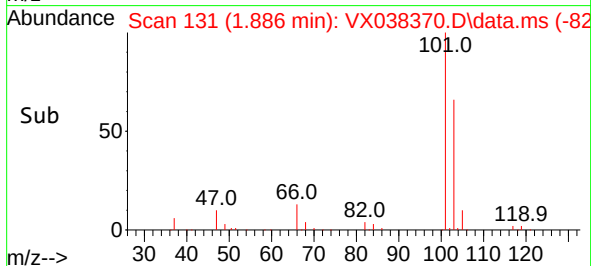
Instrument :
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Tgt Ion:101 Resp: 16843
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

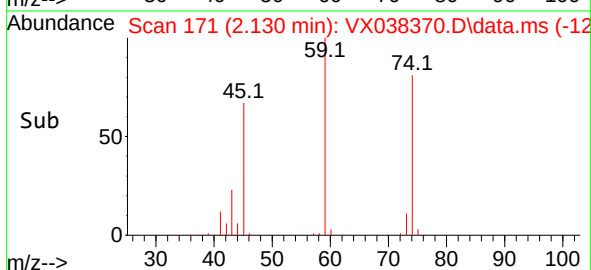
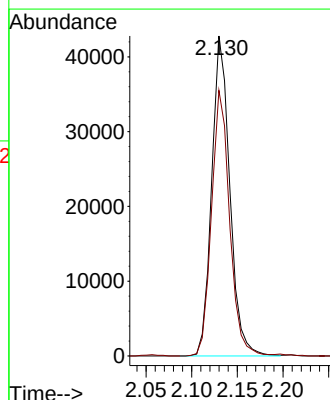
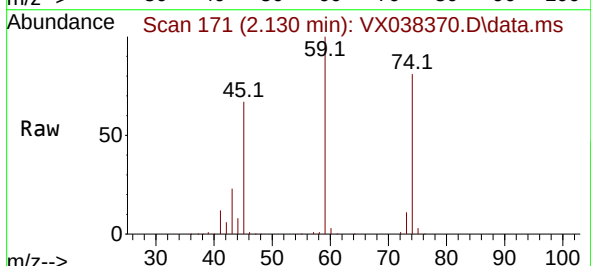
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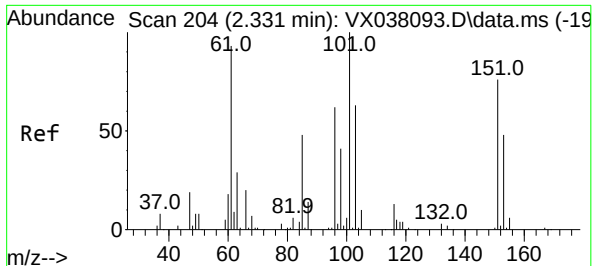
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 51.328 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 74 Resp: 58852
Ion Ratio Lower Upper
74 100
45 83.0 53.3 159.8





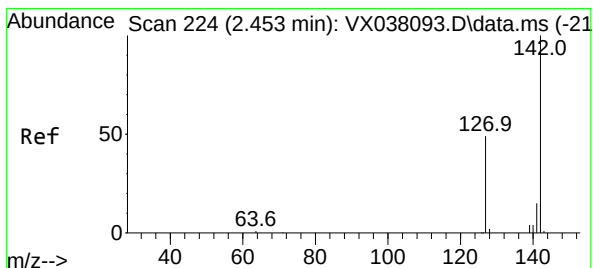
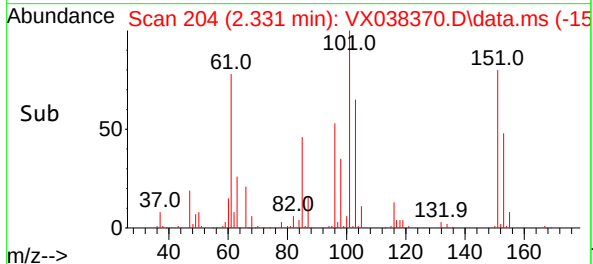
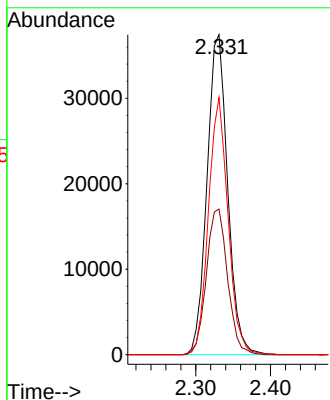
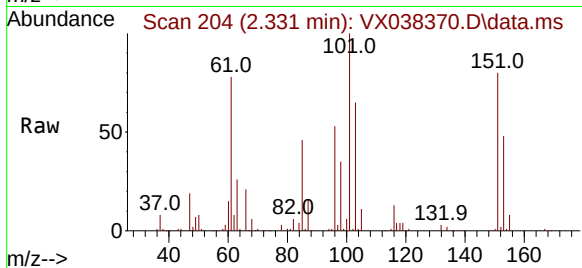
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.579 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 71910
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 76.5 58.6 87.8

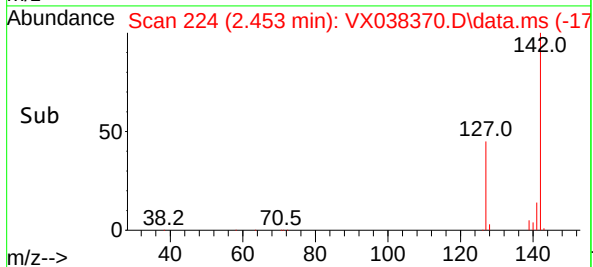
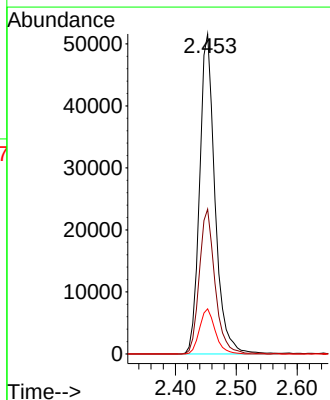
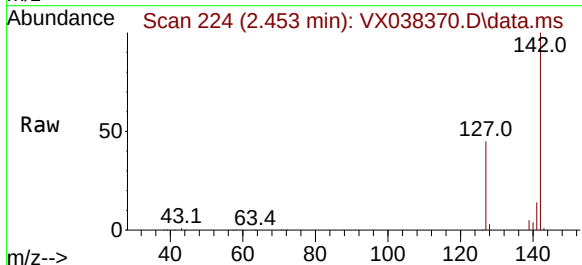
Manual Integrations
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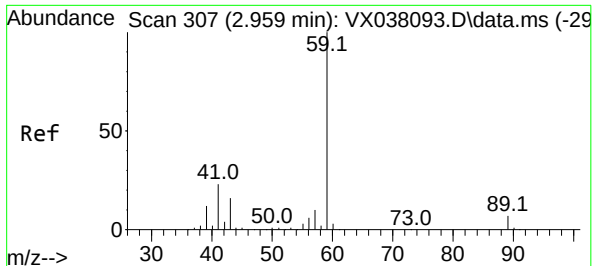
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 46.914 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion:142 Resp: 90595
Ion Ratio Lower Upper
142 100
127 46.2 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 212.538 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 10852

Ion Ratio Lower Upper

59 100

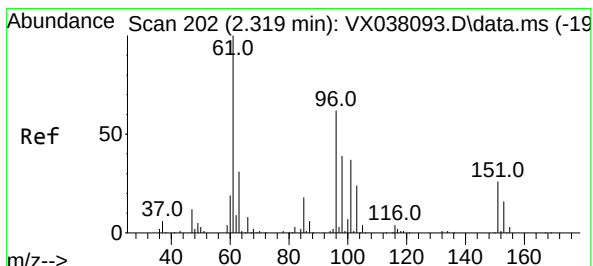
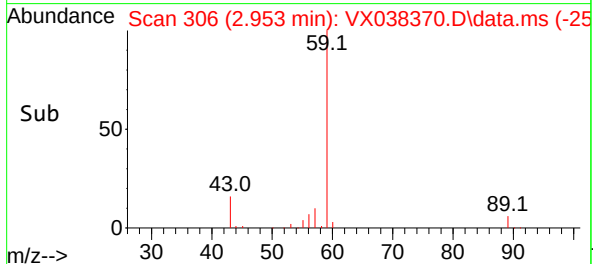
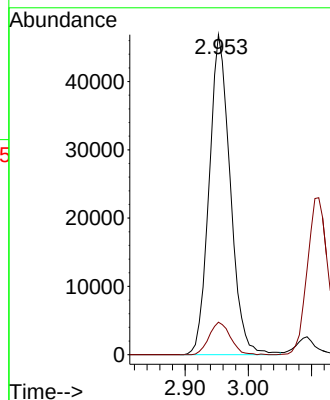
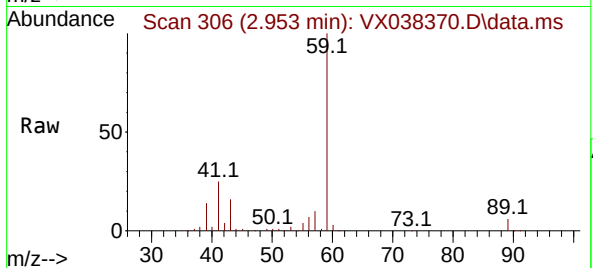
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 51.577 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

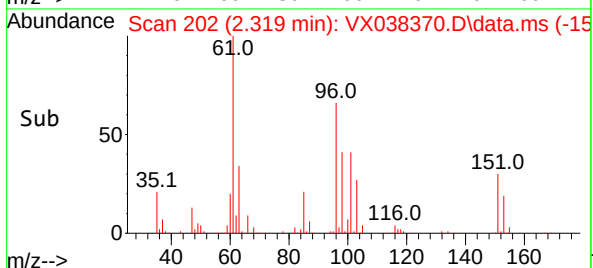
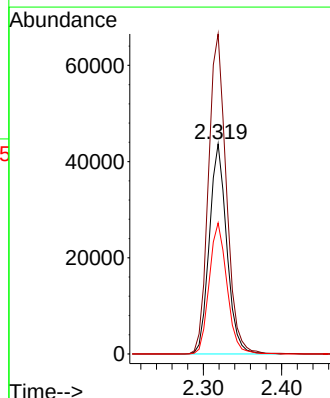
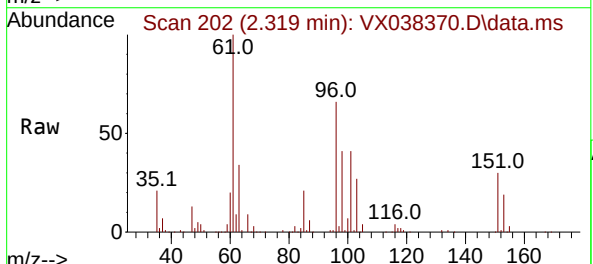
Tgt Ion: 96 Resp: 67335

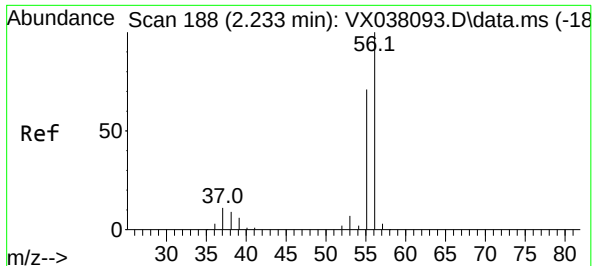
Ion Ratio Lower Upper

96 100

61 152.3 144.6 216.8

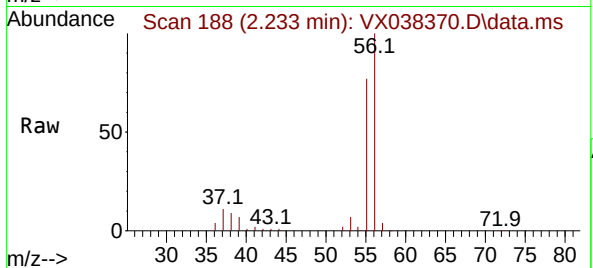
98 62.4 50.4 75.6





#13
Acrolein
Concen: 146.544 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

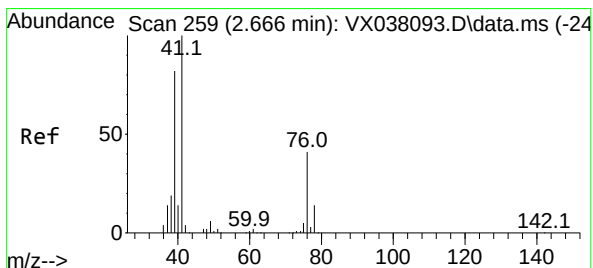
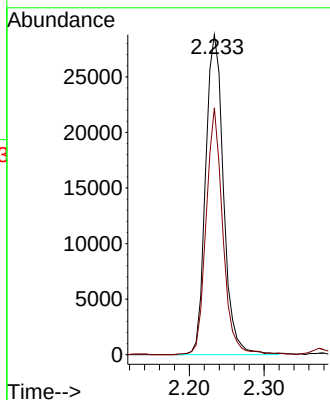
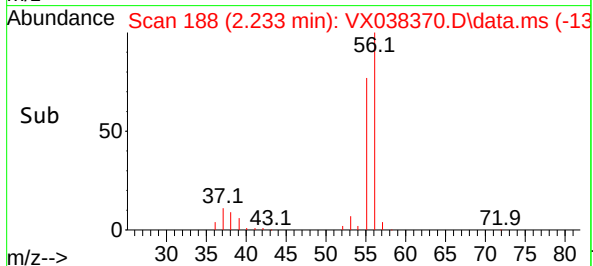
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 47814
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7

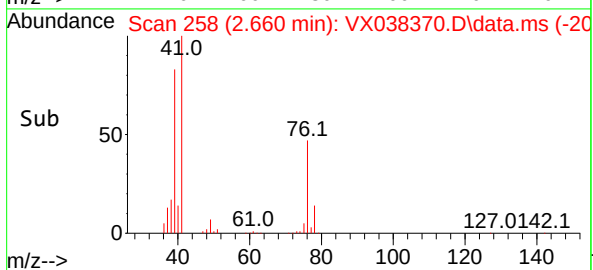
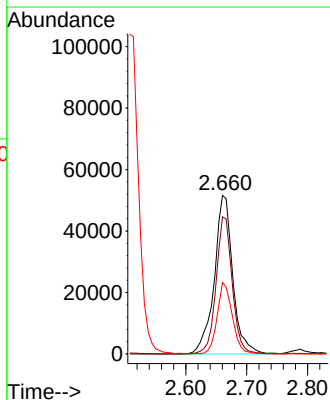
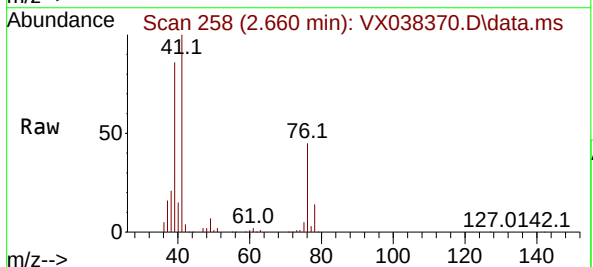
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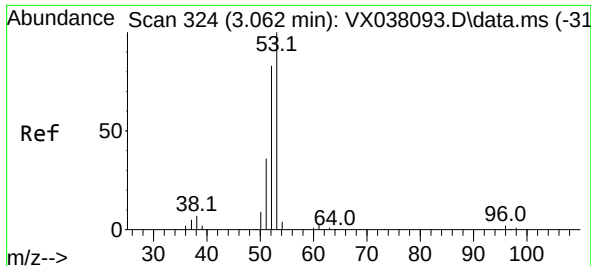
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 46.849 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 41 Resp: 109400
Ion Ratio Lower Upper
41 100
39 75.3 55.8 83.6
76 36.9 24.3 36.5#





#15

Acrylonitrile

Concen: 235.408 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 245879

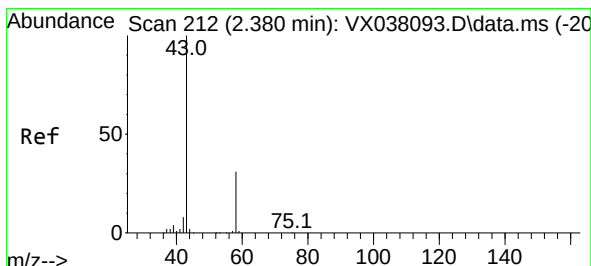
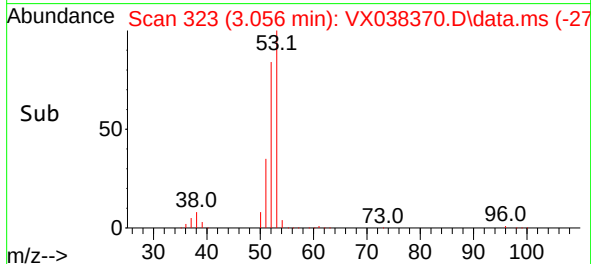
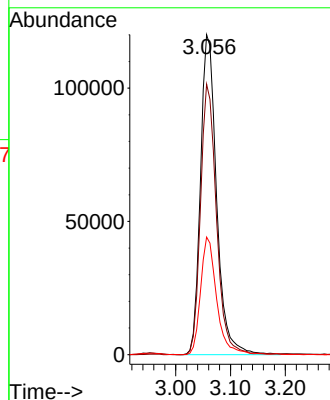
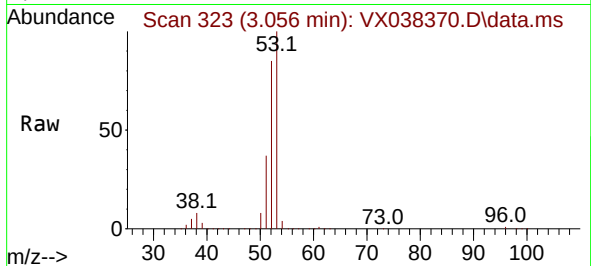
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.0	99.0
51	36.6	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#16

Acetone

Concen: 289.592 ug/l

RT: 2.374 min Scan# 211

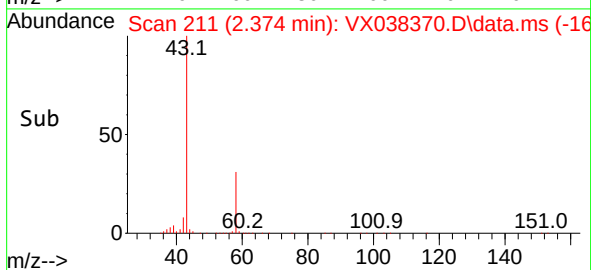
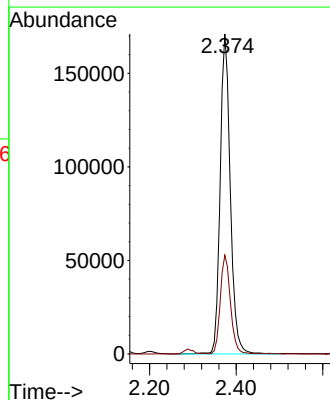
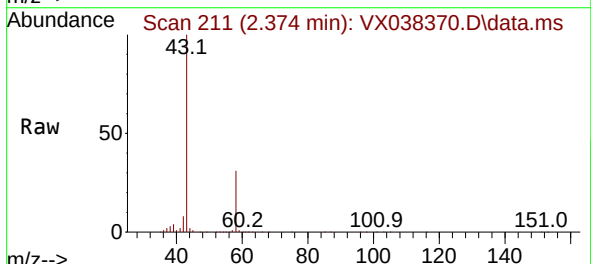
Delta R.T. -0.006 min

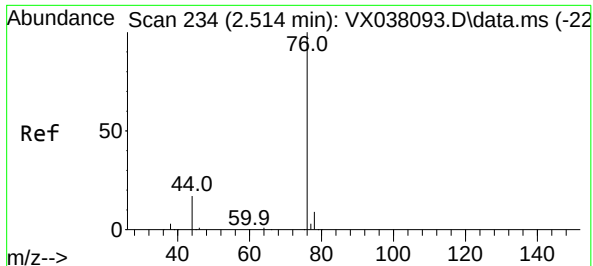
Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Tgt Ion: 43 Resp: 277391

Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.9	32.9





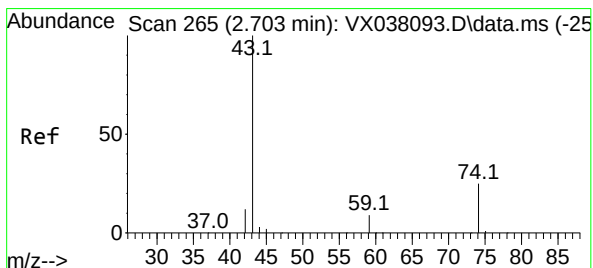
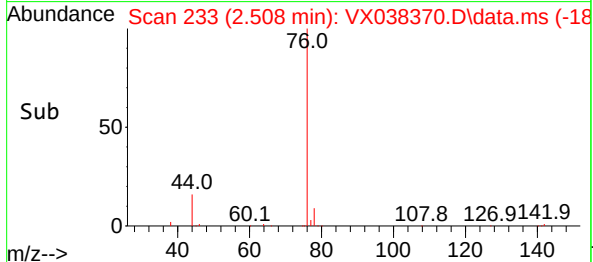
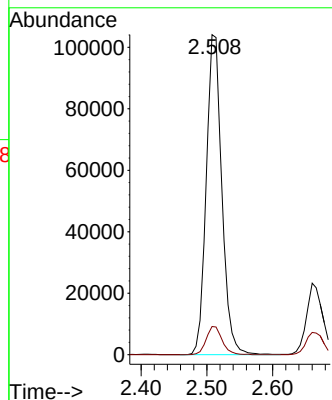
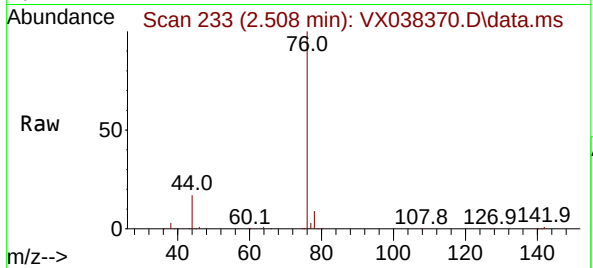
#17
Carbon Disulfide
Concen: 45.683 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 17189
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

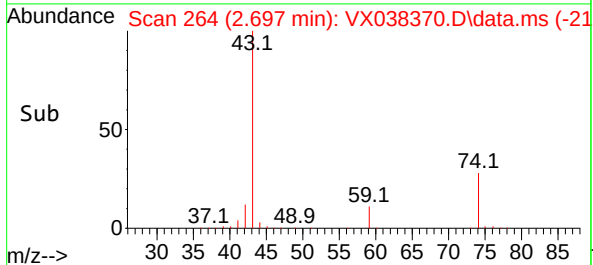
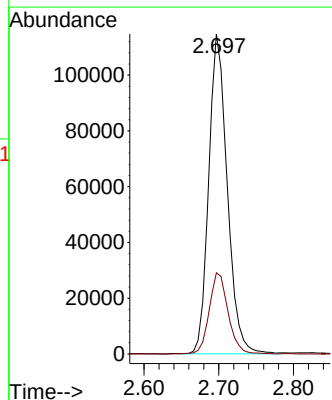
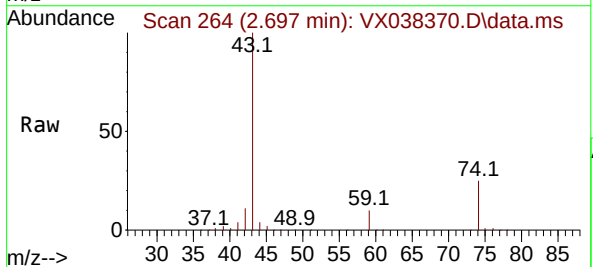
Manual Integrations
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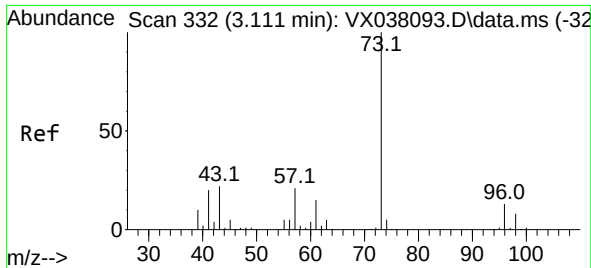
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 48.068 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 43 Resp: 197450
Ion Ratio Lower Upper
43 100
74 25.9 17.8 26.8





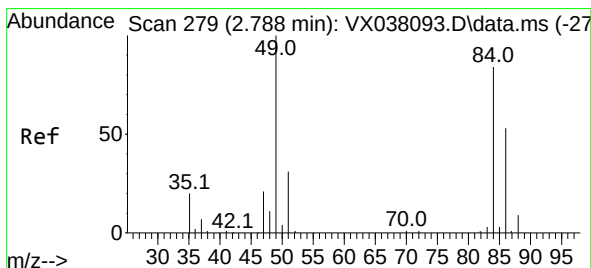
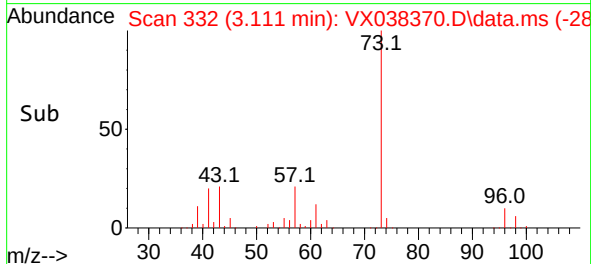
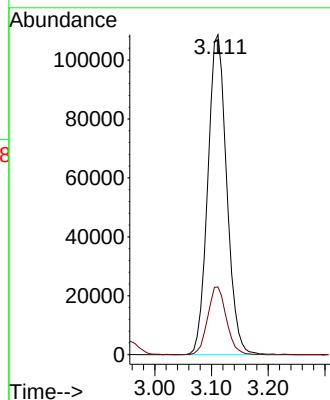
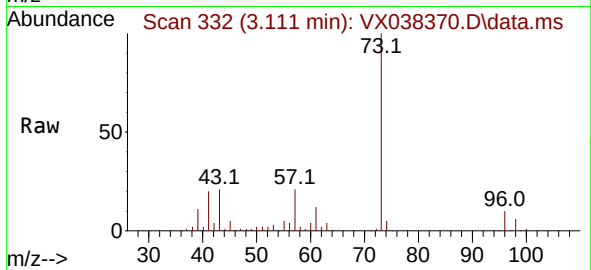
#19
Methyl tert-butyl Ether
Concen: 48.457 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 251950
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

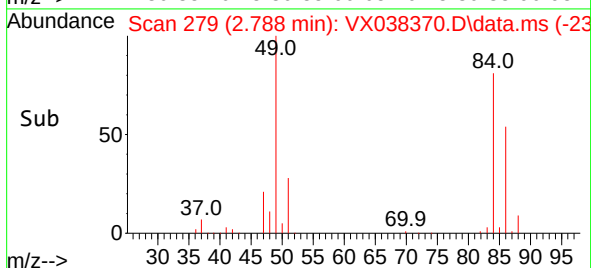
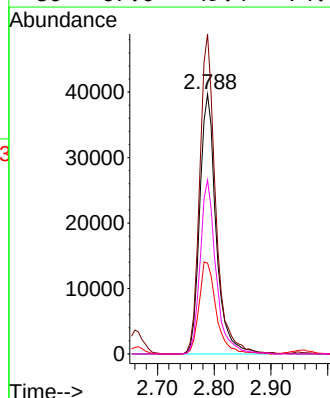
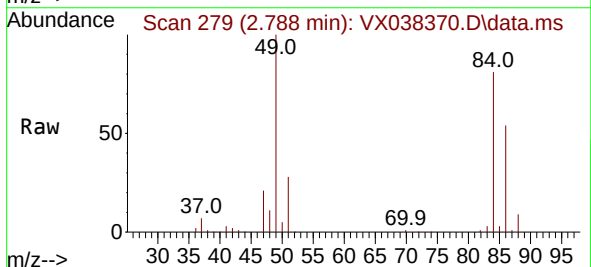
Manual Integrations
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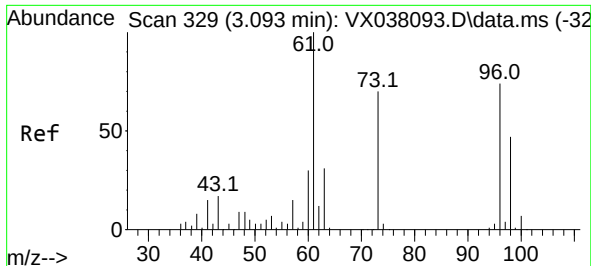
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 44.166 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

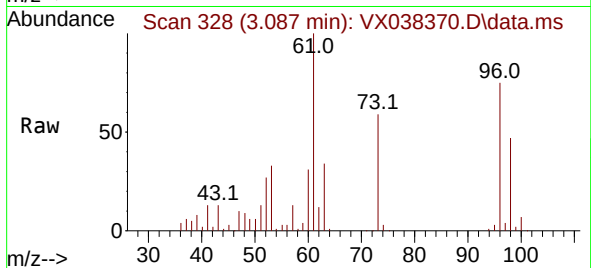
Tgt Ion: 84 Resp: 79576
Ion Ratio Lower Upper
84 100
49 123.3 103.6 155.4
51 35.0 33.8 50.6
86 67.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.042 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

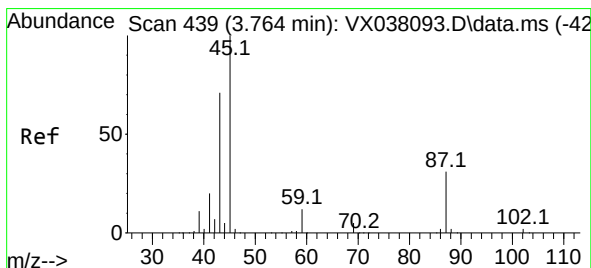
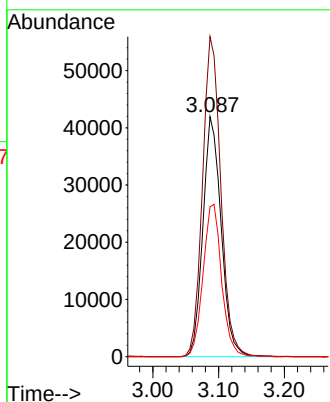
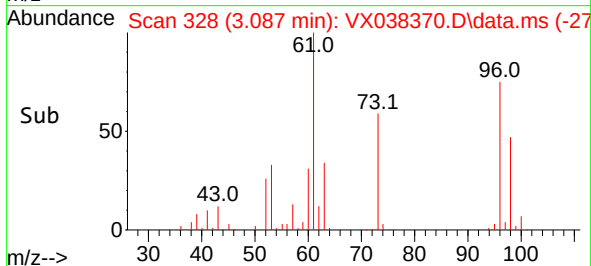
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



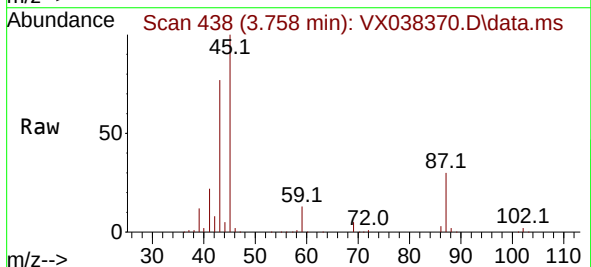
Tgt Ion: 96 Resp: 80890
Ion Ratio Lower Upper
96 100
61 133.3 119.2 178.8
98 62.4 48.7 73.1

Manual Integrations
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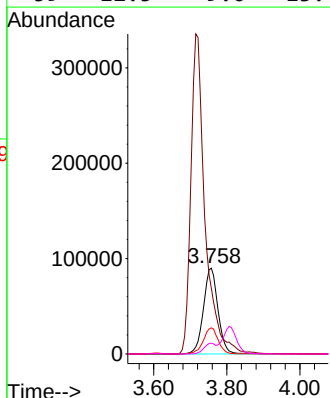
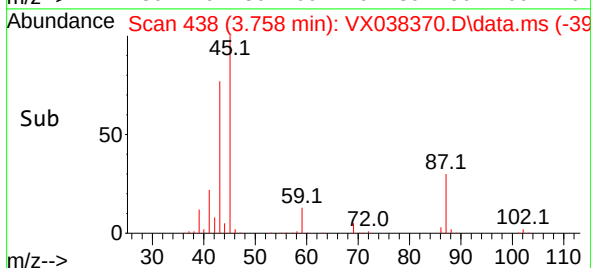
Reviewed By :John Carbone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

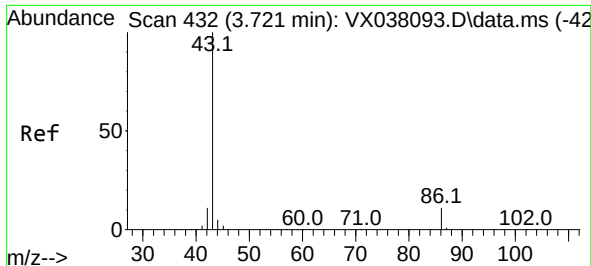


#22
Diisopropyl ether
Concen: 50.592 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58



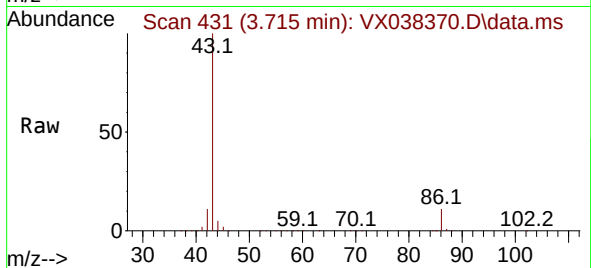
Tgt Ion: 45 Resp: 247600
Ion Ratio Lower Upper
45 100
43 76.7 69.7 104.5
87 30.4 20.8 31.2
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 253.582 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038370.D
 Acq: 19 Oct 2023 08:58

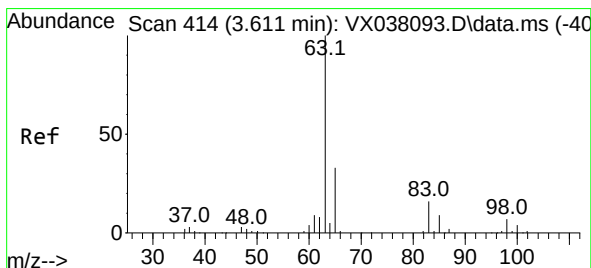
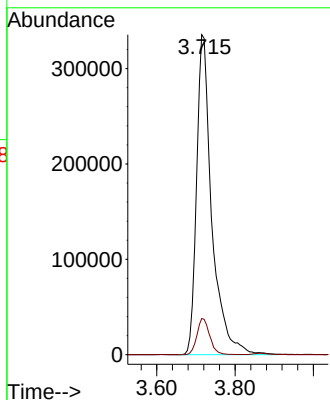
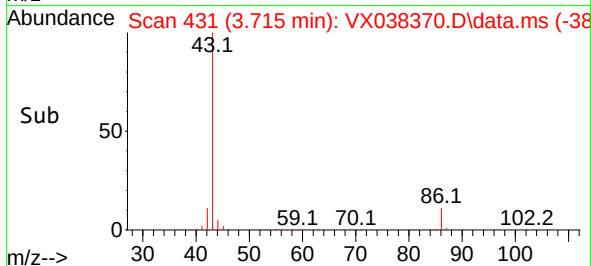
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



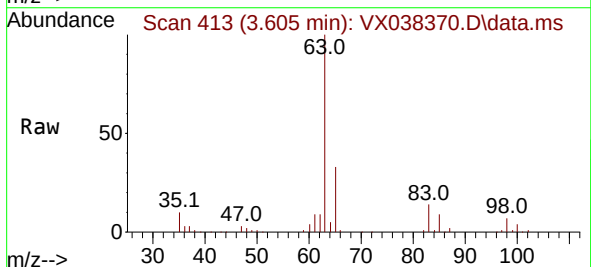
Tgt Ion: 43 Resp: 910120
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

Manual Integrations
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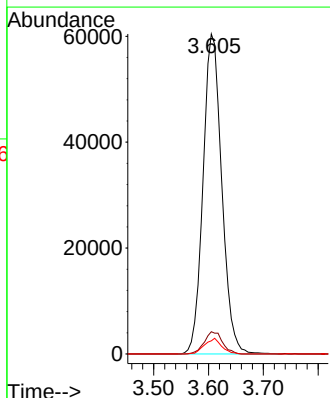
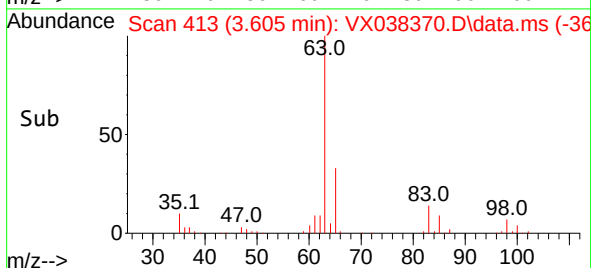
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

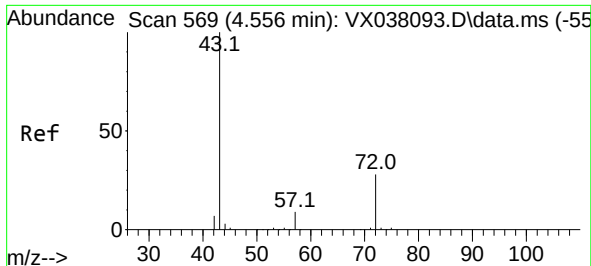


#24
 1,1-Dichloroethane
 Concen: 48.211 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038370.D
 Acq: 19 Oct 2023 08:58



Tgt Ion: 63 Resp: 143193
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.1 2.1 6.5





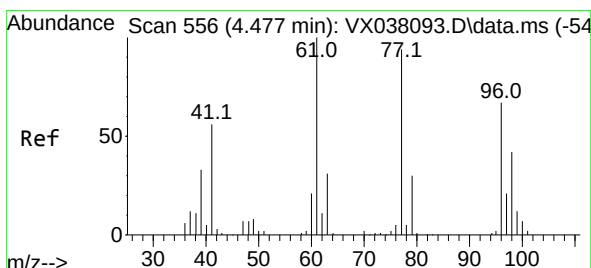
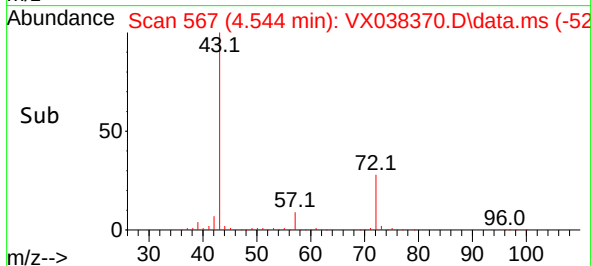
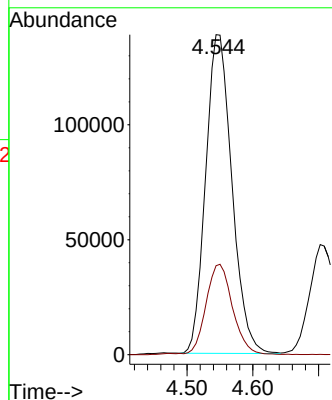
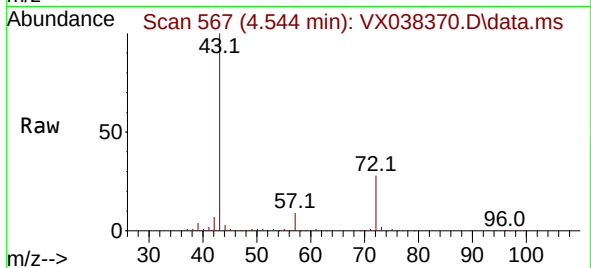
#25
2-Butanone
Concen: 249.183 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 38511
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2

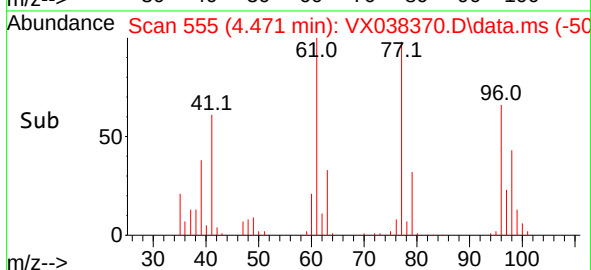
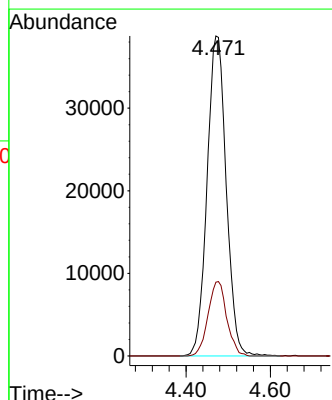
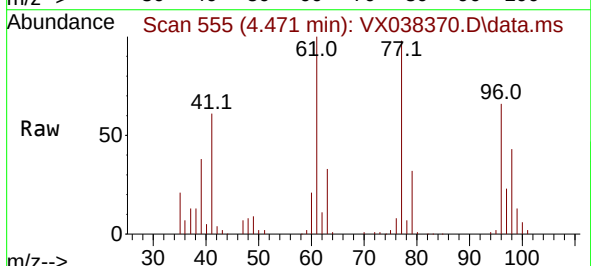
Manual Integrations
APPROVED

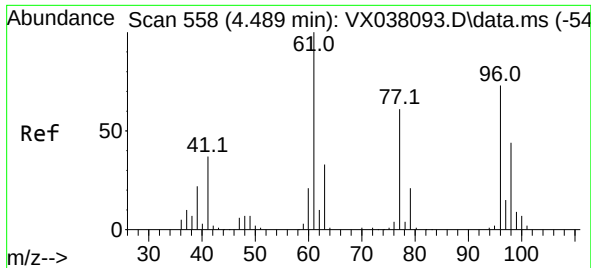
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 52.630 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

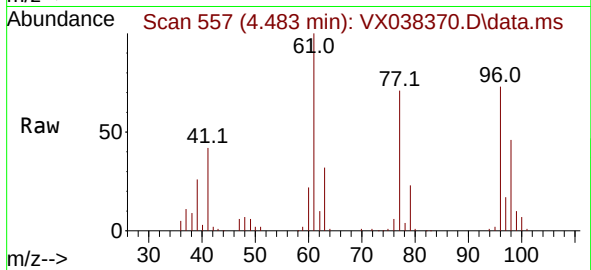
Tgt Ion: 77 Resp: 122045
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.023 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX038370.D
 Acq: 19 Oct 2023 08:58

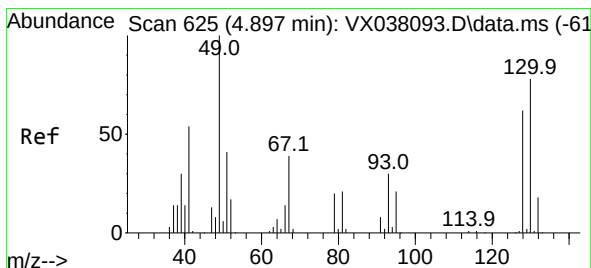
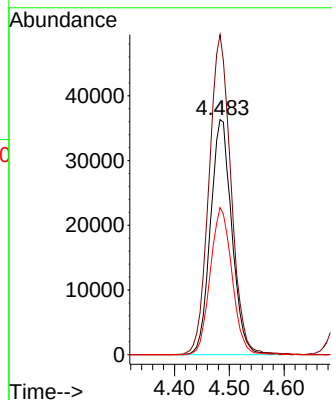
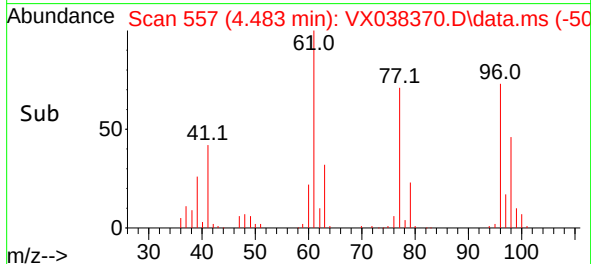
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 98225
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 312.2
 98 63.4 0.0 129.0

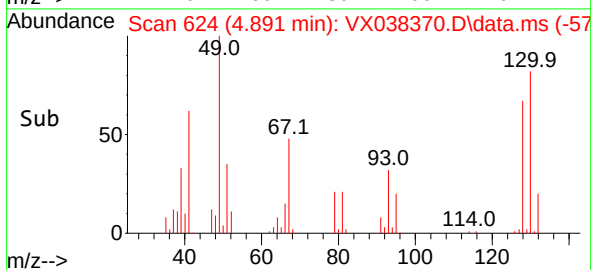
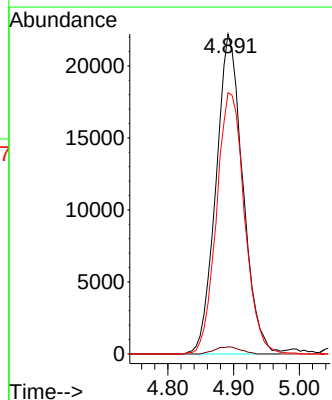
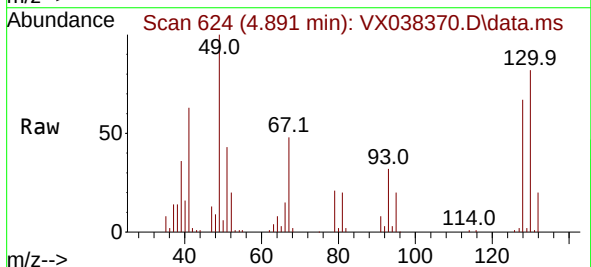
Manual Integrations
 APPROVED

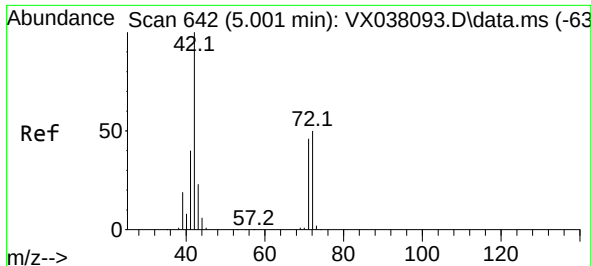
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 47.033 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038370.D
 Acq: 19 Oct 2023 08:58

Tgt Ion: 49 Resp: 63061
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 85.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 233.819 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX038370.D

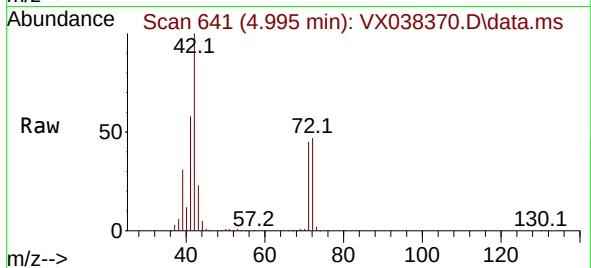
Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 23527

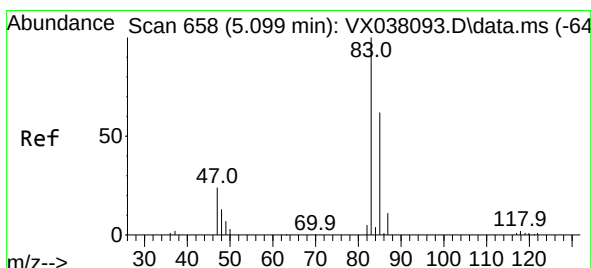
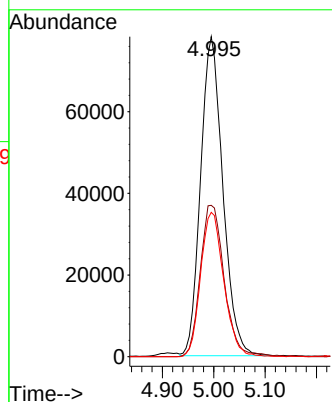
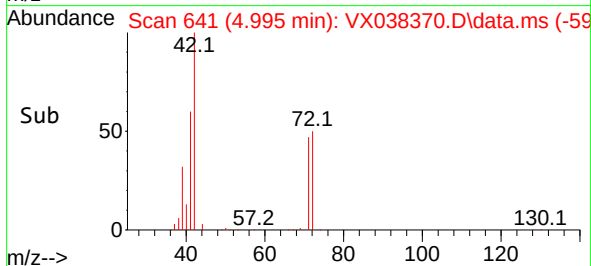
Ion	Ratio	Lower	Upper
42	100		
72	50.9	34.2	51.4
71	47.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 52.604 ug/l

RT: 5.093 min Scan# 657

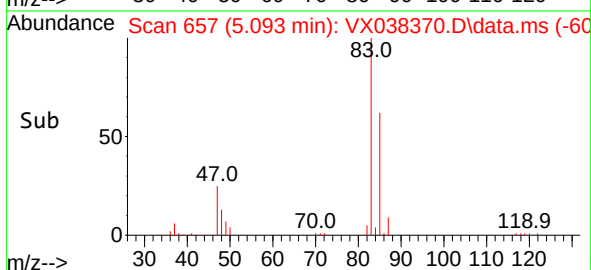
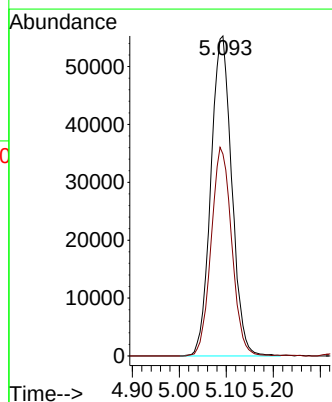
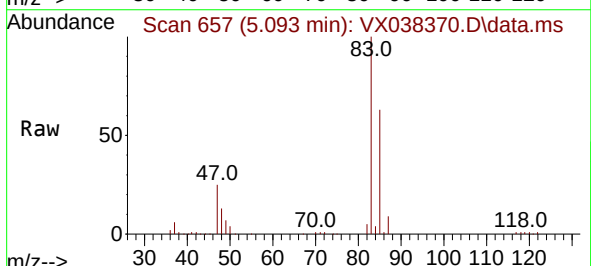
Delta R.T. -0.000 min

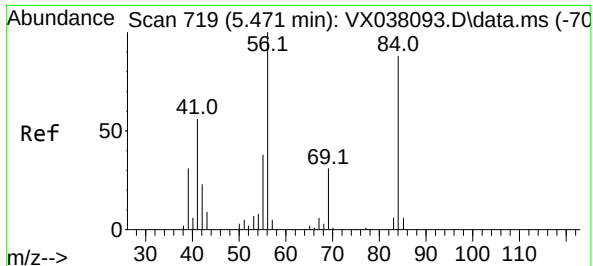
Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Tgt Ion: 83 Resp: 170853

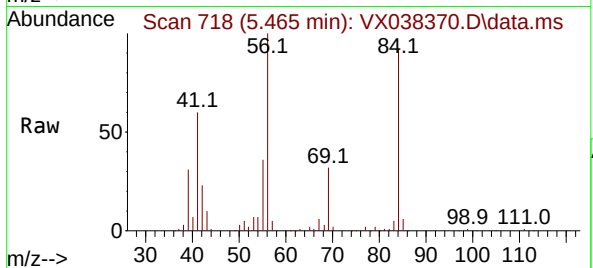
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 51.627 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

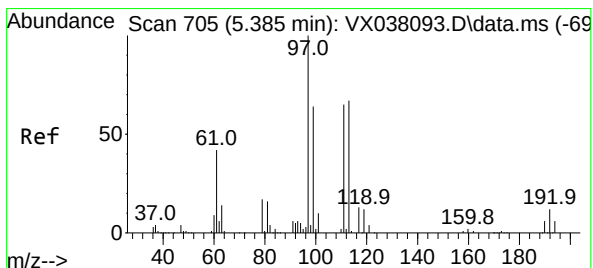
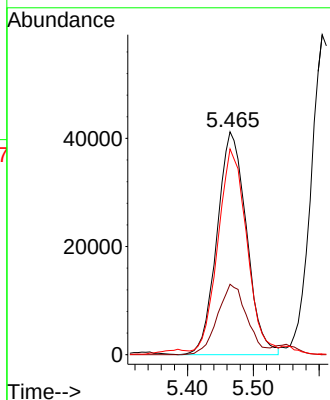
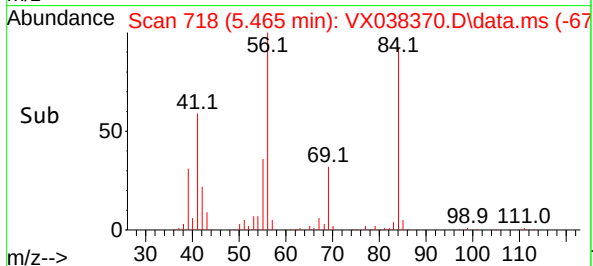
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12837
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 89.9 65.9 98.9

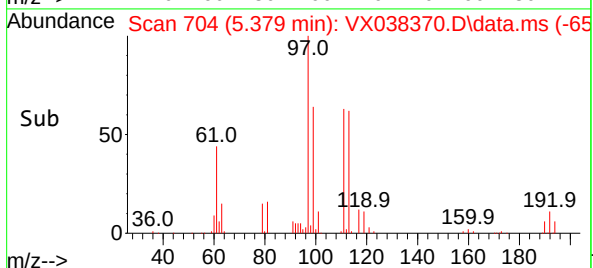
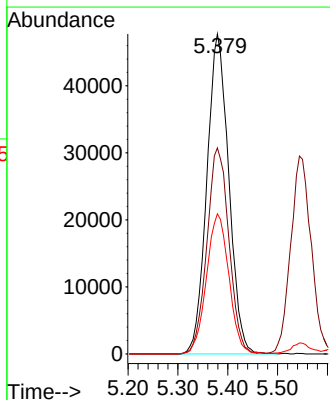
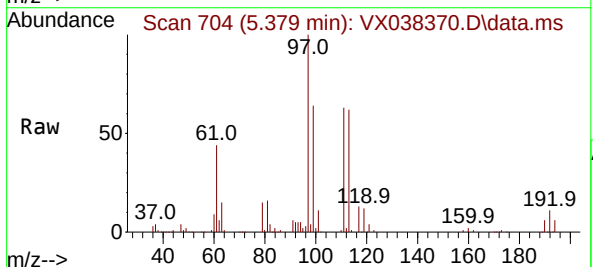
Manual Integrations
APPROVED

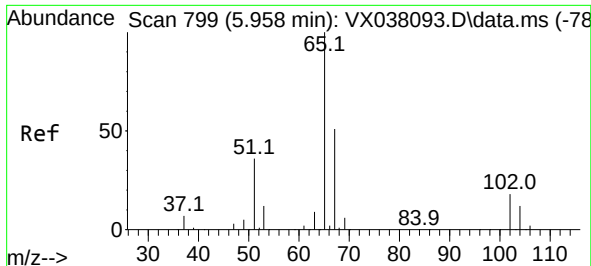
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 52.342 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 97 Resp: 145612
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 44.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.034 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 107949

Ion Ratio Lower Upper

65 100

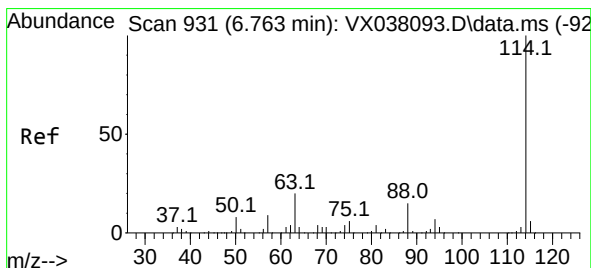
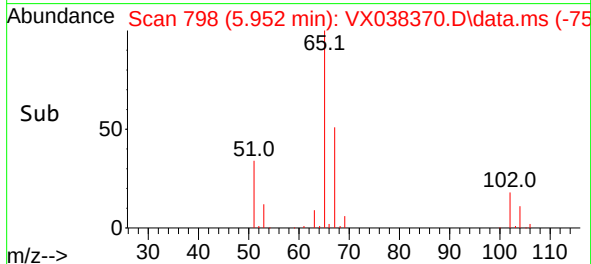
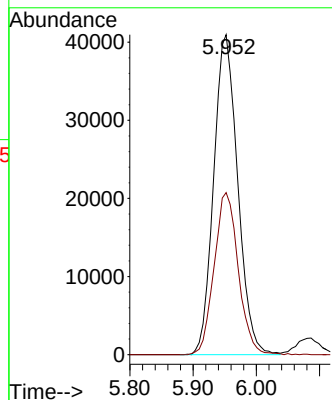
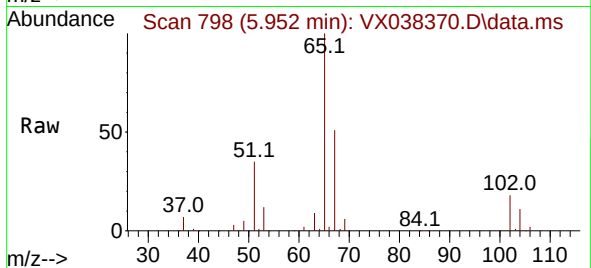
67 50.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

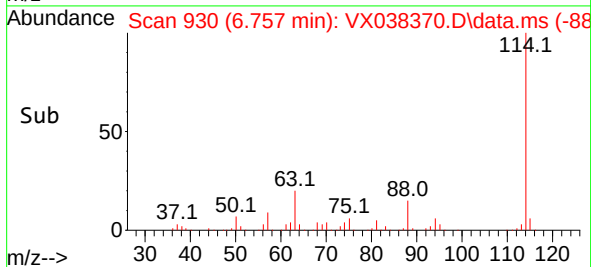
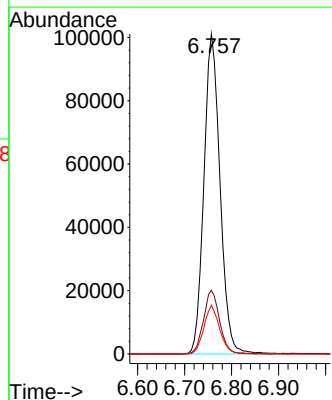
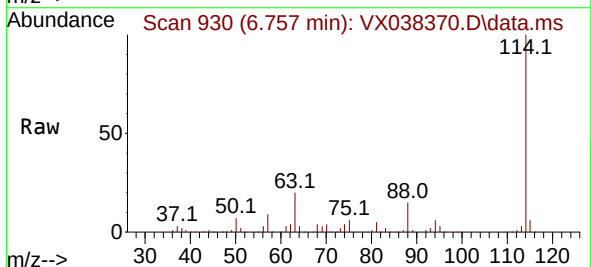
Tgt Ion:114 Resp: 240756

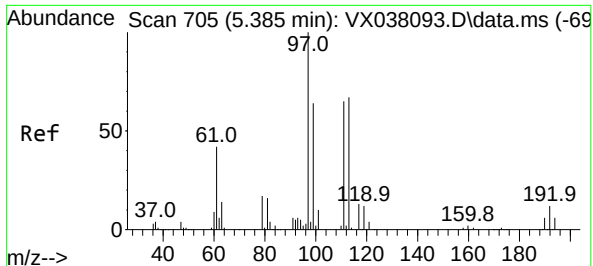
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

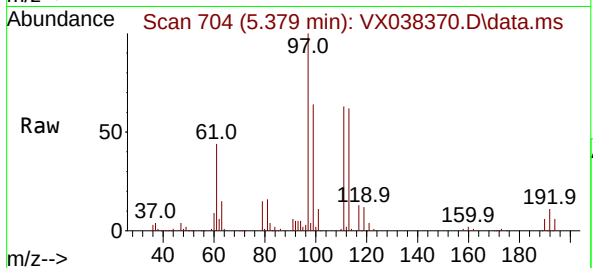
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.704 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

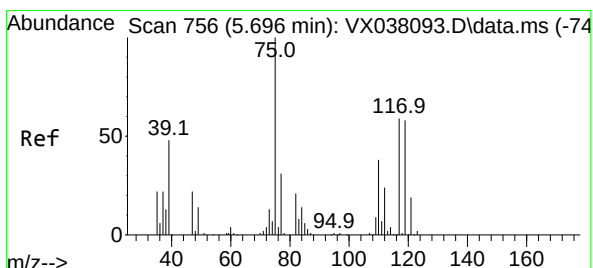
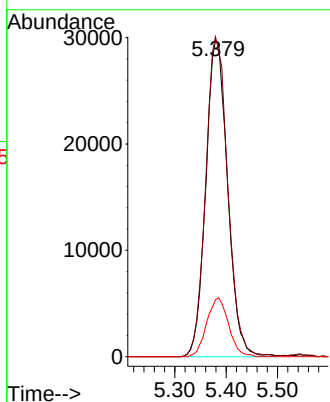
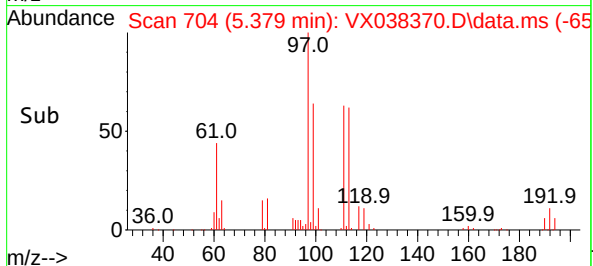
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 8796
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.6 13.3 19.9

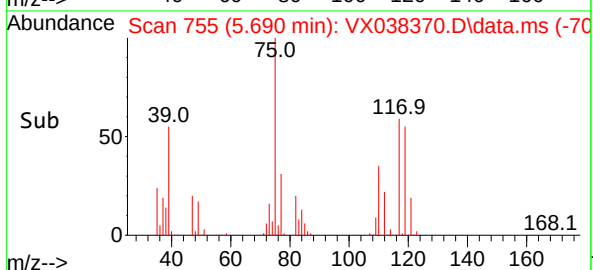
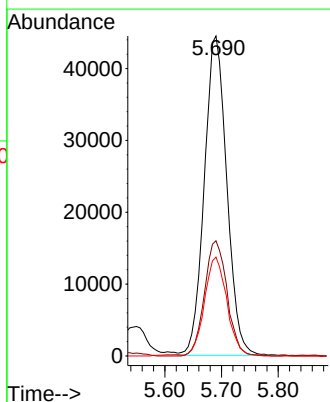
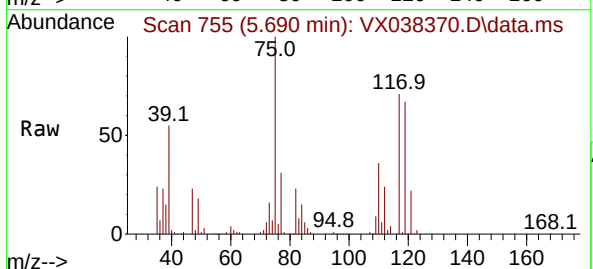
Manual Integrations
APPROVED

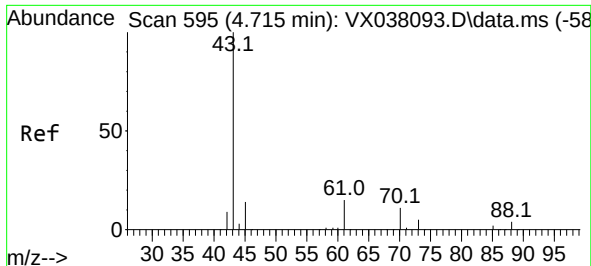
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 51.182 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

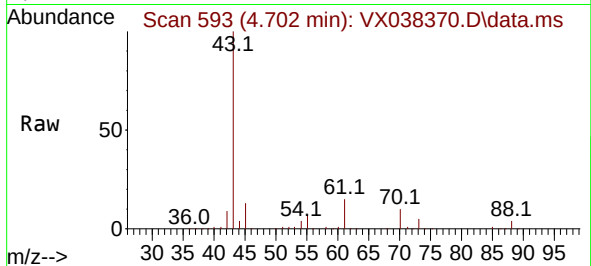
Tgt Ion: 75 Resp: 122440
Ion Ratio Lower Upper
75 100
110 36.3 17.0 50.9
77 30.8 24.7 37.1





#37
Ethyl Acetate
Concen: 48.691 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.013 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

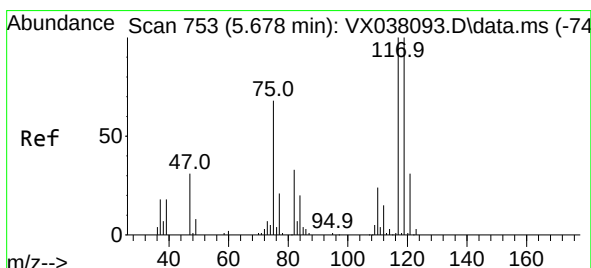
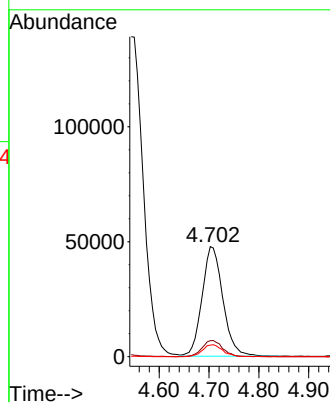
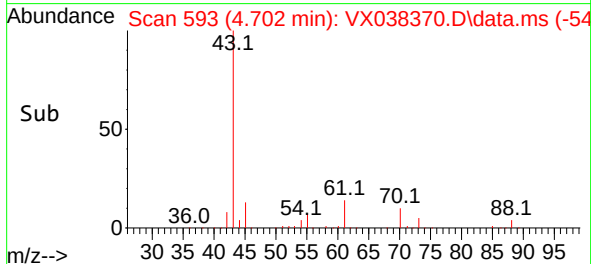
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13833
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 10.6 8.3 12.5

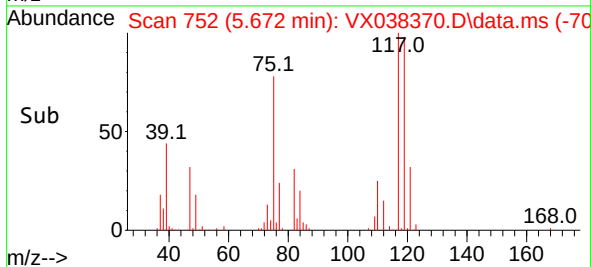
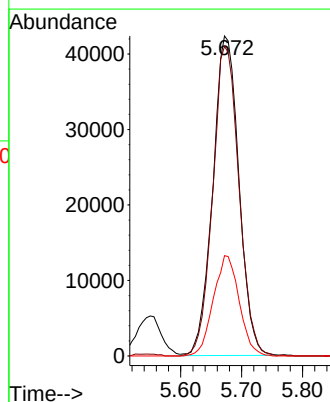
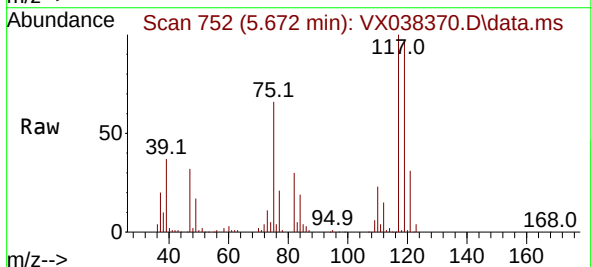
Manual Integrations
APPROVED

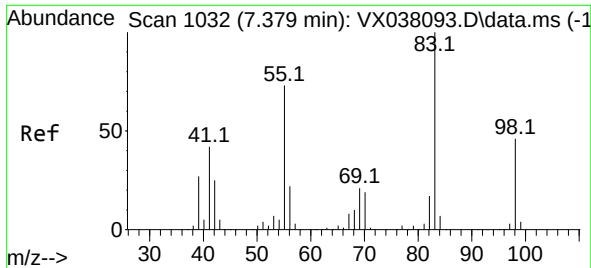
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 53.450 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion:117 Resp: 125788
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.2
121 31.4 24.4 36.6





#39
Methylcyclohexane
Concen: 53.950 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

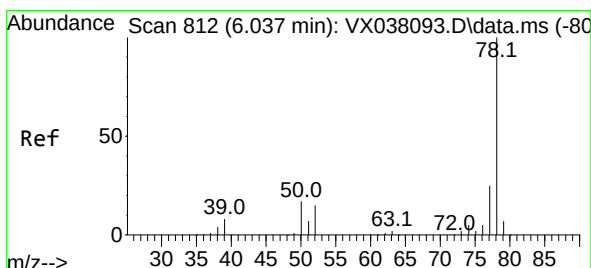
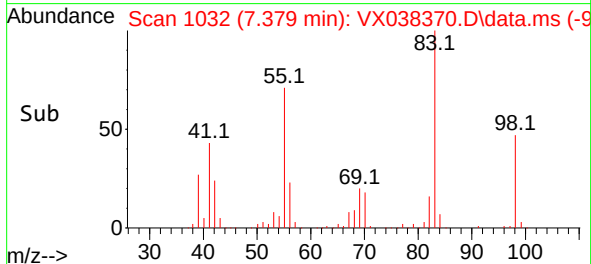
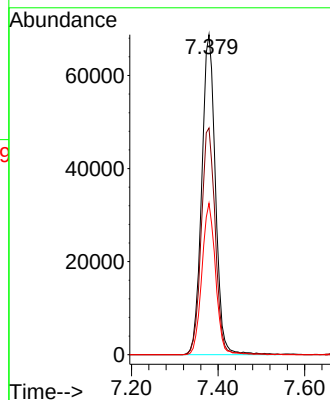
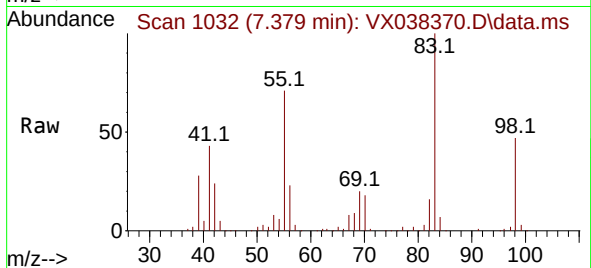
Tgt Ion: 83 Resp: 151174
Ion Ratio Lower Upper
83 100
55 70.9 64.6 97.0
98 47.3 36.7 55.1

Manual Integrations

APPROVED

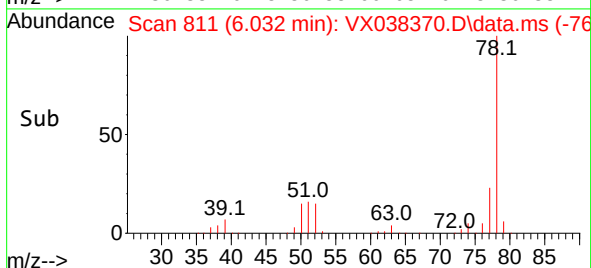
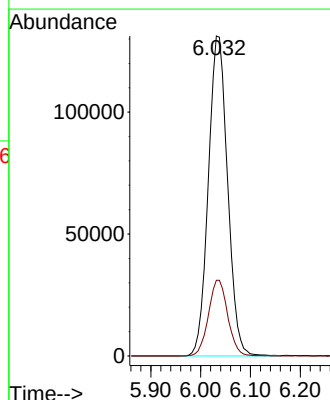
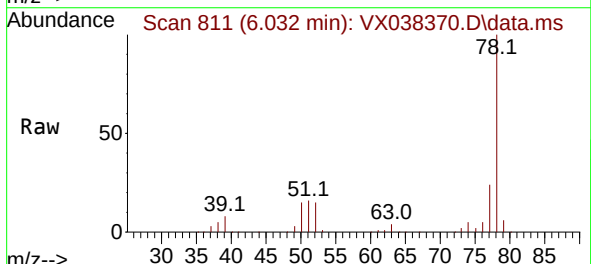
Reviewed By :John Carlone 10/20/2023

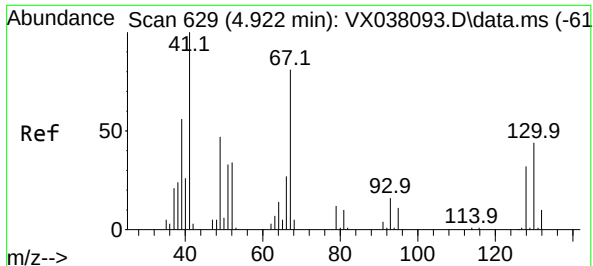
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 52.576 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

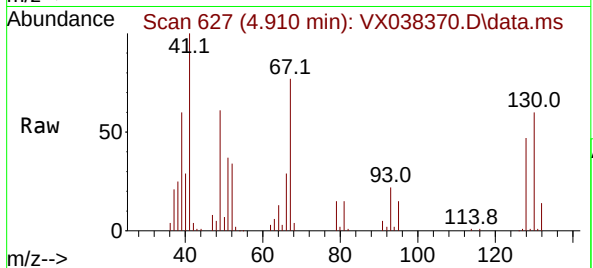
Tgt Ion: 78 Resp: 351786
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 50.674 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

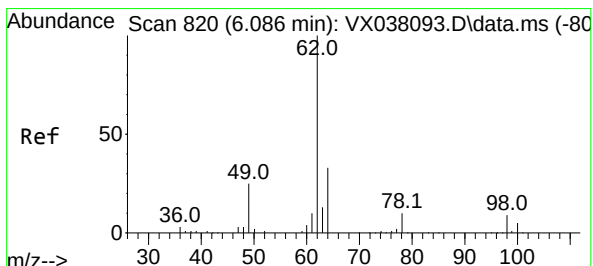
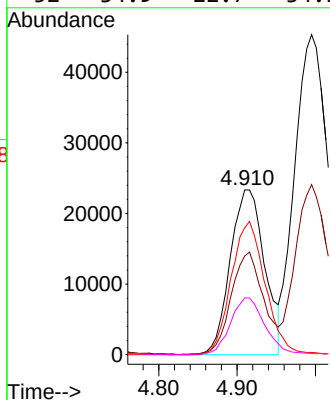
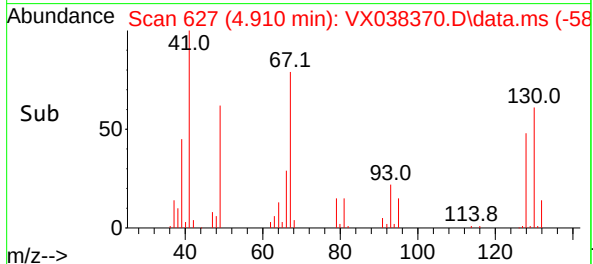
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7162
Ion Ratio Lower Upper
41 100
39 58.6 45.2 67.8
67 80.1 52.6 78.8
52 34.9 22.7 34.1#

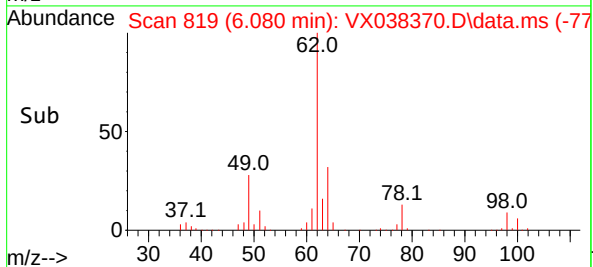
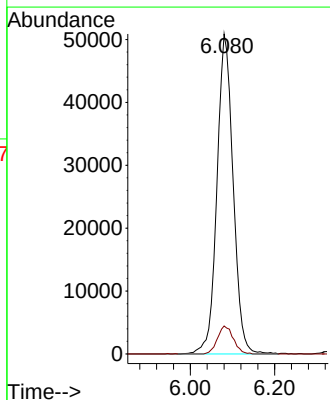
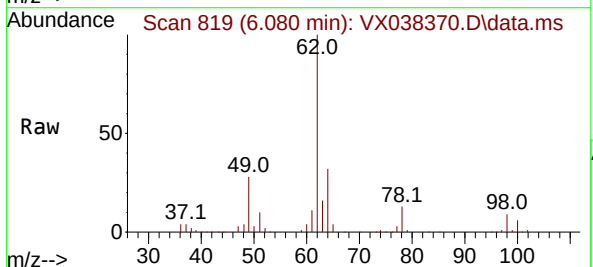
Manual Integrations
APPROVED

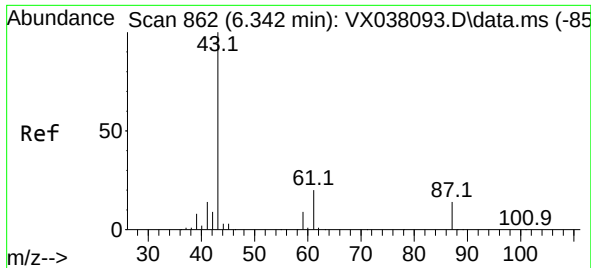
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 50.525 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

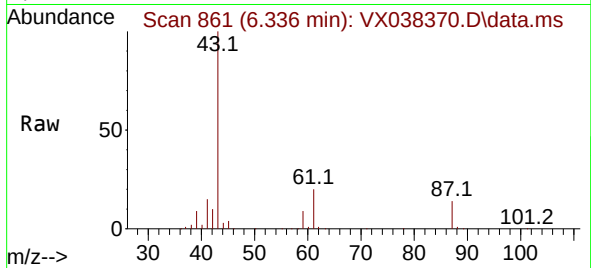
Tgt Ion: 62 Resp: 135069
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.326 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

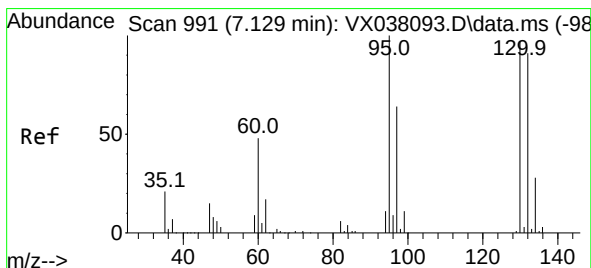
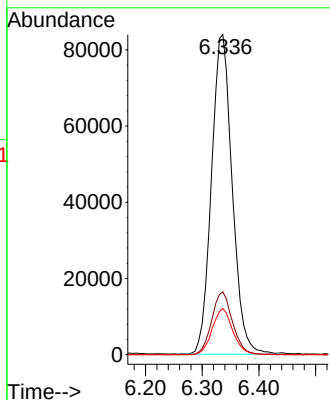
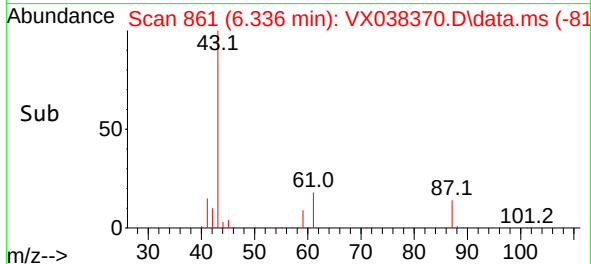
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 213449
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 14.3 9.8 14.6

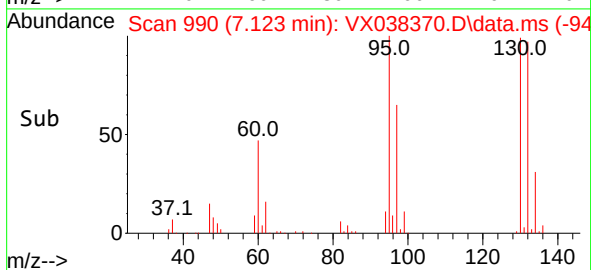
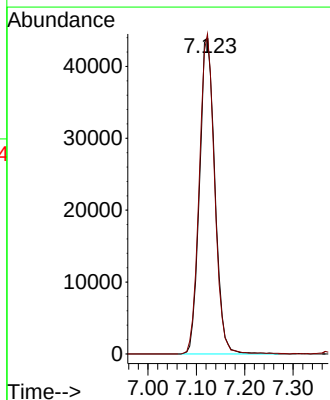
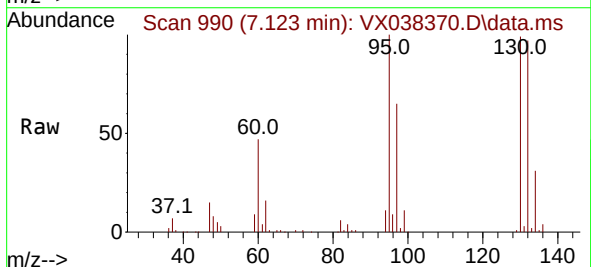
Manual Integrations
APPROVED

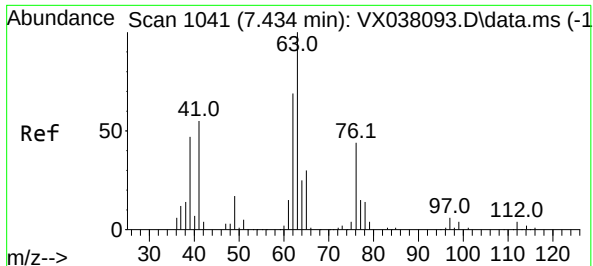
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 55.451 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

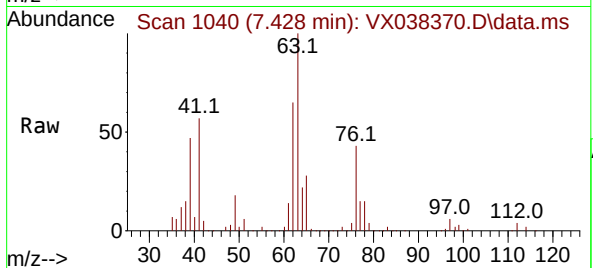
Tgt Ion:130 Resp: 97041
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.4





#45
1,2-Dichloropropane
Concen: 52.946 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

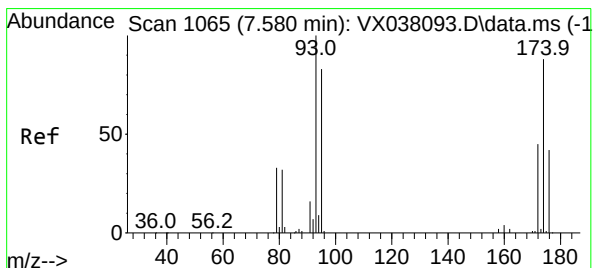
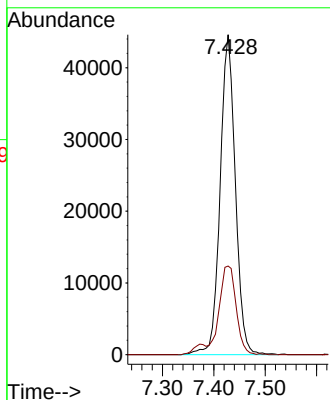
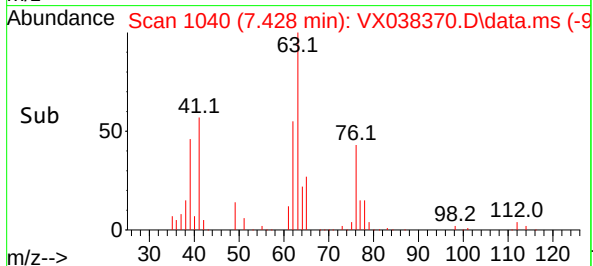
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 91690
Ion Ratio Lower Upper
63 100
65 27.7 24.3 36.5

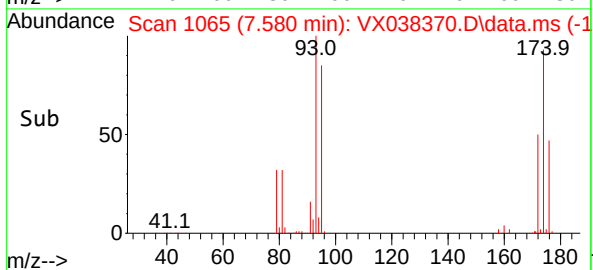
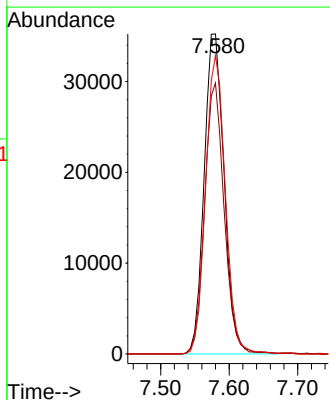
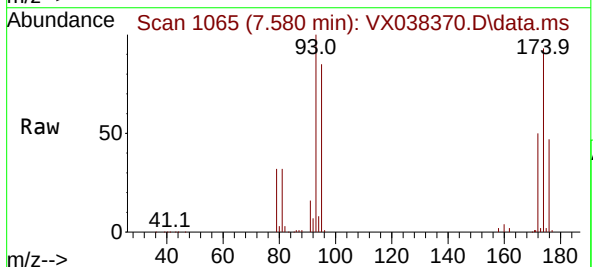
Manual Integrations
APPROVED

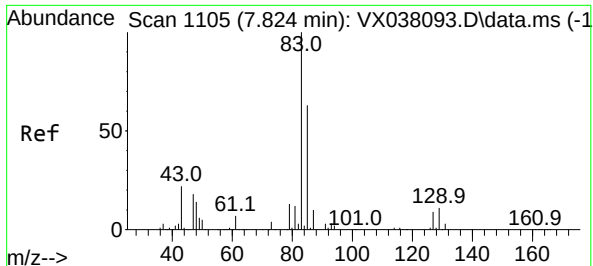
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#46
Dibromomethane
Concen: 53.289 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

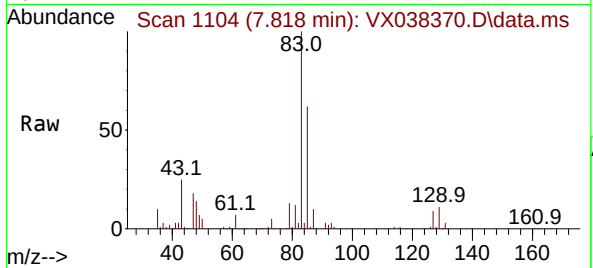
Tgt Ion: 93 Resp: 71574
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 91.7 69.4 104.0





#47
Bromodichloromethane
Concen: 56.699 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

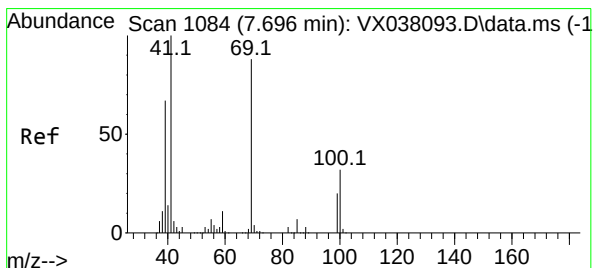
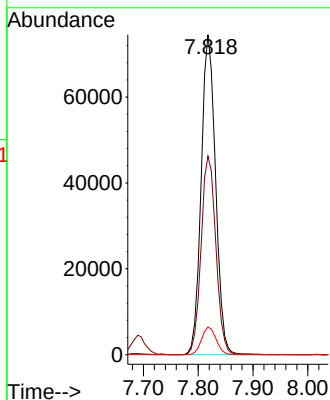
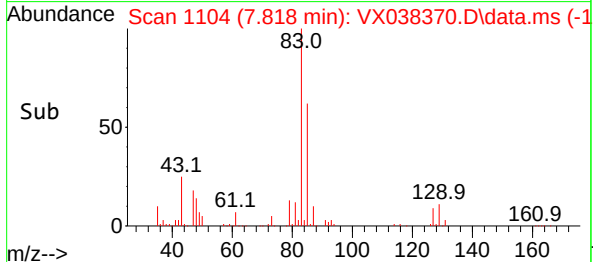
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 135474
Ion Ratio Lower Upper
83 100
85 62.1 49.8 74.6
127 8.7 7.1 10.7

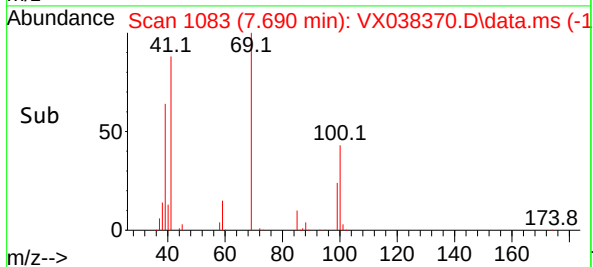
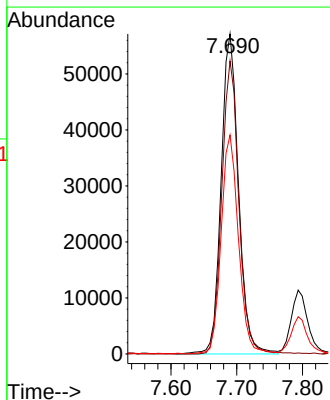
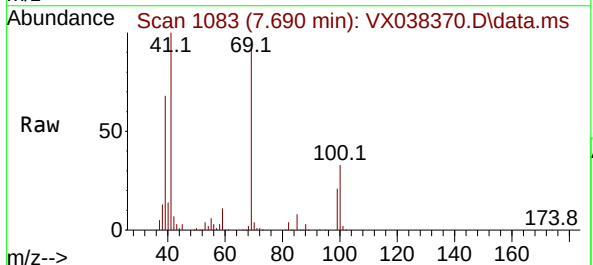
Manual Integrations
APPROVED

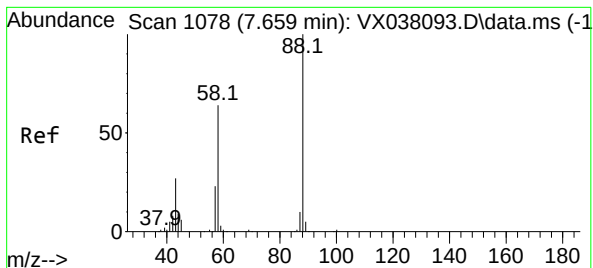
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 51.882 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 41 Resp: 105048
Ion Ratio Lower Upper
41 100
69 90.3 59.2 88.8
39 68.4 47.7 71.5





#49

1,4-Dioxane

Concen: 864.870 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

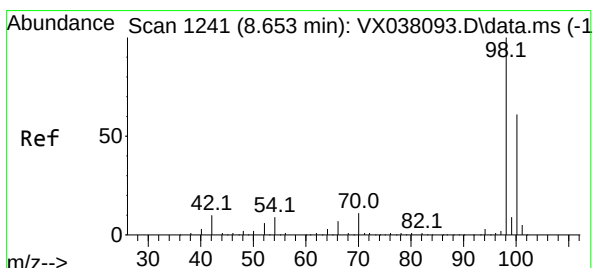
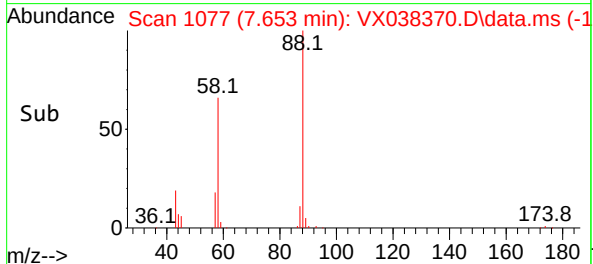
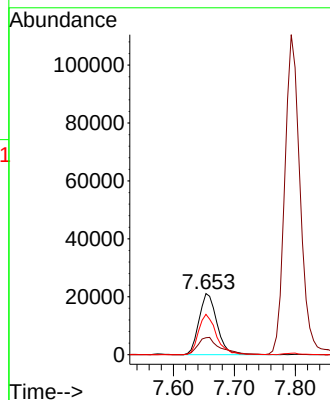
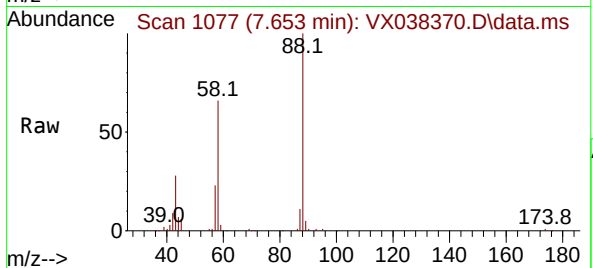
Tgt Ion: 88 Resp: 43152
 Ion Ratio Lower Upper
 88 100
 43 34.4 0.0 0.0
 58 65.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 50.127 ug/l

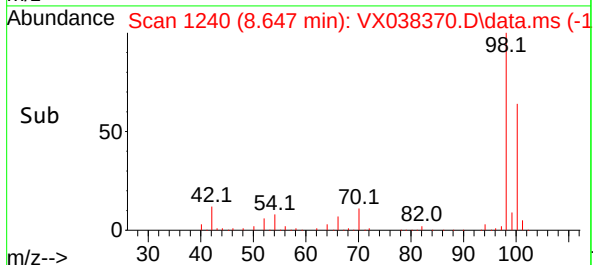
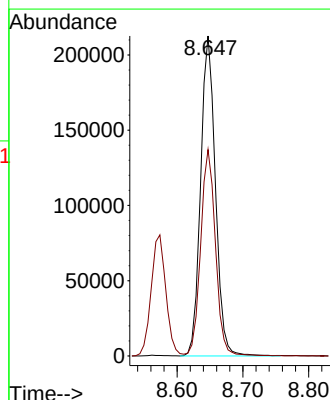
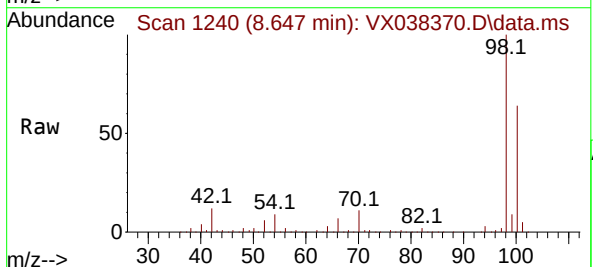
RT: 8.647 min Scan# 1240

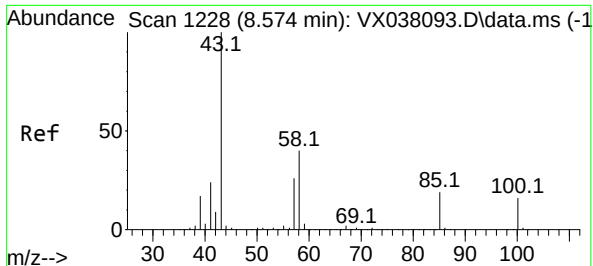
Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Tgt Ion: 98 Resp: 332300
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 264.889 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 77493

Ion Ratio Lower Upper

43 100

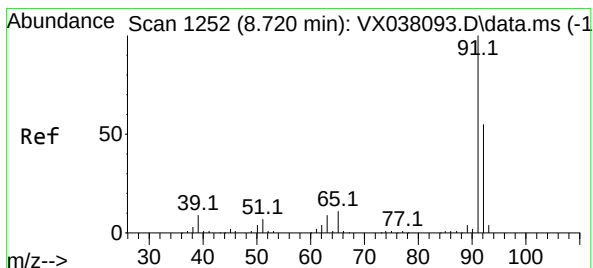
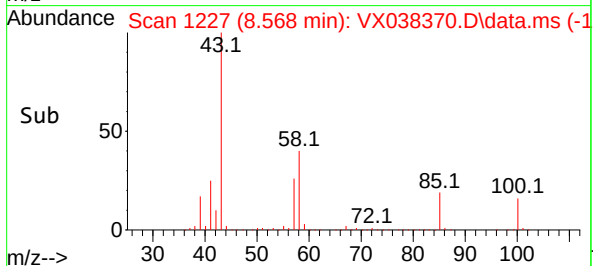
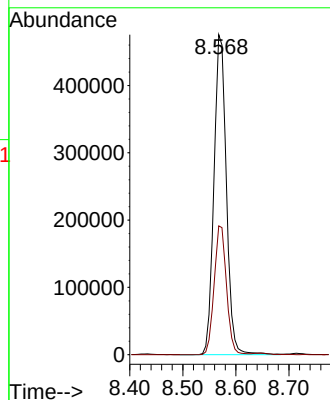
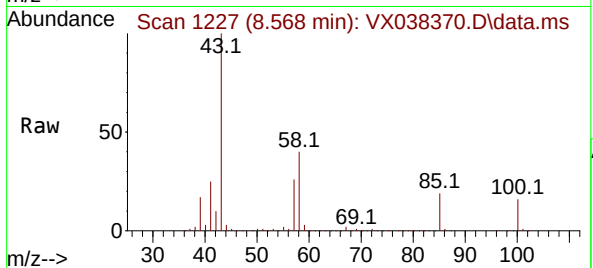
58 40.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#52

Toluene

Concen: 54.649 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038370.D

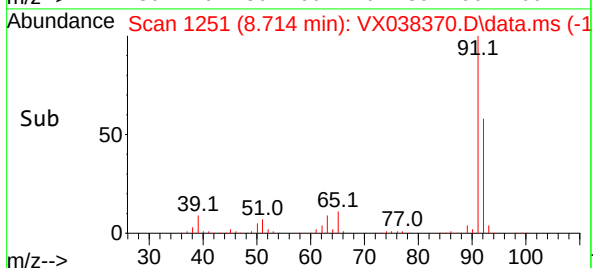
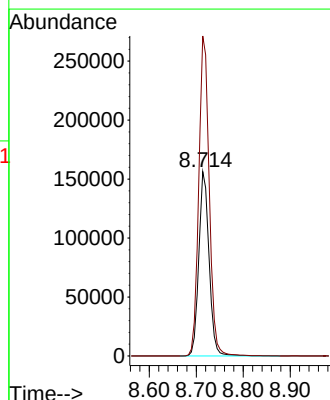
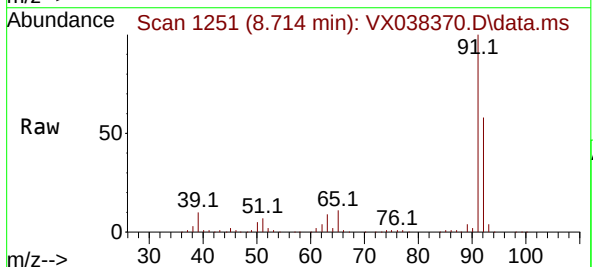
Acq: 19 Oct 2023 08:58

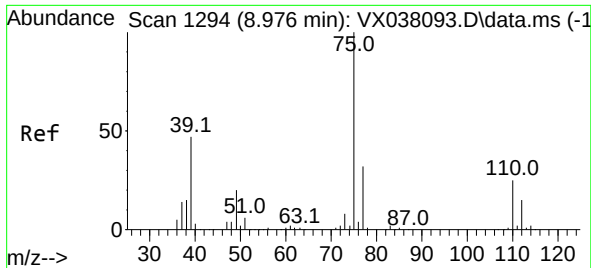
Tgt Ion: 92 Resp: 238190

Ion Ratio Lower Upper

92 100

91 177.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 57.064 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 146354

Ion Ratio Lower Upper

75 100

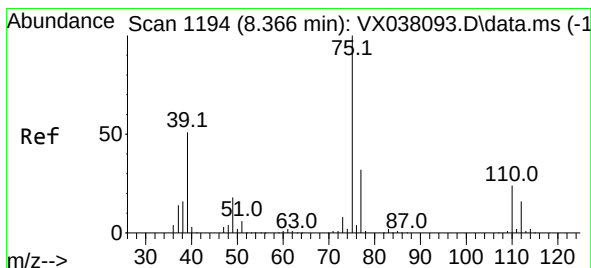
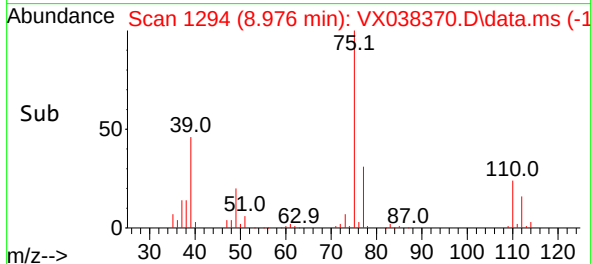
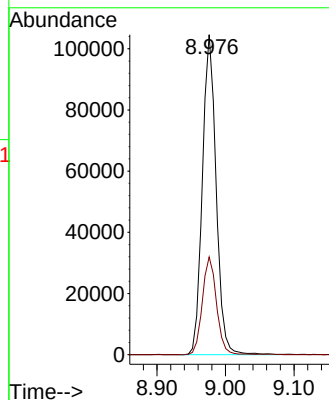
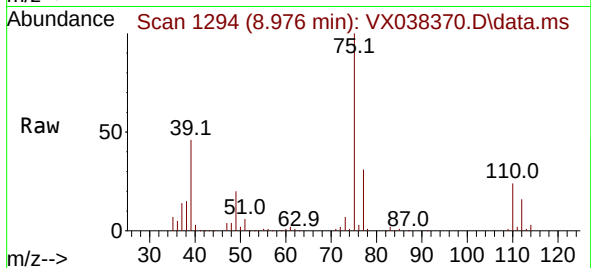
77 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#54

cis-1,3-Dichloropropene

Concen: 56.679 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

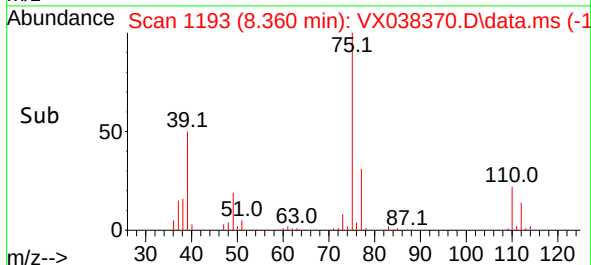
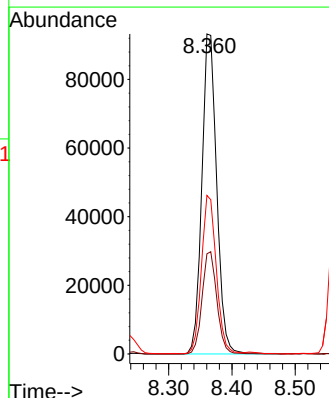
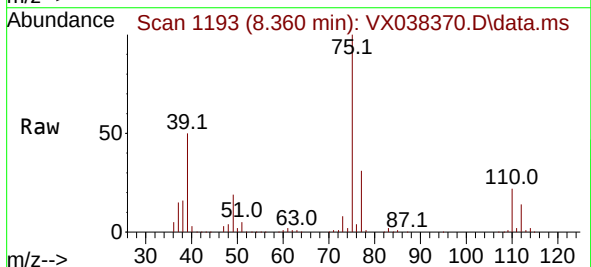
Tgt Ion: 75 Resp: 152730

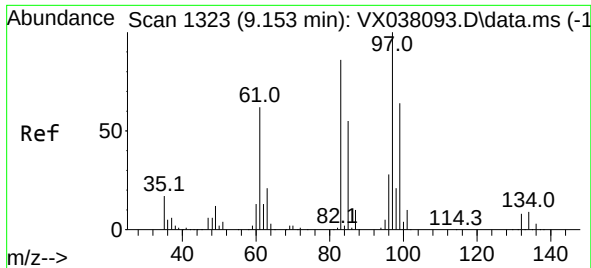
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

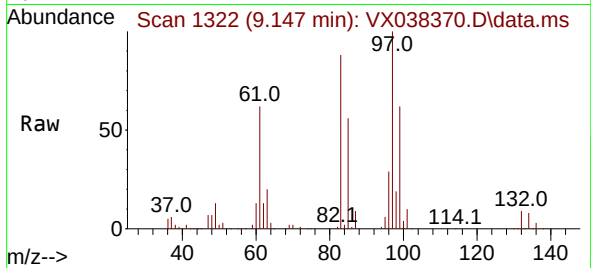
39 49.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 54.985 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

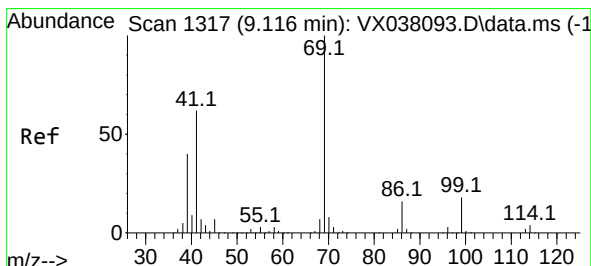
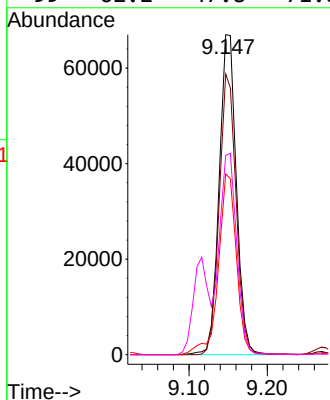
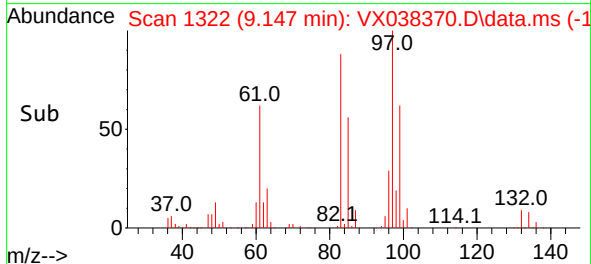
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



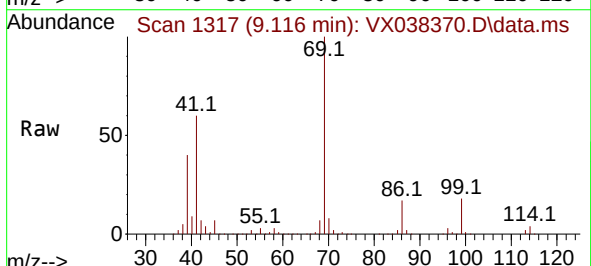
Tgt Ion: 97 Resp: 102509
Ion Ratio Lower Upper
97 100
83 87.7 65.8 98.8
85 56.5 41.6 62.4
99 62.2 47.8 71.8

Manual Integrations
APPROVED

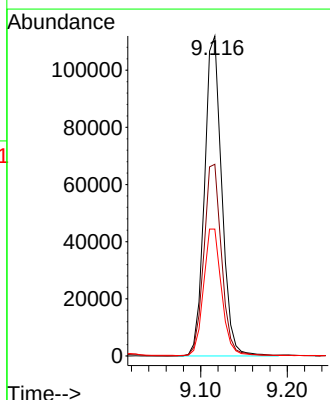
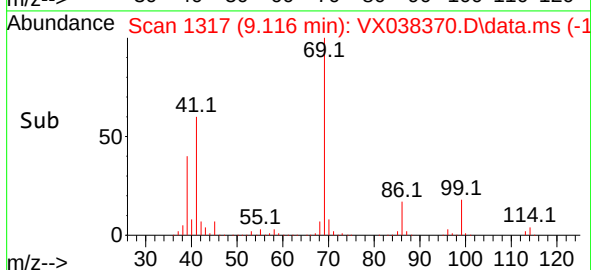
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

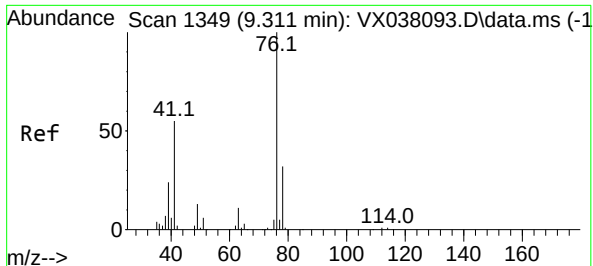


#56
Ethyl methacrylate
Concen: 54.187 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58



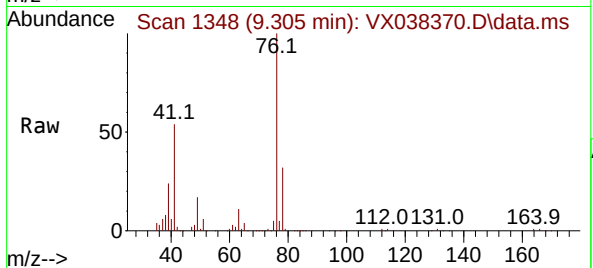
Tgt Ion: 69 Resp: 154886
Ion Ratio Lower Upper
69 100
41 62.1 56.8 85.2
39 41.5 32.0 48.0





#57
1,3-Dichloropropane
Concen: 54.569 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

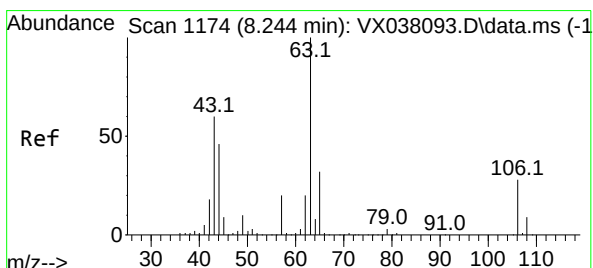
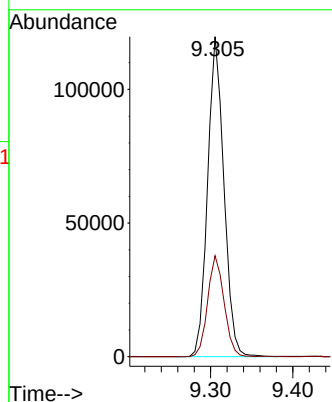
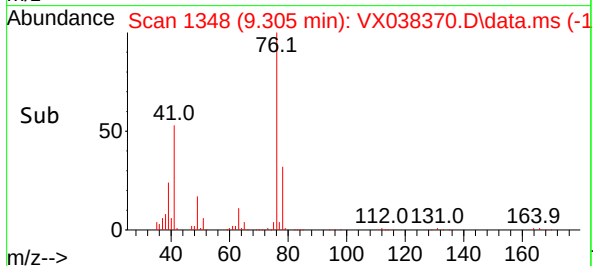
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 164540
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

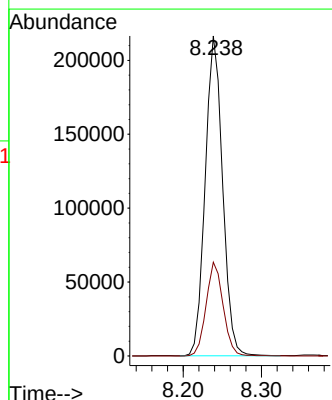
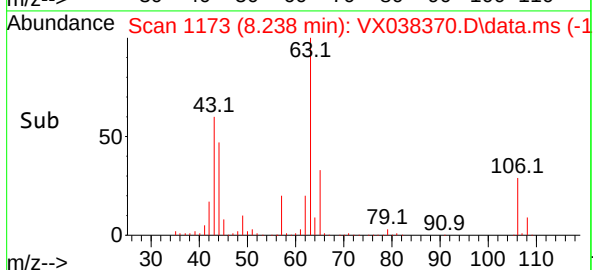
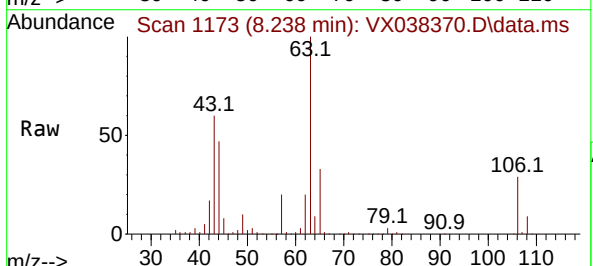
Manual Integrations
APPROVED

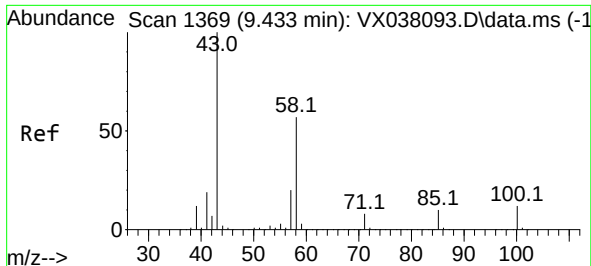
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 237.345 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 63 Resp: 333008
Ion Ratio Lower Upper
63 100
106 28.7 22.5 33.7





#59

2-Hexanone

Concen: 273.391 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 64298

Ion Ratio Lower Upper

43 100

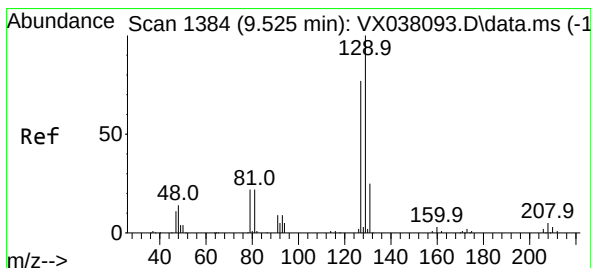
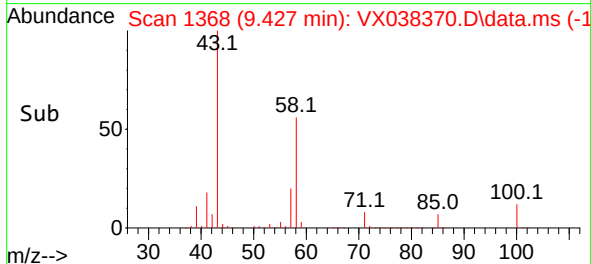
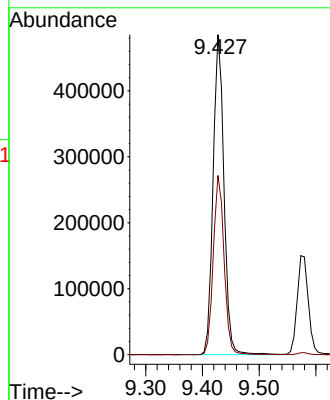
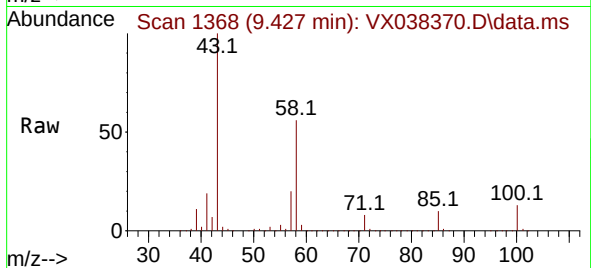
58 56.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#60

Dibromochloromethane

Concen: 58.944 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038370.D

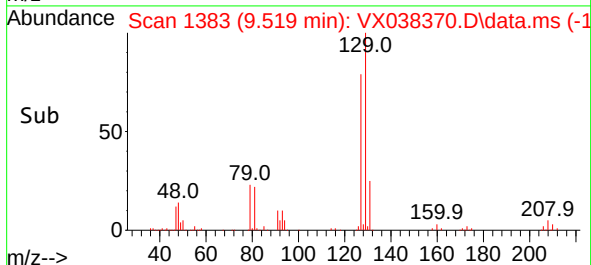
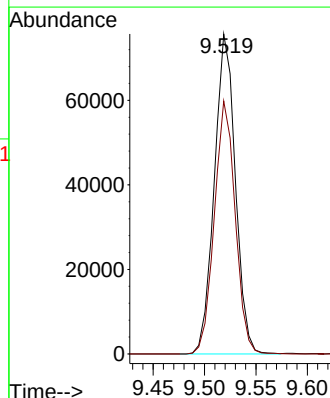
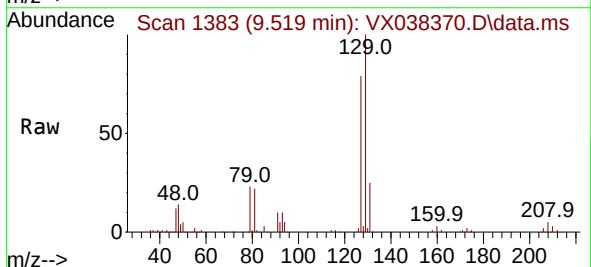
Acq: 19 Oct 2023 08:58

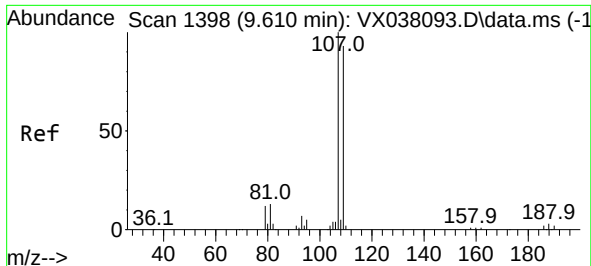
Tgt Ion:129 Resp: 107548

Ion Ratio Lower Upper

129 100

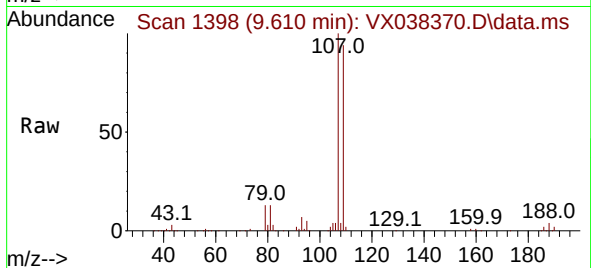
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.746 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

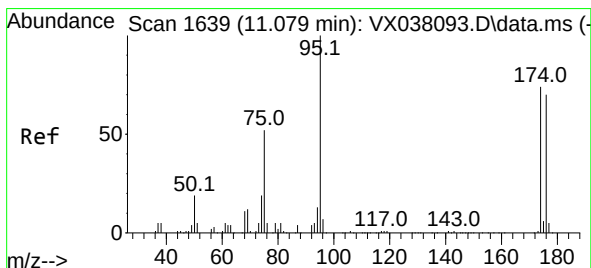
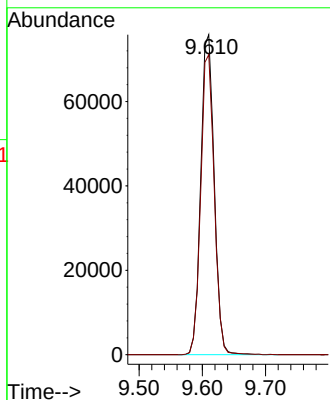
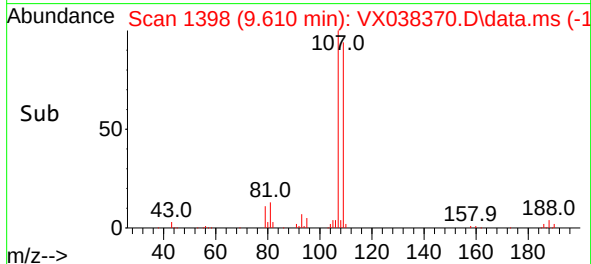
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



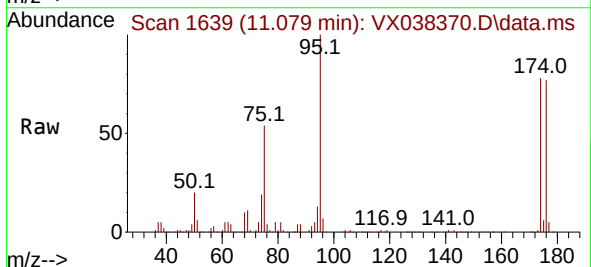
Tgt Ion:107 Resp: 112380
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

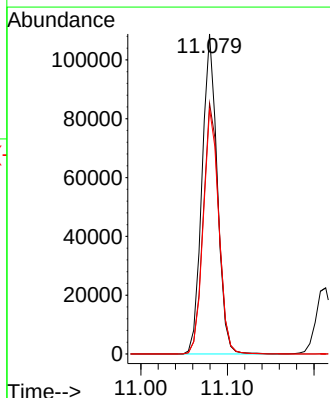
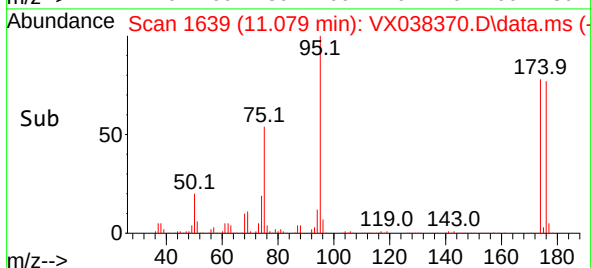
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

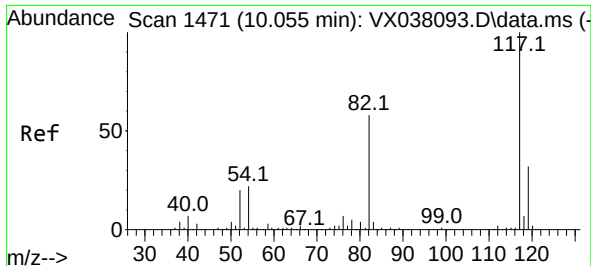


#62
4-Bromofluorobenzene
Concen: 52.813 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58



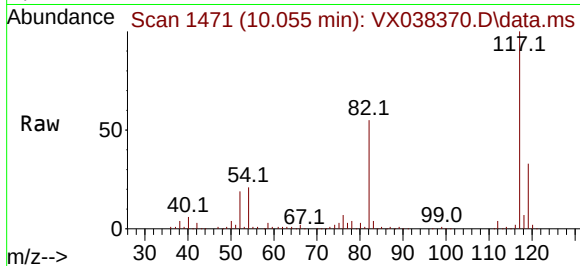
Tgt Ion: 95 Resp: 132727
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 78.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

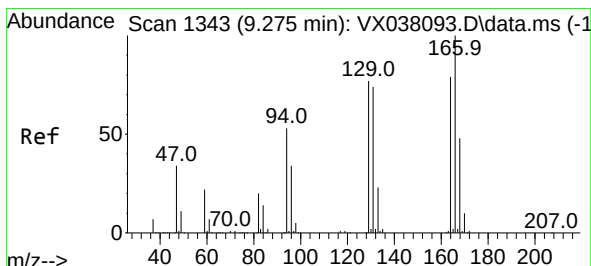
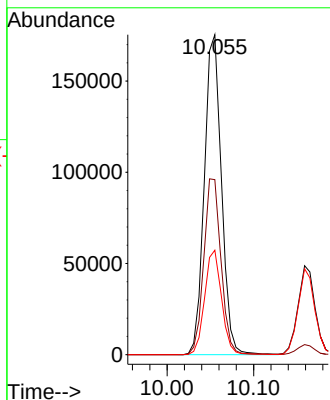
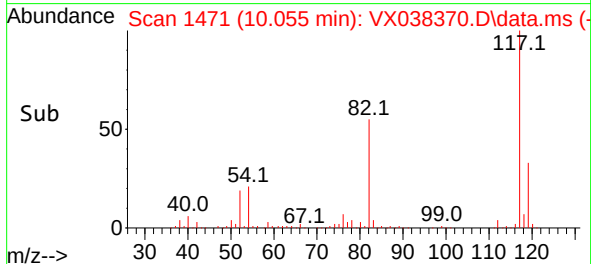
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 24125
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.7 25.5 38.3

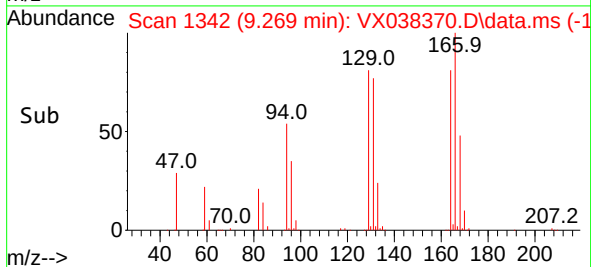
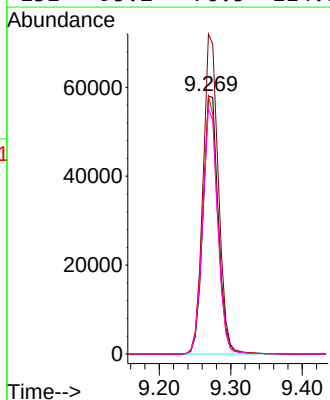
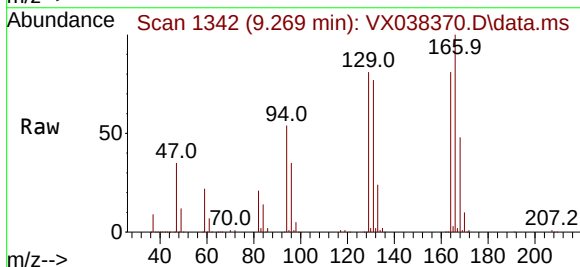
Manual Integrations
APPROVED

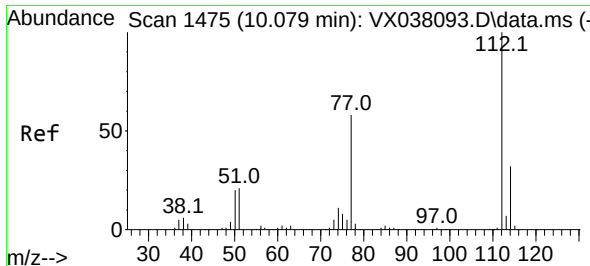
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 55.123 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

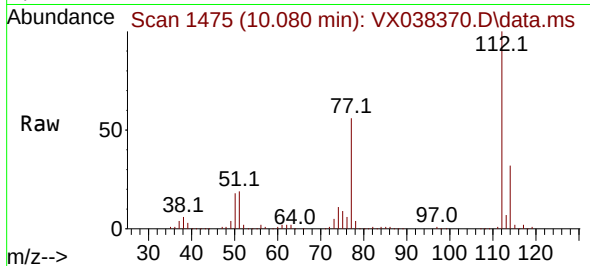
Tgt Ion:164 Resp: 86092
Ion Ratio Lower Upper
164 100
166 124.1 102.7 154.1
129 99.9 80.4 120.6
131 95.2 76.5 114.7





#65
Chlorobenzene
Concen: 52.910 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

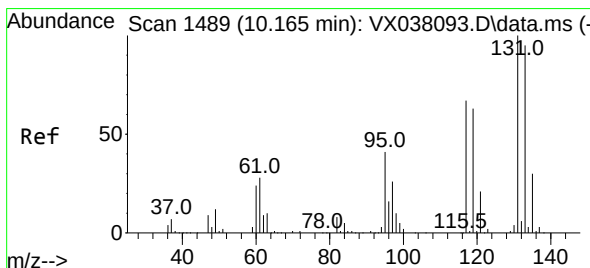
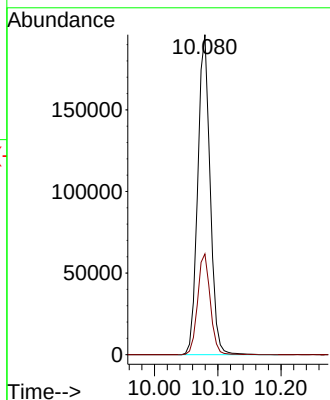
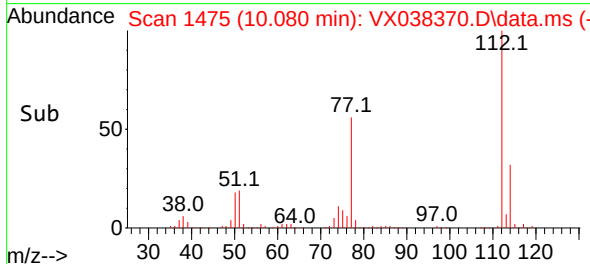
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 26711
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

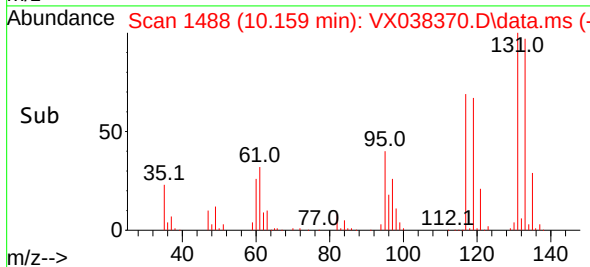
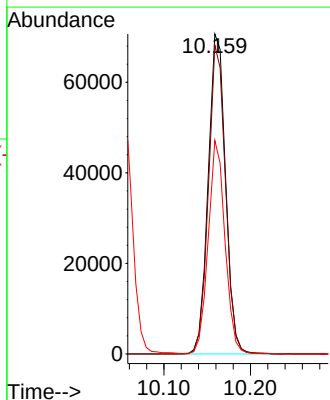
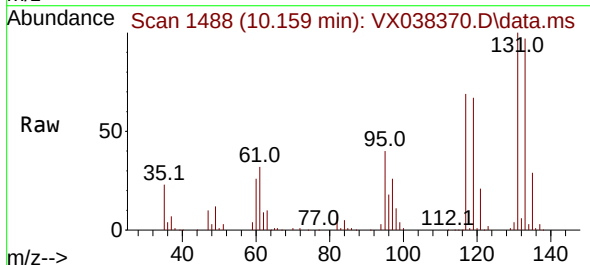
Manual Integrations
APPROVED

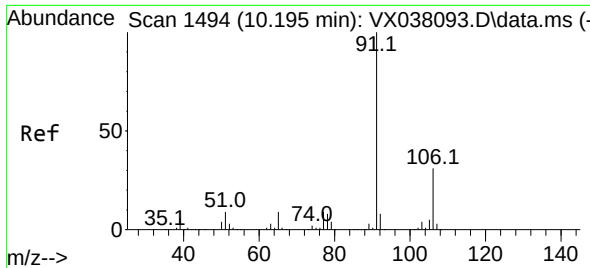
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.707 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

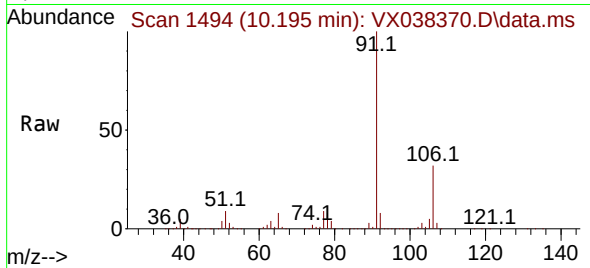
Tgt Ion:131 Resp: 98514
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 53.502 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

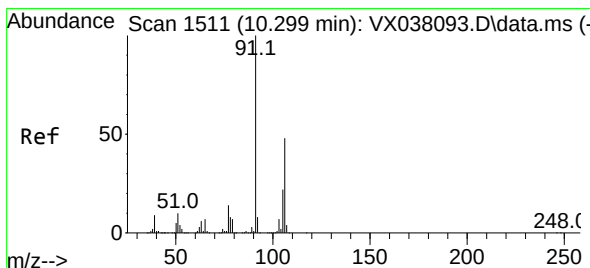
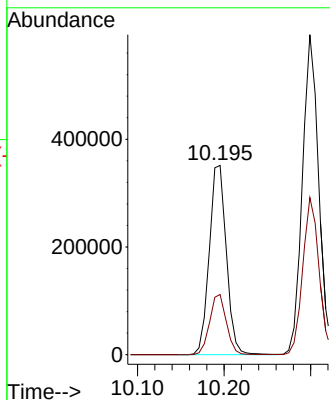
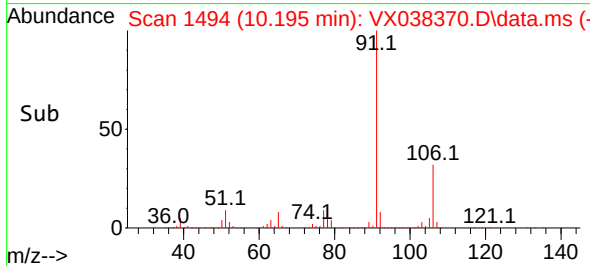
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



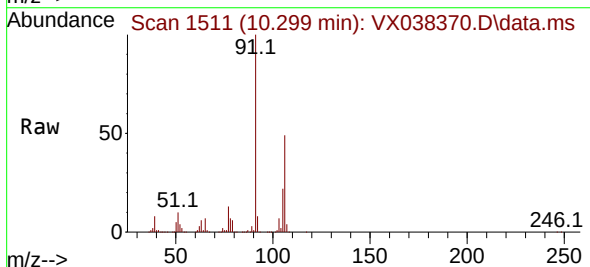
Tgt Ion: 91 Resp: 482125
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

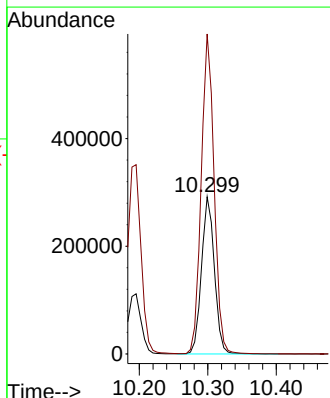
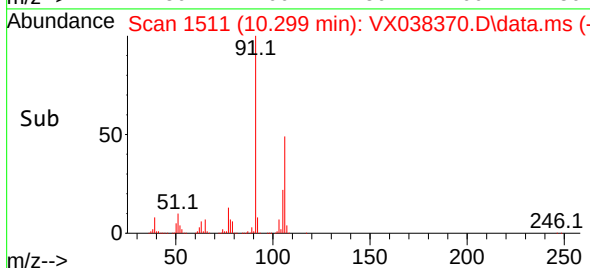
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

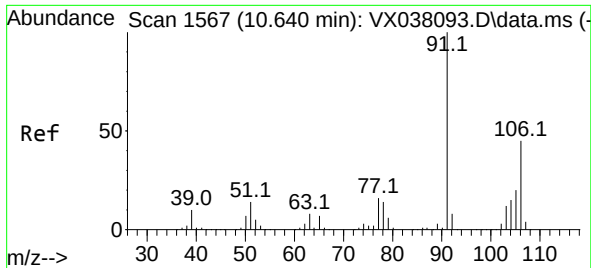


#68
m/p-Xylenes
Concen: 109.862 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58



Tgt Ion:106 Resp: 382800
Ion Ratio Lower Upper
106 100
91 203.3 165.5 248.3





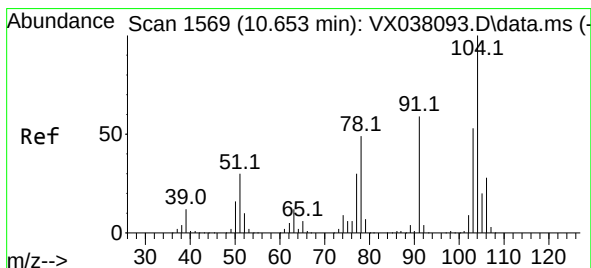
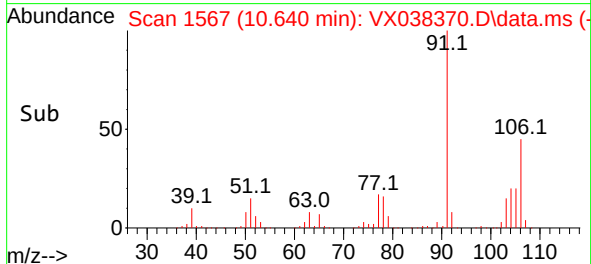
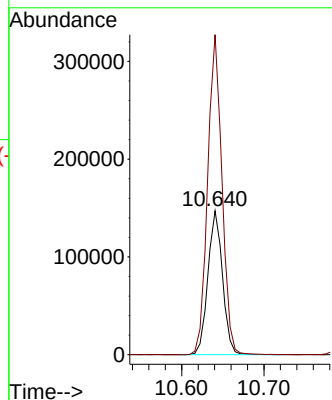
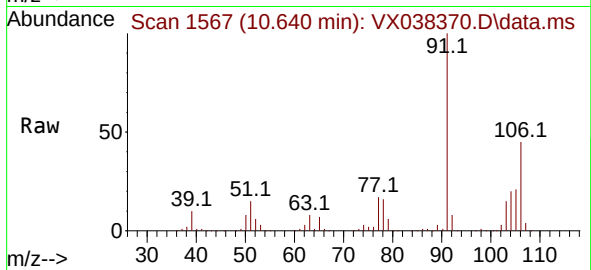
#69
o-Xylene
Concen: 53.341 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 181398
Ion Ratio Lower Upper
106 100
91 218.6 108.9 326.8

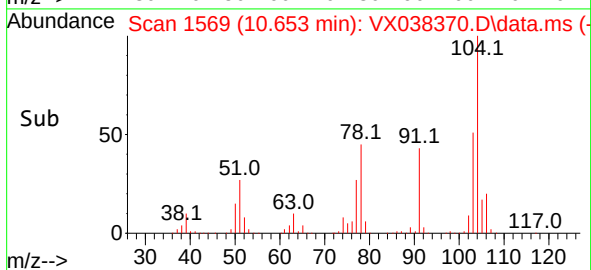
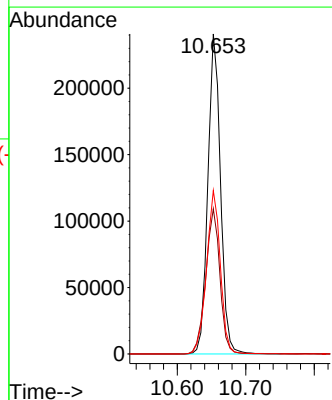
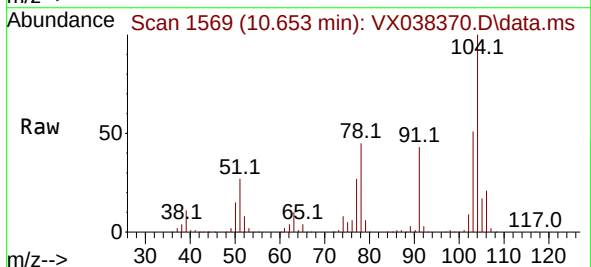
Manual Integrations
APPROVED

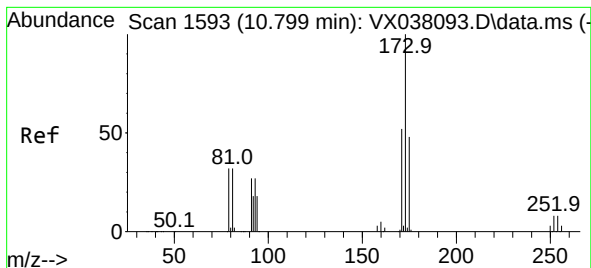
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 55.914 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion:104 Resp: 309664
Ion Ratio Lower Upper
104 100
78 50.9 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 51.659 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

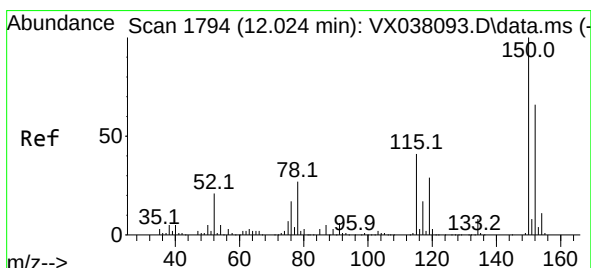
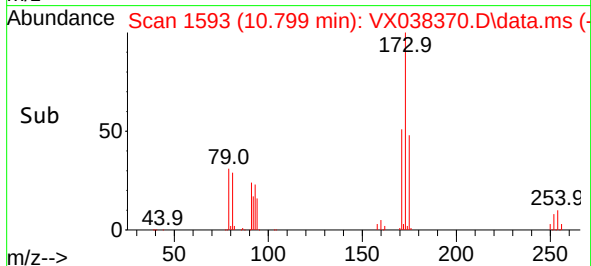
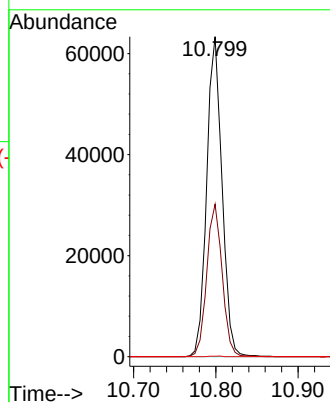
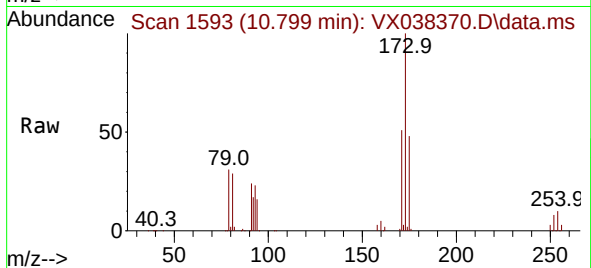
Tgt Ion:173 Resp: 81973
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

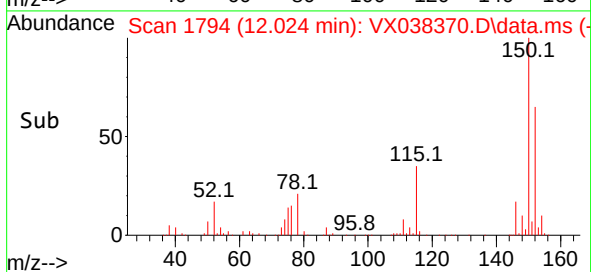
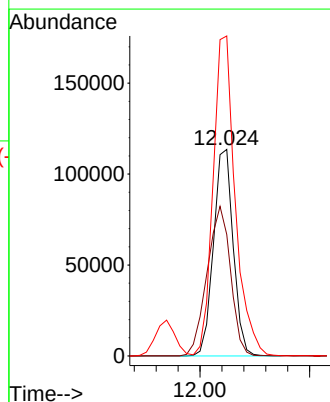
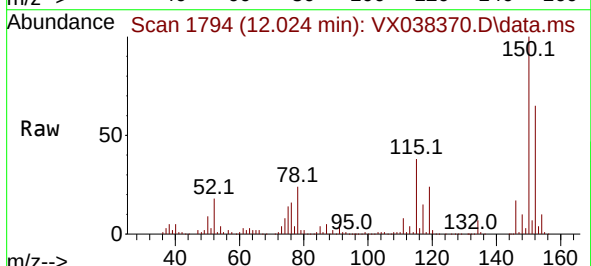
RT: 12.024 min Scan# 1794

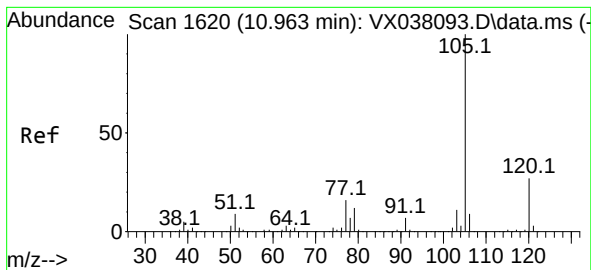
Delta R.T. 0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Tgt Ion:152 Resp: 141938
 Ion Ratio Lower Upper
 152 100
 115 86.3 43.3 129.9
 150 173.3 0.0 345.0





#73

Isopropylbenzene

Concen: 52.008 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 49505

Ion Ratio Lower Upper

105 100

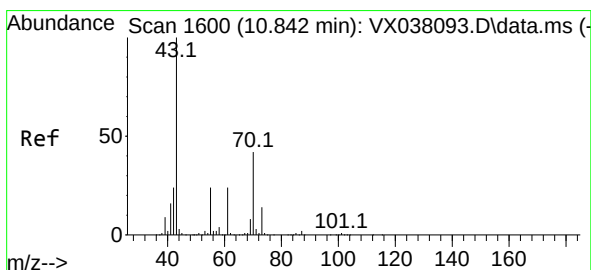
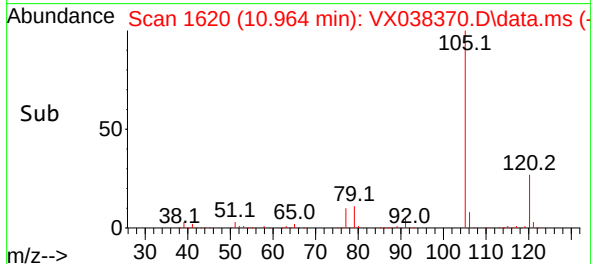
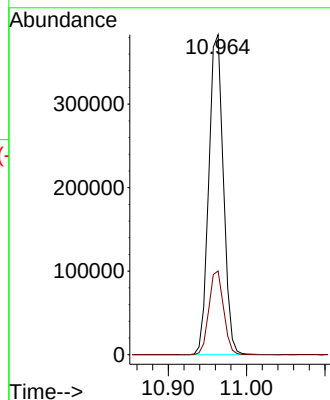
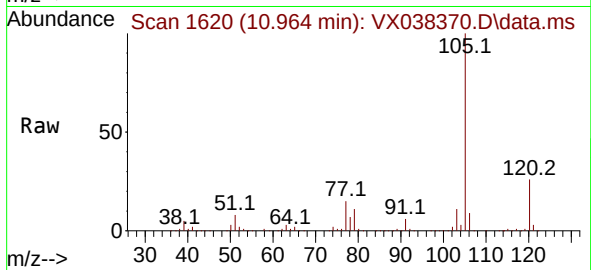
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 51.156 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Tgt Ion: 43 Resp: 207942

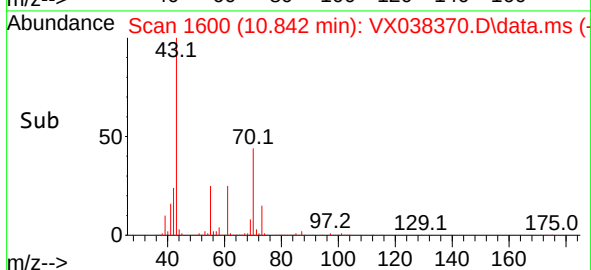
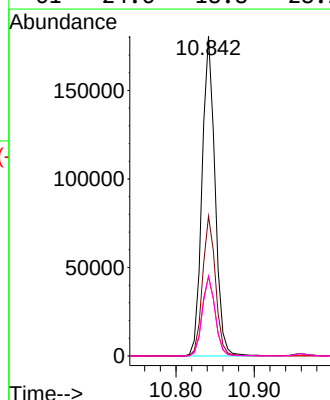
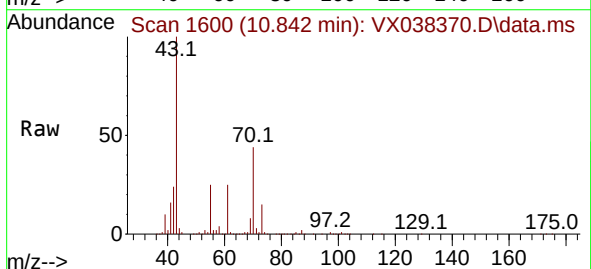
Ion Ratio Lower Upper

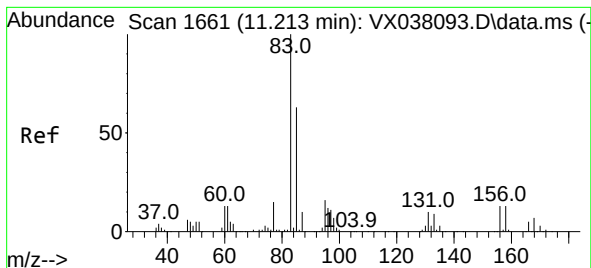
43 100

70 43.4 32.9 49.3

55 25.0 19.3 28.9

61 24.6 18.8 28.2





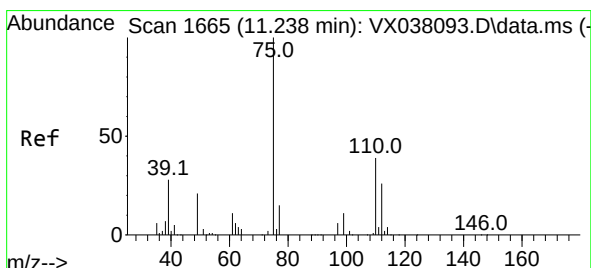
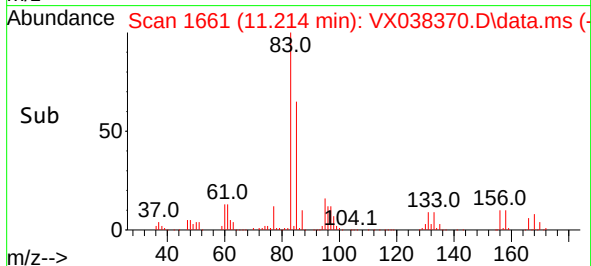
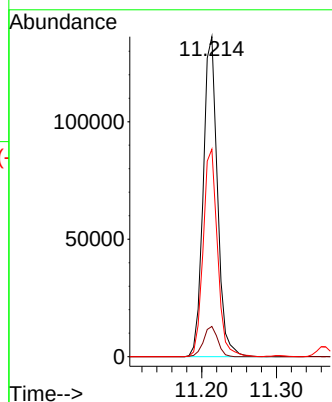
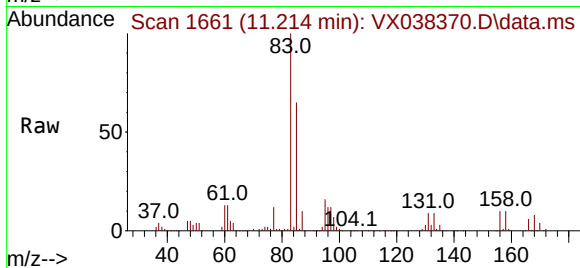
#75
1,1,2,2-Tetrachloroethane
Concen: 51.459 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 179738
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 65.4 32.0 96.2

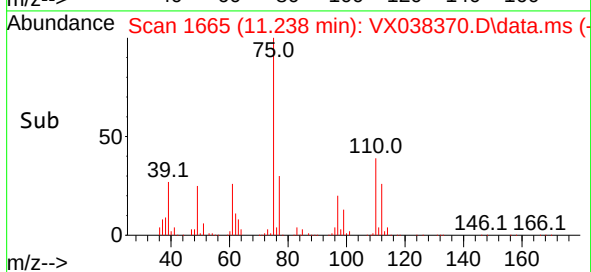
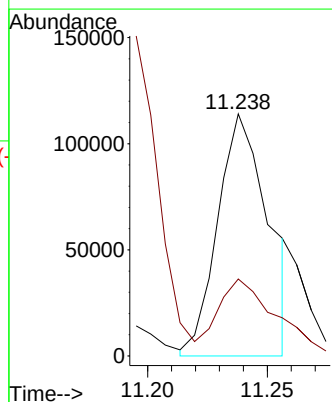
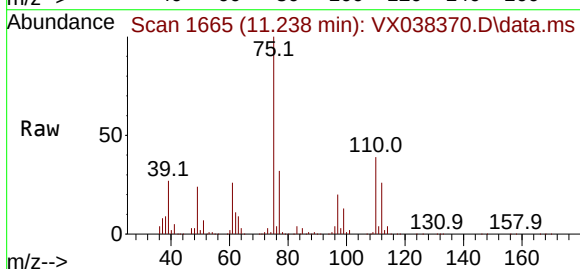
Manual Integrations
APPROVED

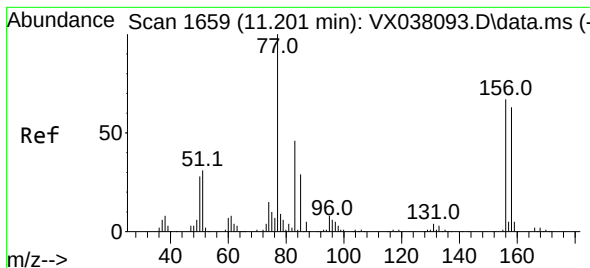
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 51.847 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 75 Resp: 167299
Ion Ratio Lower Upper
75 100
77 36.8 19.1 57.5





#77

Bromobenzene

Concen: 50.991 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038370.D

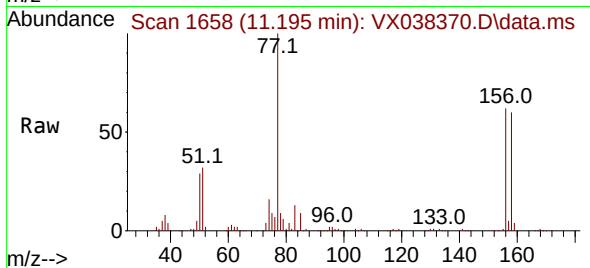
Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 118500

Ion Ratio Lower Upper

156 100

77 160.0 88.4 265.3

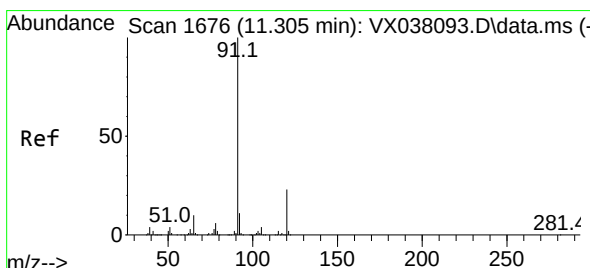
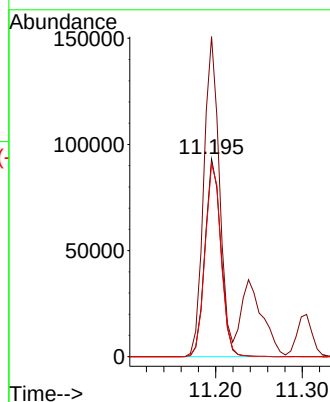
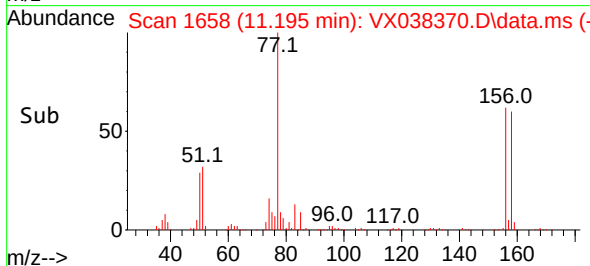
158 98.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 51.624 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038370.D

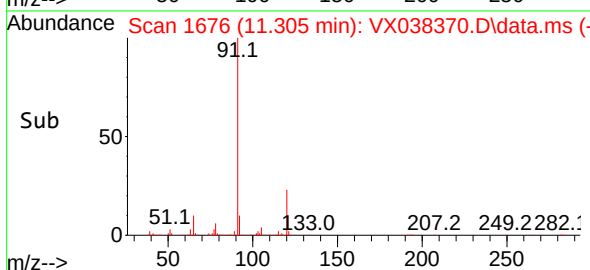
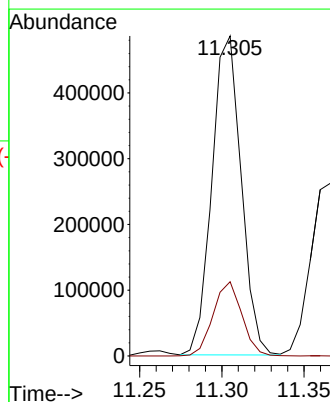
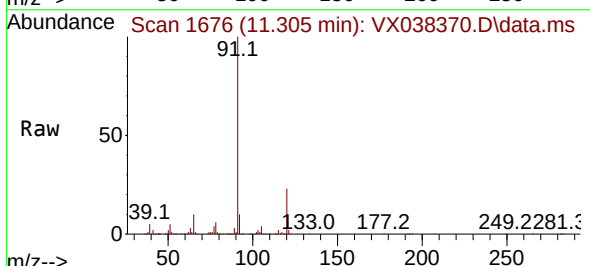
Acq: 19 Oct 2023 08:58

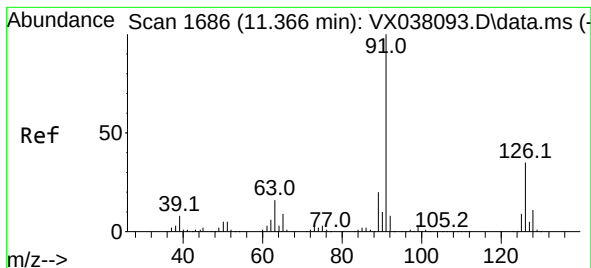
Tgt Ion: 91 Resp: 600857

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.201 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

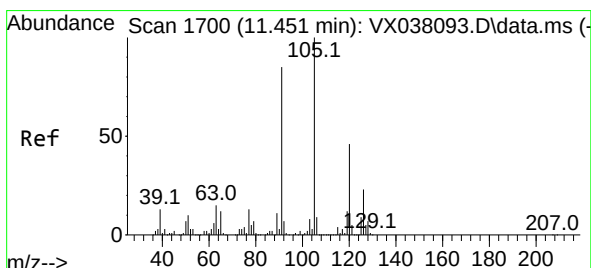
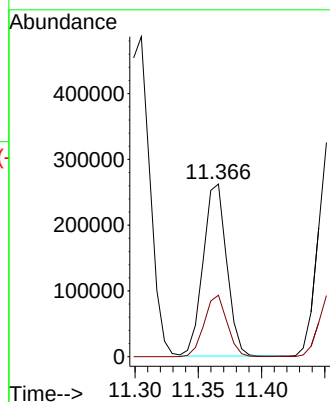
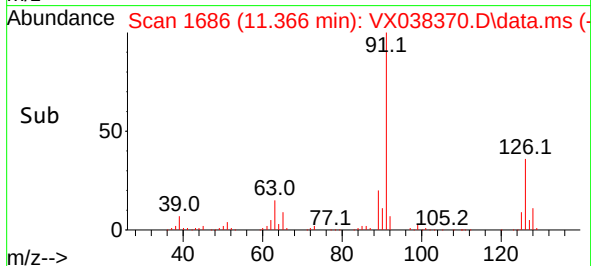
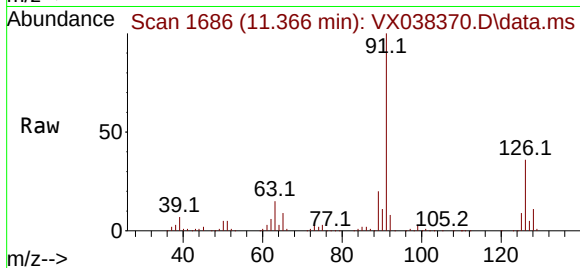
VSTDCCC050

Tgt Ion: 91 Resp: 339614
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

Manual Integrations

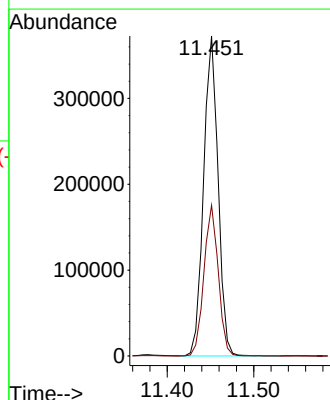
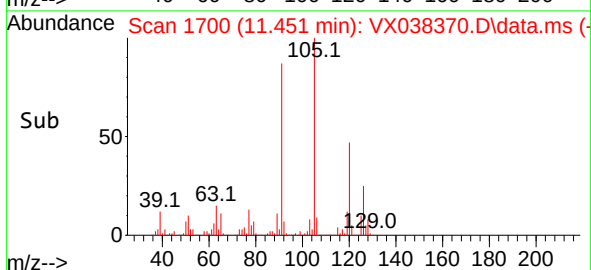
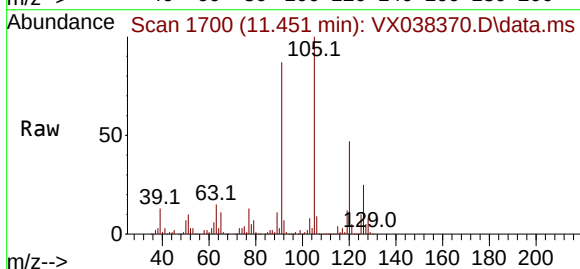
APPROVED

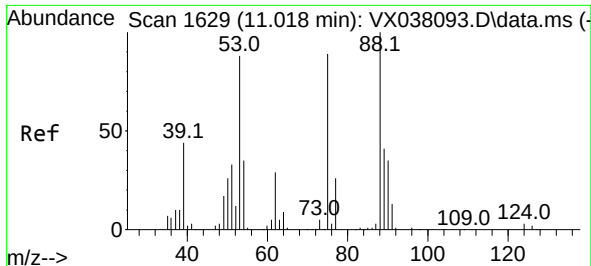
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.553 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion:105 Resp: 431575
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





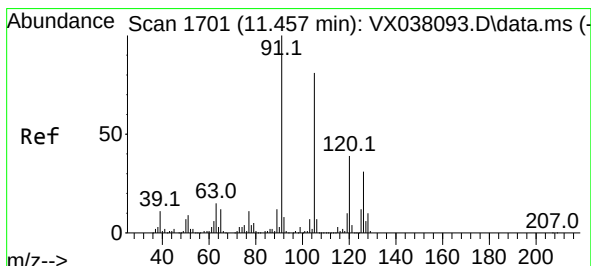
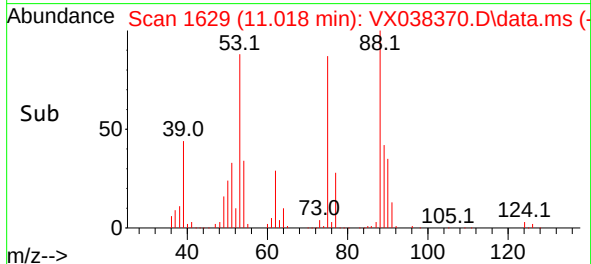
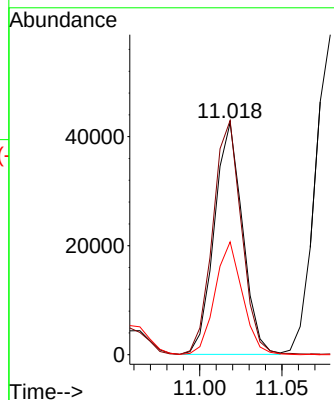
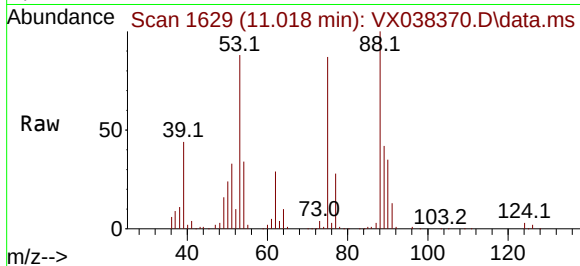
#81
trans-1,4-Dichloro-2-butene
Concen: 46.258 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 50750
Ion Ratio Lower Upper
75 100
53 102.8 90.5 135.7
89 47.5 36.9 55.3

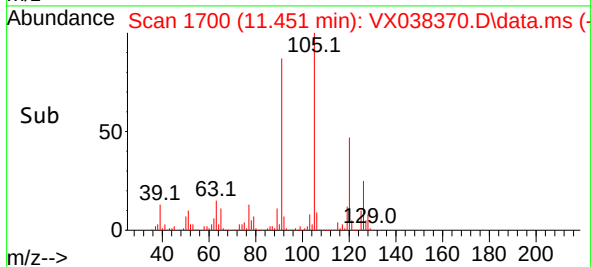
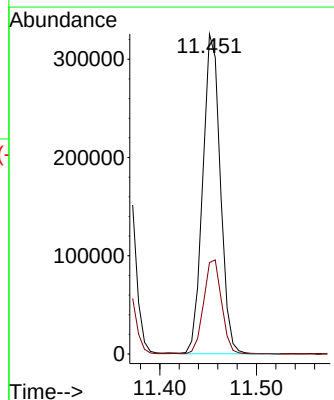
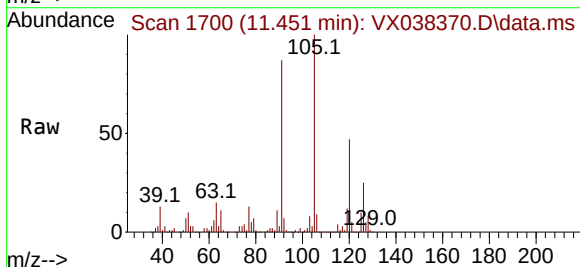
Manual Integrations
APPROVED

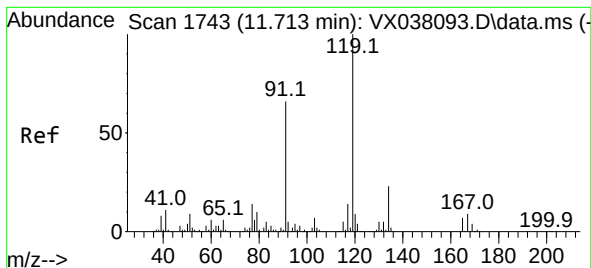
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 50.377 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

Tgt Ion: 91 Resp: 411476
Ion Ratio Lower Upper
91 100
126 30.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.799 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 42368

Ion Ratio Lower Upper

119 100

91 59.1 31.2 93.6

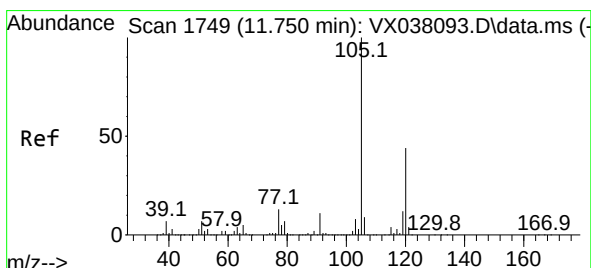
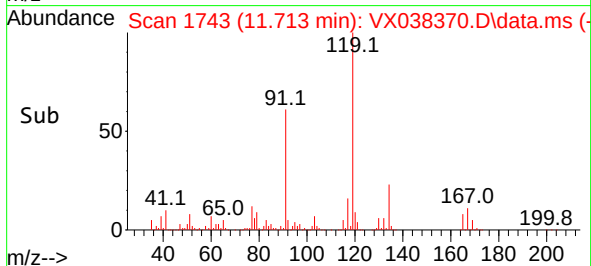
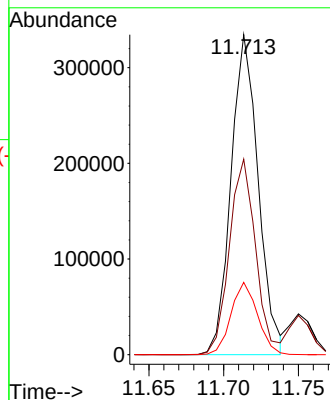
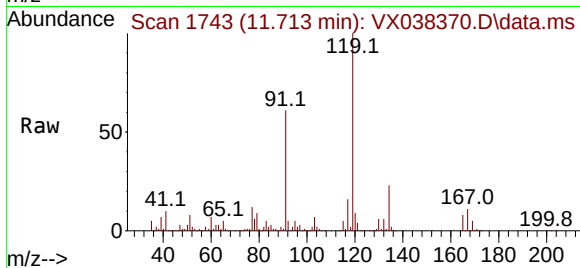
134 22.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.199 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038370.D

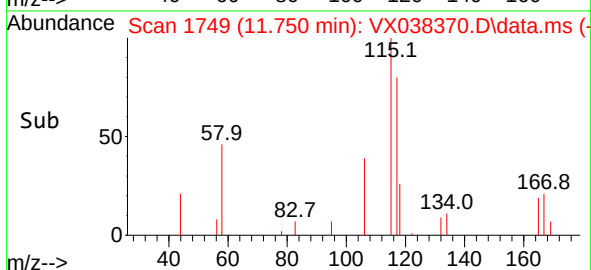
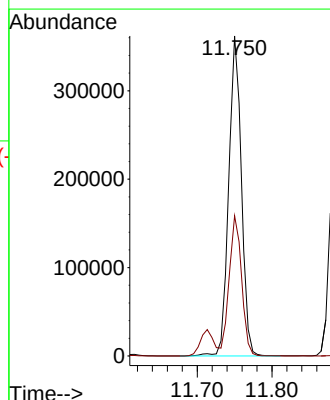
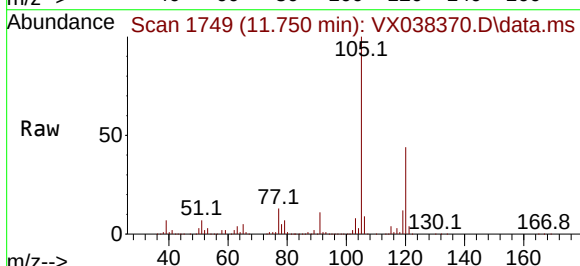
Acq: 19 Oct 2023 08:58

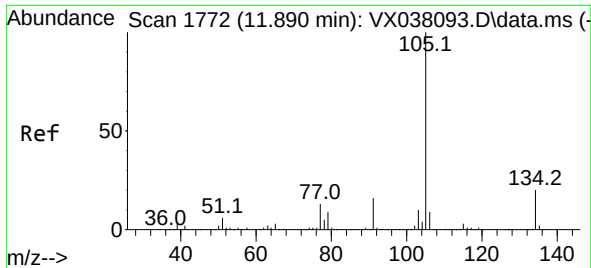
Tgt Ion:105 Resp: 427410

Ion Ratio Lower Upper

105 100

120 42.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.589 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038370.D
 Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

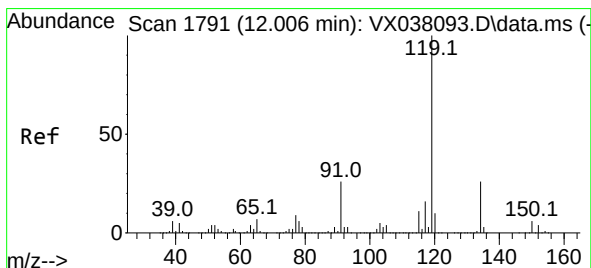
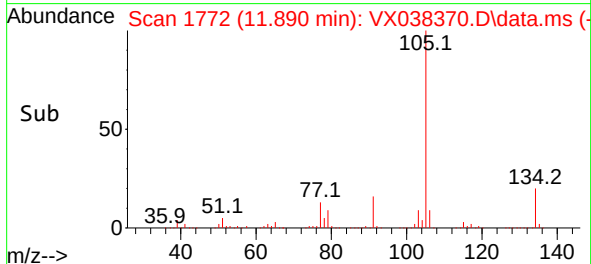
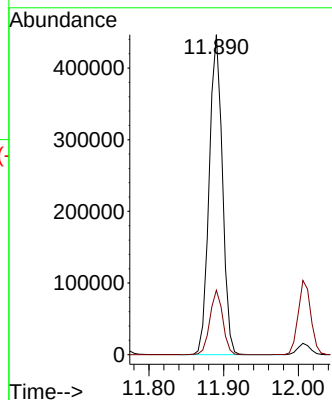
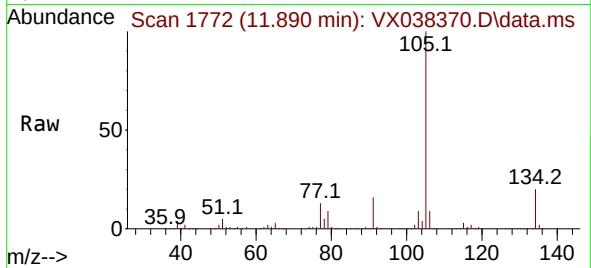
VSTDCCC050

Tgt Ion:105 Resp: 54664
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations

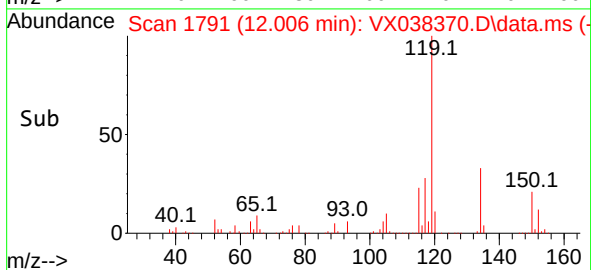
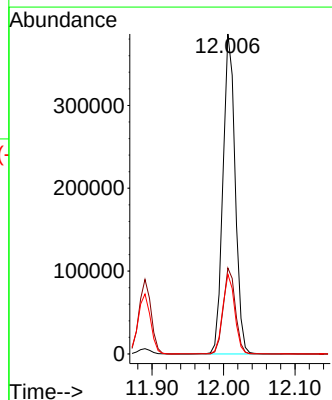
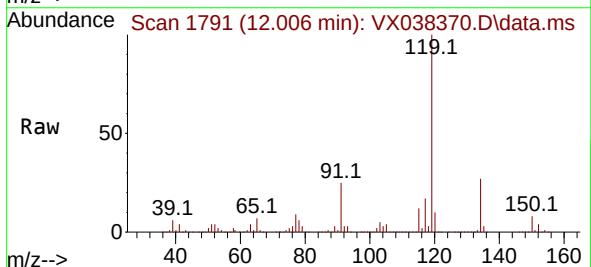
APPROVED

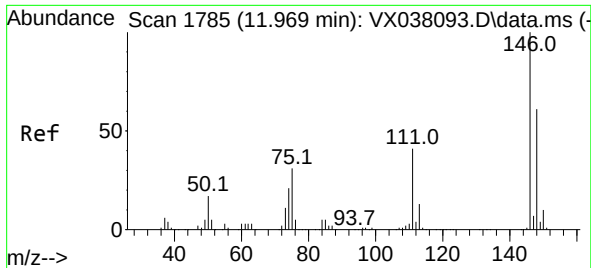
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 53.531 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038370.D
 Acq: 19 Oct 2023 08:58

Tgt Ion:119 Resp: 459085
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 24.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.405 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 239940

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.1

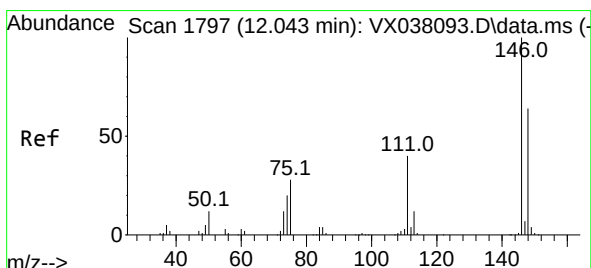
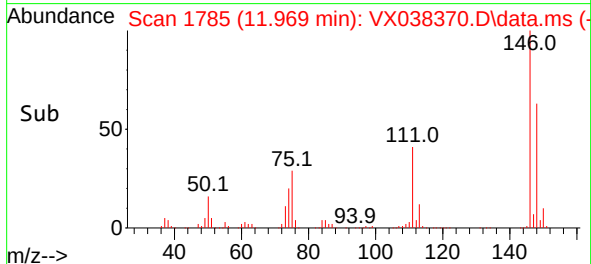
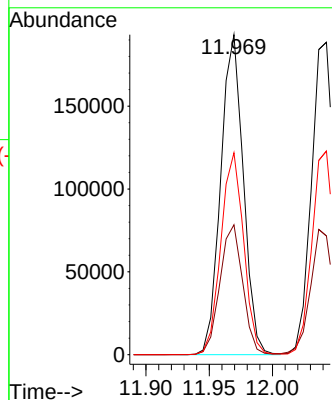
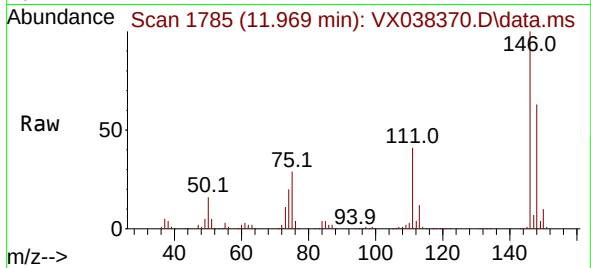
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 51.352 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

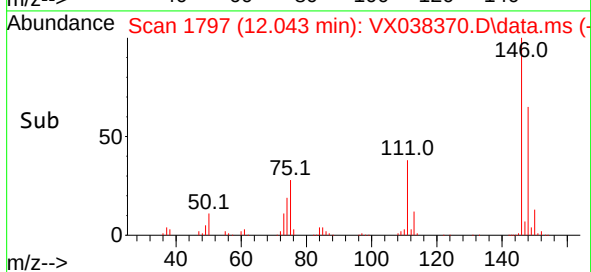
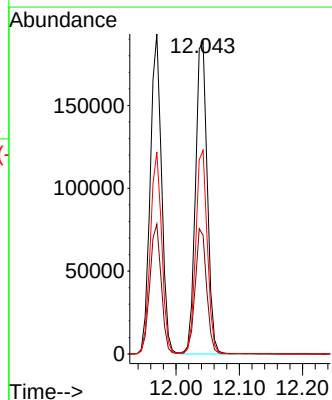
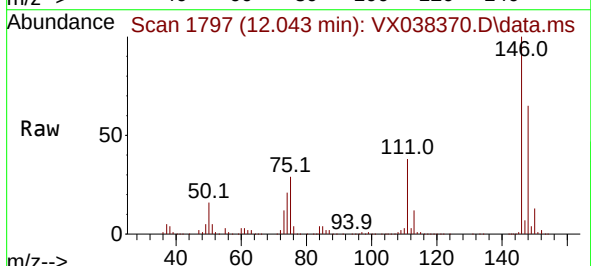
Tgt Ion:146 Resp: 244714

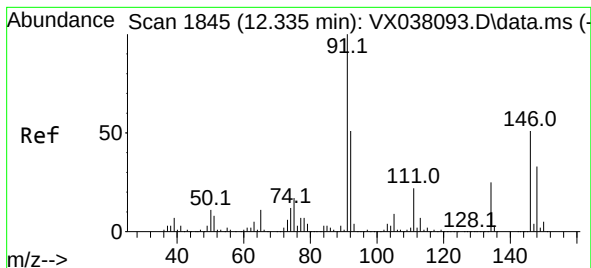
Ion Ratio Lower Upper

146 100

111 39.2 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 52.959 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 452320

Ion Ratio Lower Upper

91 100

92 51.4 27.4 82.0

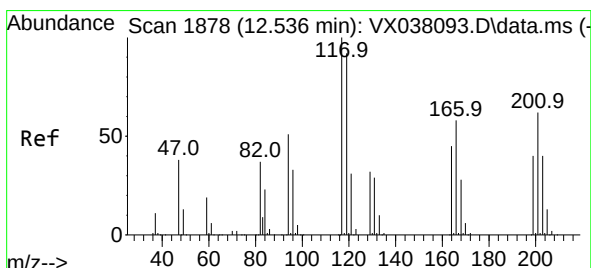
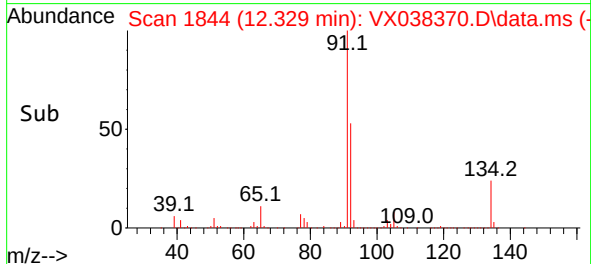
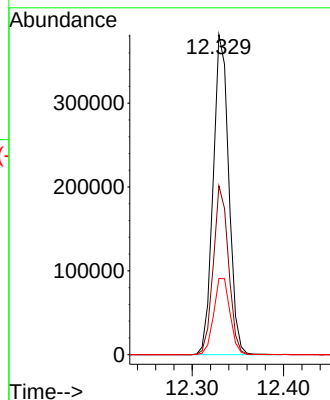
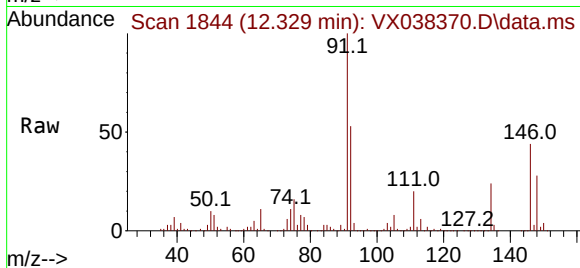
134 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 55.618 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038370.D

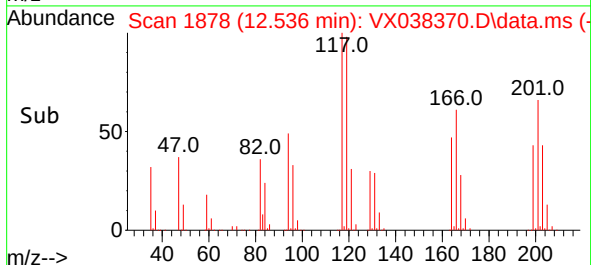
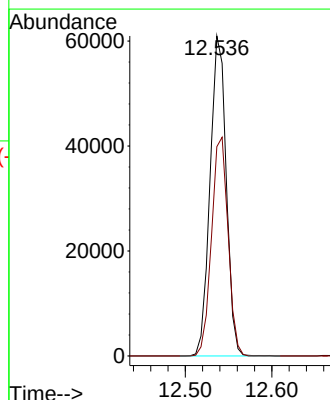
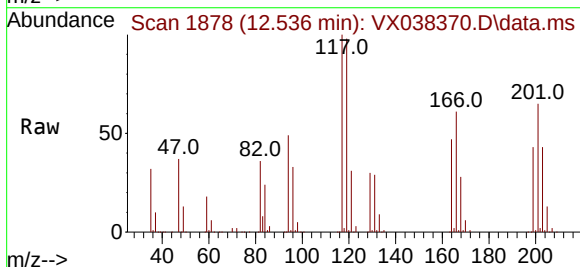
Acq: 19 Oct 2023 08:58

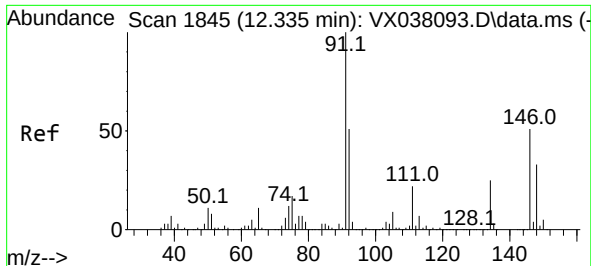
Tgt Ion:117 Resp: 79085

Ion Ratio Lower Upper

117 100

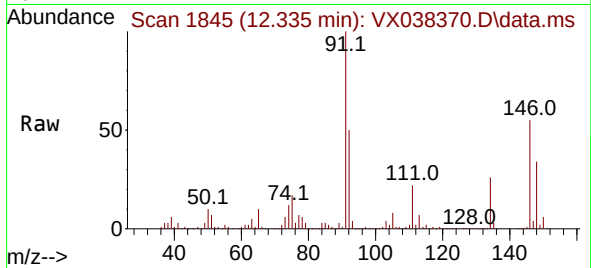
201 69.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.295 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

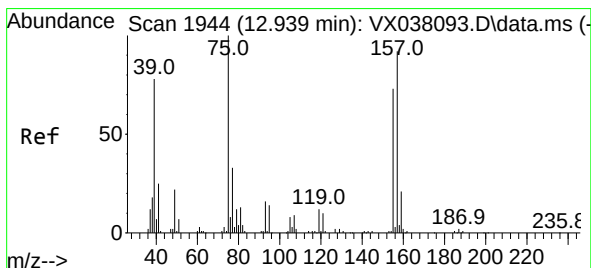
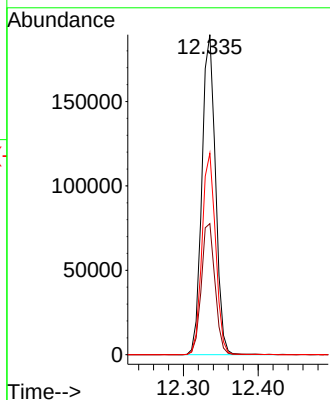
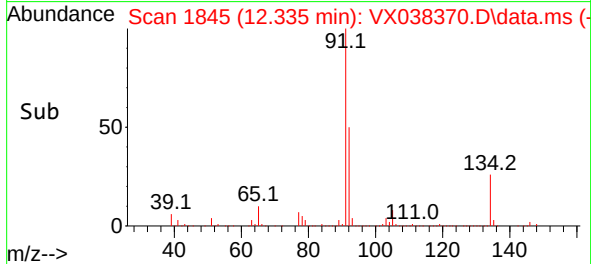
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



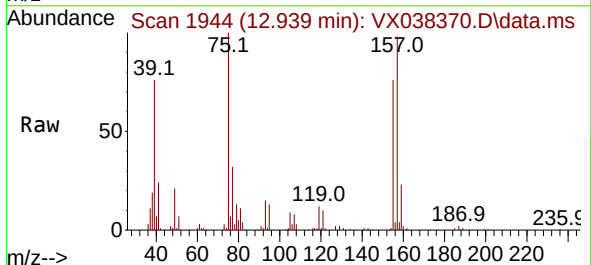
Tgt Ion:146 Resp: 23912
Ion Ratio Lower Upper
146 100
111 41.3 22.4 67.0
148 63.0 31.6 95.0

Manual Integrations
APPROVED

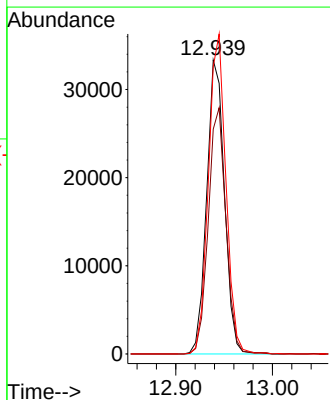
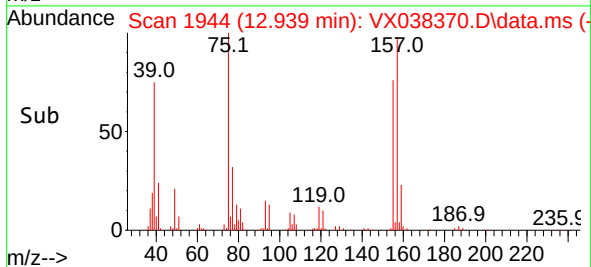
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

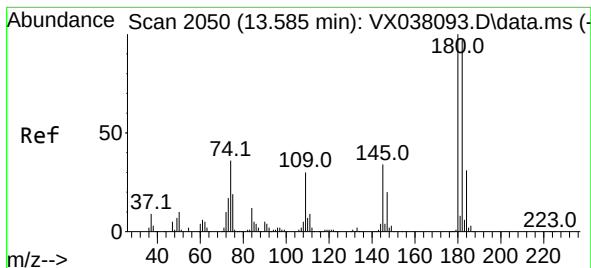


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.497 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58



Tgt Ion: 75 Resp: 42645
Ion Ratio Lower Upper
75 100
155 83.1 36.1 108.5
157 107.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.625 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 161370

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

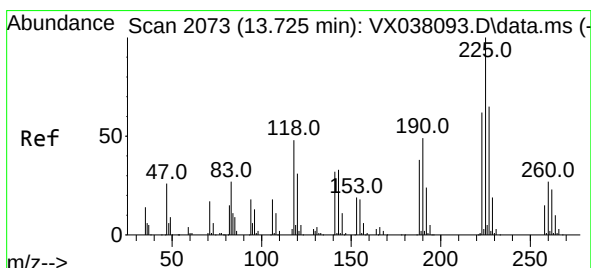
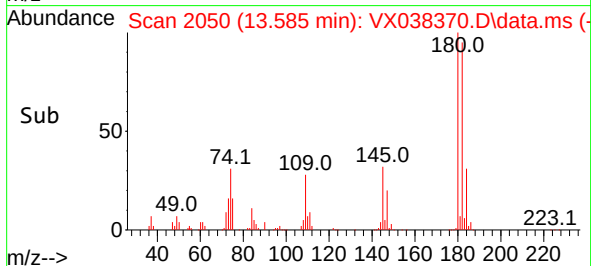
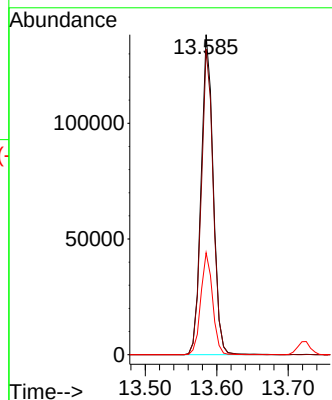
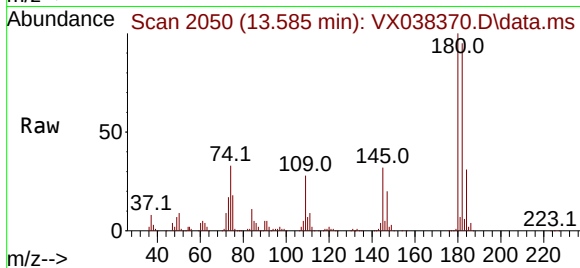
145 31.1 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 57.508 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038370.D

Acq: 19 Oct 2023 08:58

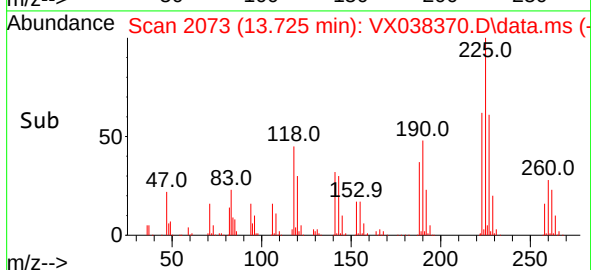
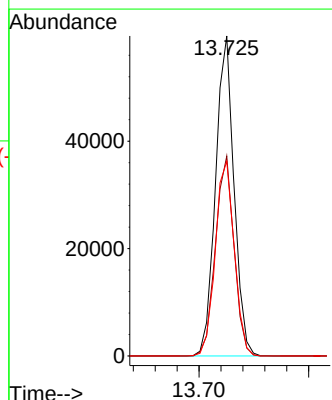
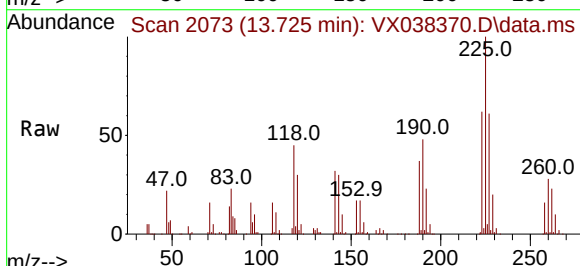
Tgt Ion:225 Resp: 69655

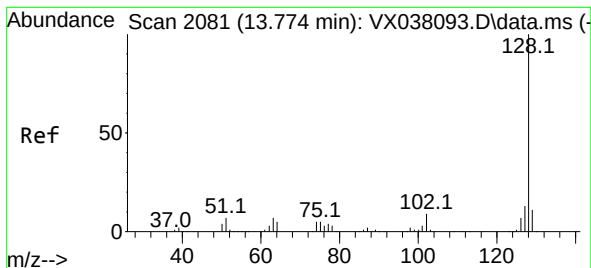
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

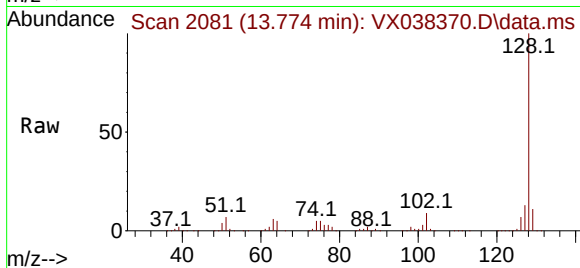
227 62.6 32.5 97.5





#95
Naphthalene
Concen: 51.107 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58

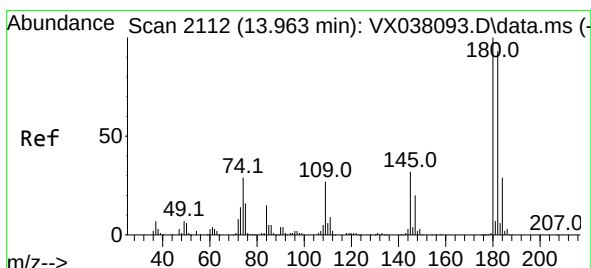
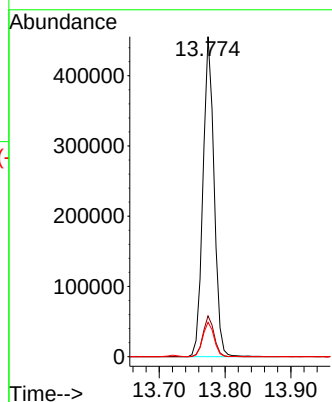
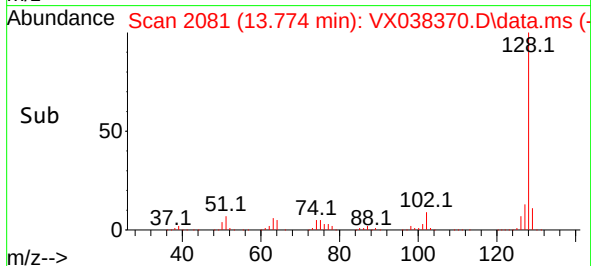
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



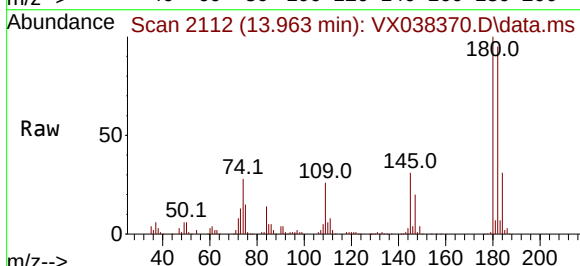
Tgt Ion:128 Resp: 535592
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.501 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038370.D
Acq: 19 Oct 2023 08:58



Tgt Ion:180 Resp: 155894
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.6
145 32.9 17.8 53.5

