

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038419.D
 Acq On : 23 Oct 2023 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2023
 Supervised By : Semsettin Yesilyurt 10/24/2023

Quant Time: Oct 23 23:56:41 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146089	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	249817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117711	50.095	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.200%			
35) Dibromofluoromethane	5.379	113	96845	53.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.600%			
50) Toluene-d8	8.647	98	333866	48.537	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.079	95	134920	51.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	76194	54.033	ug/l	98
3) Chloromethane	1.294	50	75339	52.420	ug/l	97
4) Vinyl Chloride	1.374	62	79343	49.791	ug/l	99
5) Bromomethane	1.593	94	151471	72.763	ug/l	100
6) Chloroethane	1.685	64	56610	48.676	ug/l	96
7) Trichlorofluoromethane	1.886	101	146808	46.642	ug/l	99
8) Diethyl Ether	2.130	74	59564	50.741	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	76117	55.395	ug/l	99
10) Methyl Iodide	2.453	142	106365	53.800	ug/l	94
11) Tert butyl alcohol	2.953	59	141762	274.386	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	71219	53.284	ug/l	85
13) Acrolein	2.233	56	96763	289.673	ug/l	99
14) Allyl chloride	2.660	41	123776	51.774	ug/l	# 94
15) Acrylonitrile	3.056	53	290818	271.965	ug/l	99
16) Acetone	2.374	43	286725	292.378	ug/l	92
17) Carbon Disulfide	2.508	76	180076	46.745	ug/l	98
18) Methyl Acetate	2.697	43	241171	57.347	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	302042	56.740	ug/l	96
20) Methylene Chloride	2.788	84	97292	52.744	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	86234	52.108	ug/l	87
22) Diisopropyl ether	3.757	45	271317	54.149	ug/l	# 87
23) Vinyl Acetate	3.715	43	1017258	276.844	ug/l	96
24) 1,1-Dichloroethane	3.605	63	158284	52.053	ug/l	98
25) 2-Butanone	4.544	43	418522	264.506	ug/l	90
26) 2,2-Dichloropropane	4.471	77	128092	53.954	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	107503	54.544	ug/l	89
28) Bromochloromethane	4.891	49	72317	52.682	ug/l	# 82
29) Tetrahydrofuran	4.995	42	262526	254.839	ug/l	87
30) Chloroform	5.086	83	181766	54.663	ug/l	93
31) Cyclohexane	5.464	56	115656	45.430	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	146600	51.472	ug/l	98
36) 1,1-Dichloropropene	5.690	75	118696	47.817	ug/l	97
37) Ethyl Acetate	4.702	43	152402	51.696	ug/l	97
38) Carbon Tetrachloride	5.672	117	126848	51.946	ug/l	99
39) Methylcyclohexane	7.379	83	140125	48.193	ug/l	92
40) Benzene	6.031	78	366500	52.788	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	79483	54.197	ug/l #	88
42) 1,2-Dichloroethane	6.080	62	146751	52.904	ug/l	98
43) Isopropyl Acetate	6.330	43	237024	53.857	ug/l	96
44) Trichloroethene	7.123	130	98751	54.381	ug/l	98
45) 1,2-Dichloropropane	7.427	63	98187	54.641	ug/l	100
46) Dibromomethane	7.580	93	78981	56.671	ug/l	96
47) Bromodichloromethane	7.818	83	144456	58.265	ug/l	98
48) Methyl methacrylate	7.690	41	114403	54.453	ug/l #	84
49) 1,4-Dioxane	7.659	88	50951	984.142	ug/l #	88
51) 4-Methyl-2-Pentanone	8.568	43	828239	272.841	ug/l	96
52) Toluene	8.714	92	240855	53.256	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	156248	58.712	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	163869	58.607	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	111904	57.848	ug/l	95
56) Ethyl methacrylate	9.116	69	167968	56.632	ug/l	91
57) 1,3-Dichloropropane	9.305	76	177457	56.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	380594	261.422	ug/l	98
59) 2-Hexanone	9.427	43	675786	276.916	ug/l	94
60) Dibromochloromethane	9.519	129	117409	62.014	ug/l	99
61) 1,2-Dibromoethane	9.610	107	121827	58.237	ug/l	100
64) Tetrachloroethene	9.275	164	81783	50.500	ug/l	98
65) Chlorobenzene	10.079	112	275019	52.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	101963	57.602	ug/l	98
67) Ethyl Benzene	10.189	91	474887	50.823	ug/l	100
68) m/p-Xylenes	10.299	106	369537	102.280	ug/l	97
69) o-Xylene	10.640	106	182979	51.891	ug/l	98
70) Styrene	10.653	104	312467	54.412	ug/l	96
71) Bromoform	10.799	173	91144	55.189	ug/l #	99
73) Isopropylbenzene	10.963	105	466246	48.764	ug/l	99
74) N-amyl acetate	10.842	43	217485	53.266	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	193248	55.081	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	180756m	55.768	ug/l	
77) Bromobenzene	11.195	156	123930	53.090	ug/l	89
78) n-propylbenzene	11.305	91	560589	47.950	ug/l	100
79) 2-Chlorotoluene	11.360	91	335207	48.347	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	416066	50.439	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	56326	50.683	ug/l	88
82) 4-Chlorotoluene	11.451	91	401337	48.917	ug/l	96
83) tert-Butylbenzene	11.713	119	403193	50.022	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	421072	51.197	ug/l	99
85) sec-Butylbenzene	11.890	105	511866	49.024	ug/l	99
86) p-Isopropyltoluene	12.006	119	434364	50.423	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	239597	51.102	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	247121	51.627	ug/l	98
89) n-Butylbenzene	12.329	91	416532	48.551	ug/l	97
90) Hexachloroethane	12.536	117	74929	52.461	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	240861	53.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45177	53.258	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	161217	53.334	ug/l	97
94) Hexachlorobutadiene	13.725	225	65664	53.972	ug/l	98
95) Naphthalene	13.774	128	559873	53.186	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	159541	54.509	ug/l	97

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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

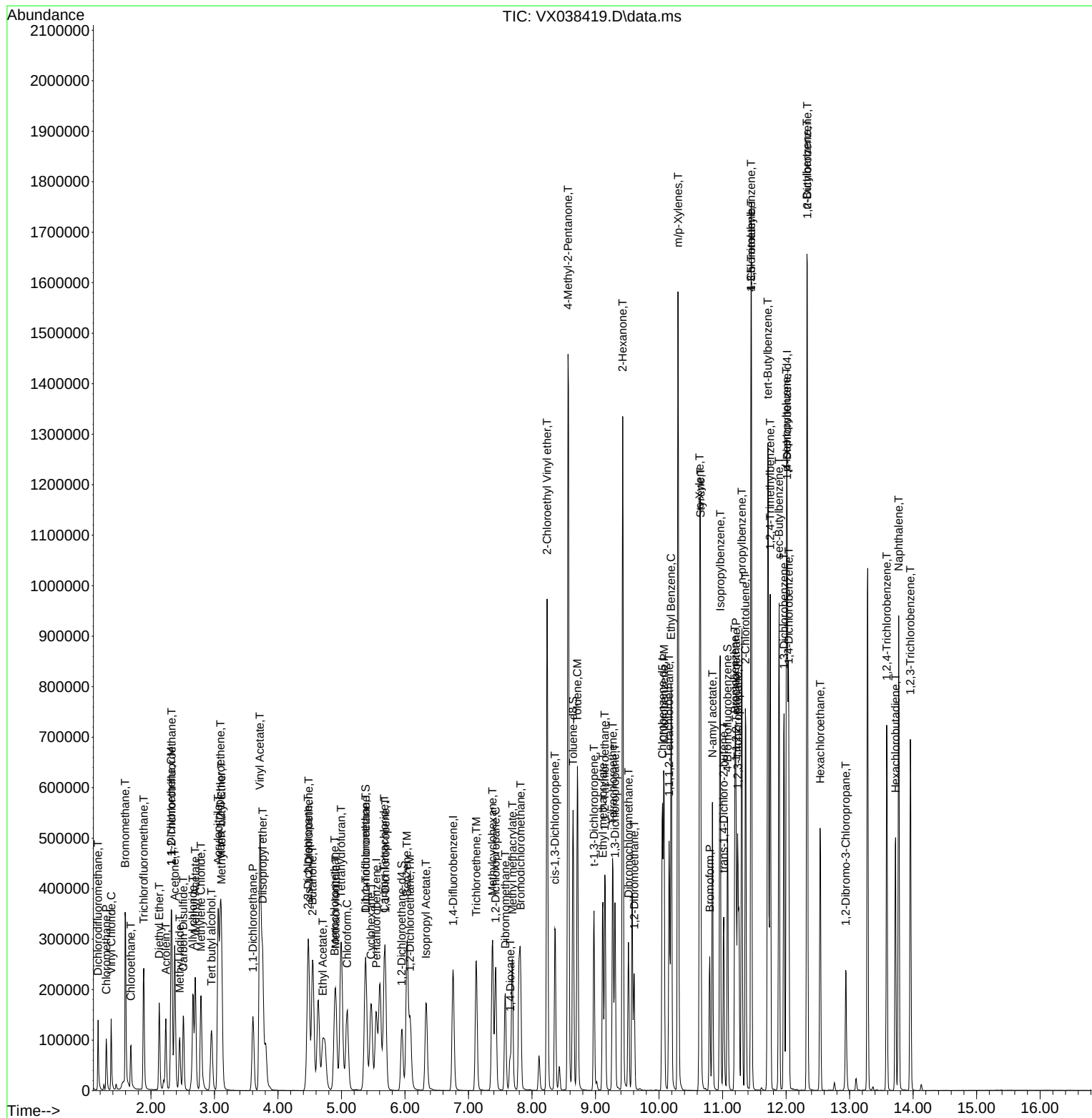
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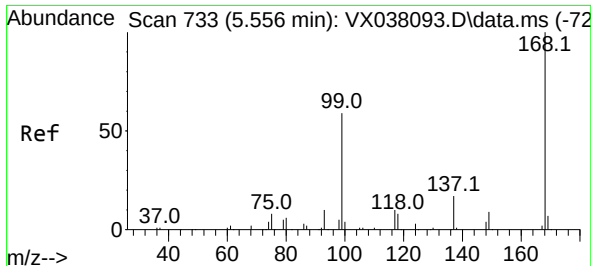
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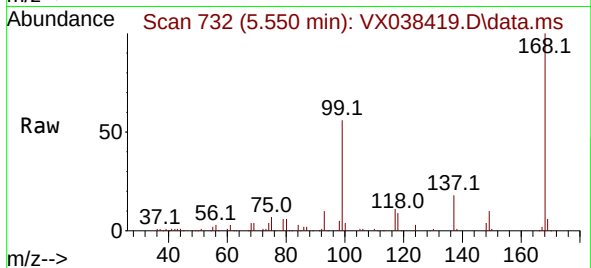
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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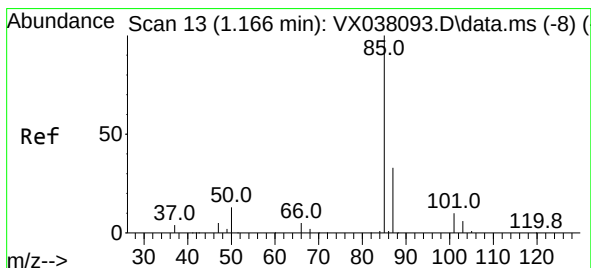
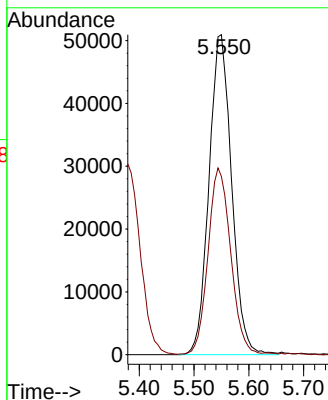
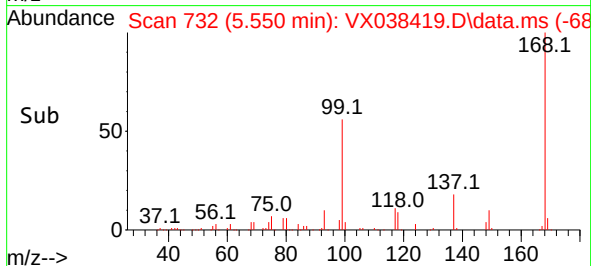
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MSVOA_X
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Tgt Ion:168 Resp: 146089
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0

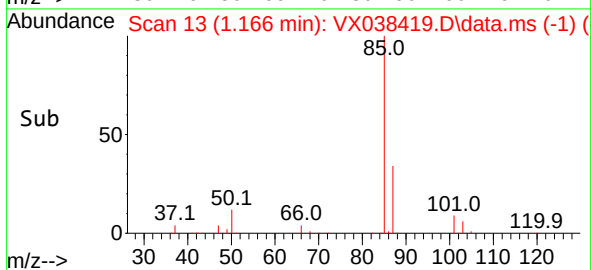
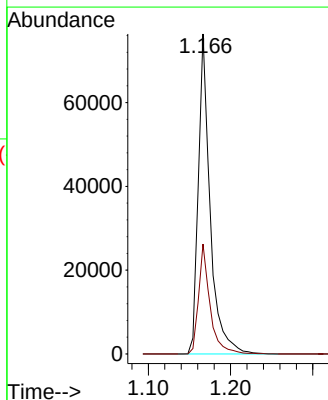
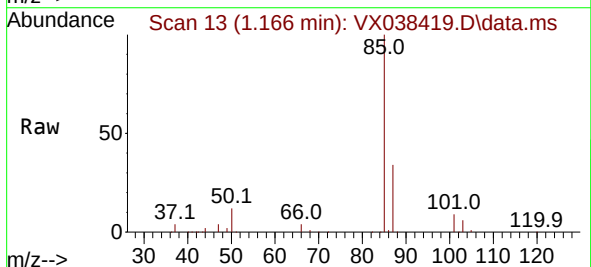
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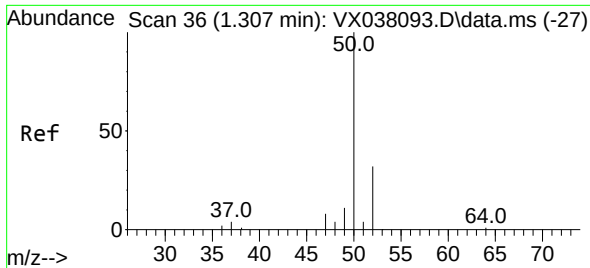
Reviewed By :John Carlone 10/24/2023
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#2
Dichlorodifluoromethane
Concen: 54.033 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 85 Resp: 76194
Ion Ratio Lower Upper
85 100
87 34.3 16.7 50.1





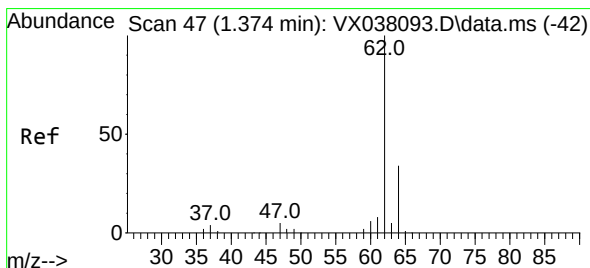
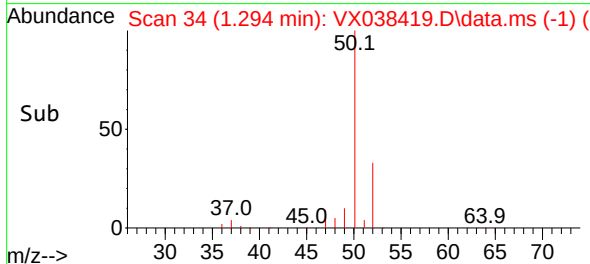
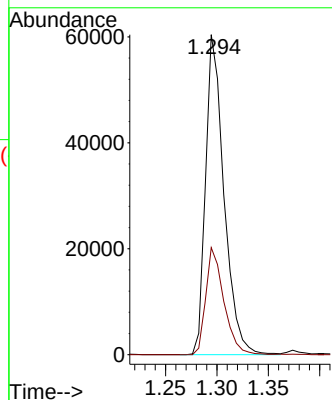
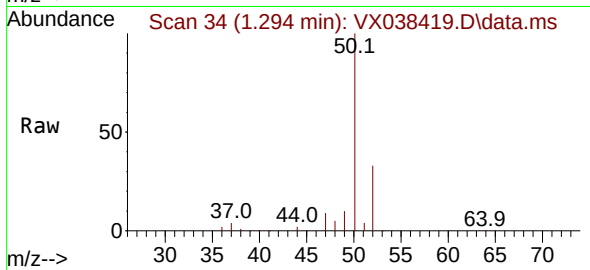
#3
Chloromethane
Concen: 52.420 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038419.D
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Tgt Ion: 50 Resp: 75339
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

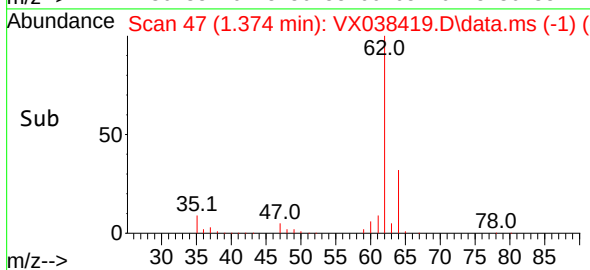
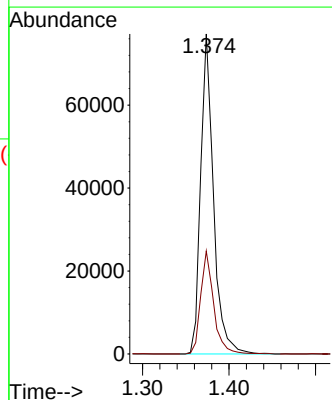
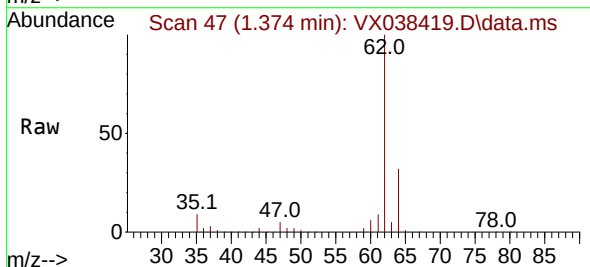
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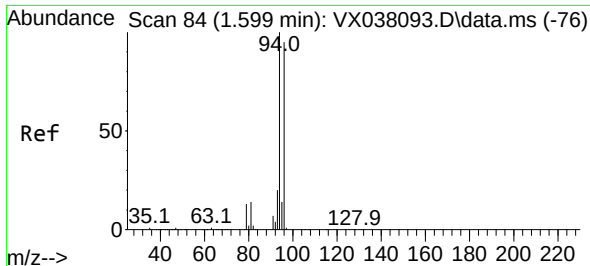
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#4
Vinyl Chloride
Concen: 49.791 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 62 Resp: 79343
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





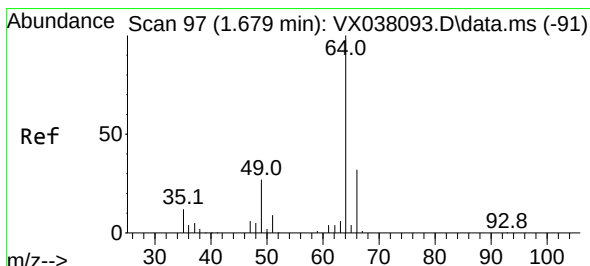
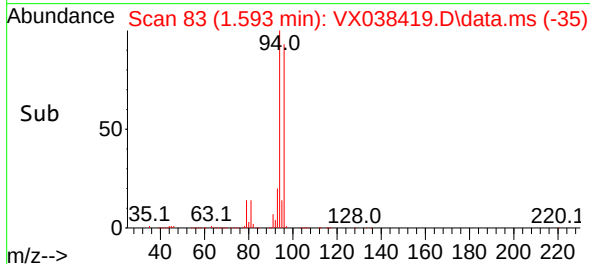
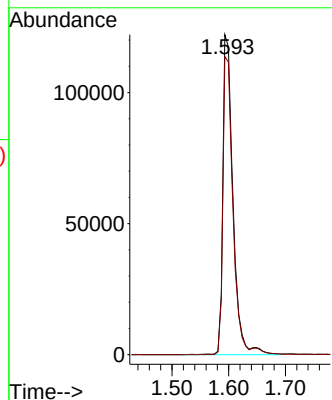
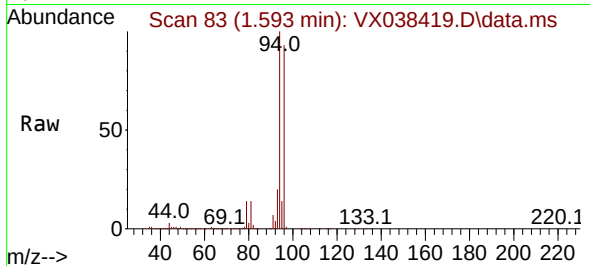
#5
Bromomethane
Concen: 72.763 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038419.D
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Instrument :
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Tgt Ion: 94 Resp: 15147
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

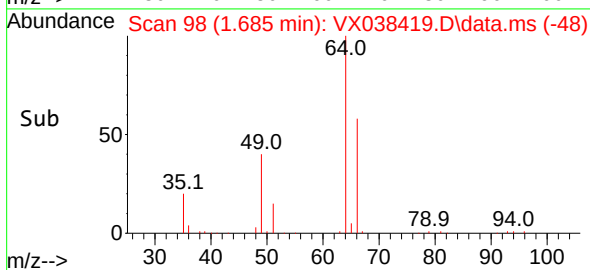
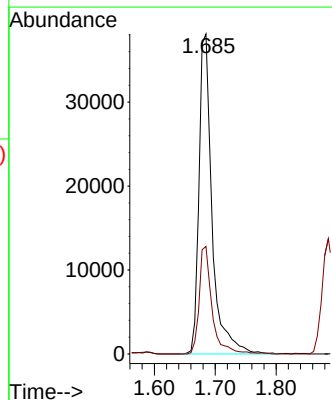
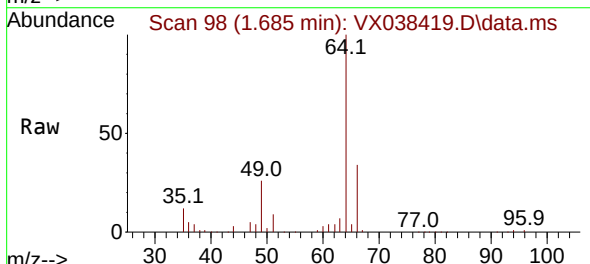
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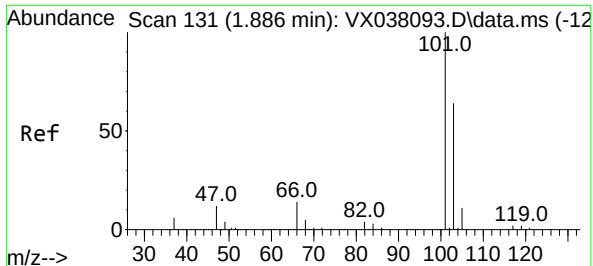
Reviewed By :John Carlone 10/24/2023
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#6
Chloroethane
Concen: 48.676 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038419.D
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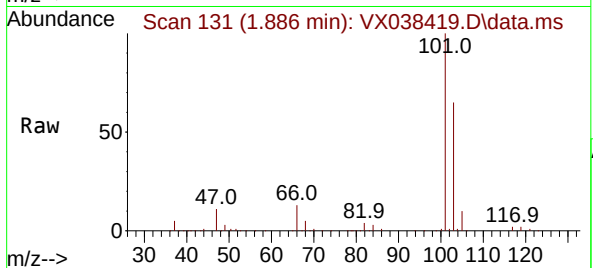
Tgt Ion: 64 Resp: 56610
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 46.642 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038419.D
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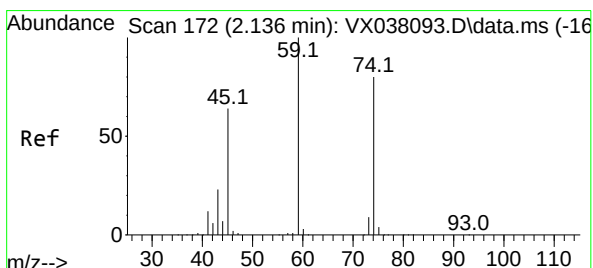
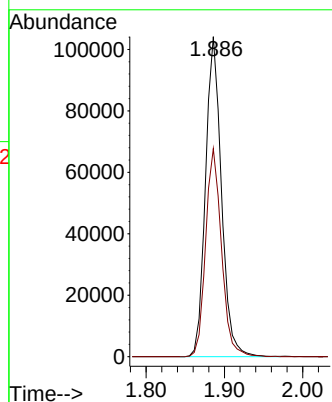
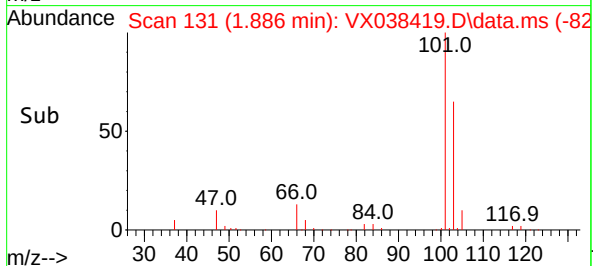
Instrument :
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Tgt Ion:101 Resp: 146808
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

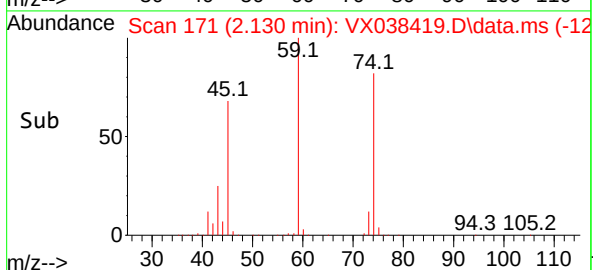
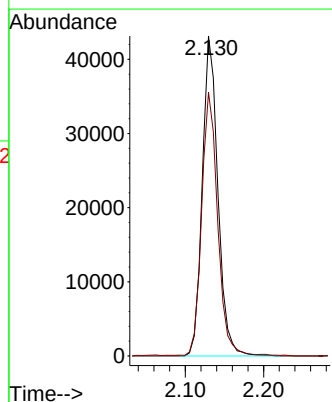
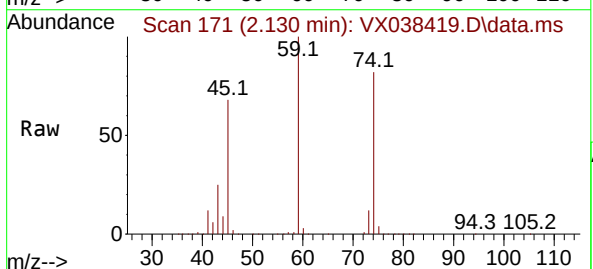
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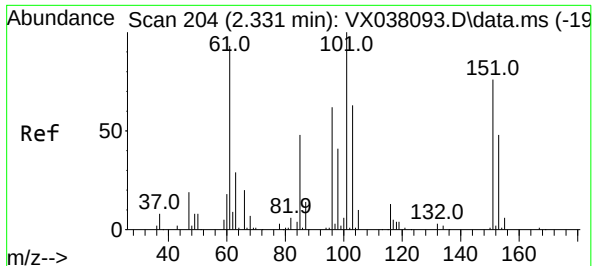
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#8
Diethyl Ether
Concen: 50.741 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 74 Resp: 59564
Ion Ratio Lower Upper
74 100
45 85.4 53.3 159.8





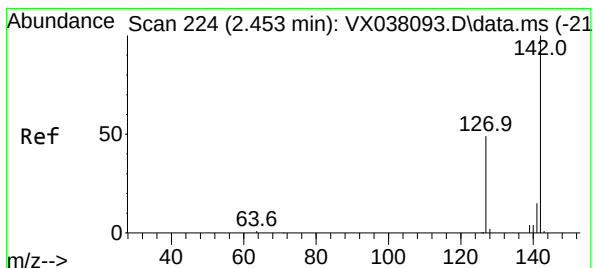
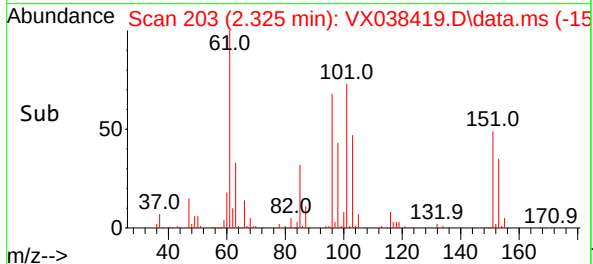
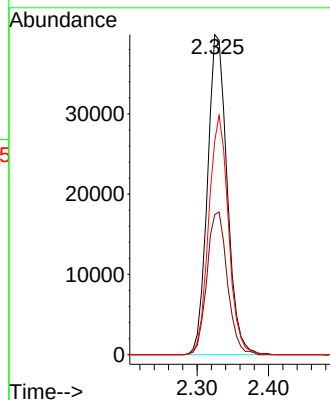
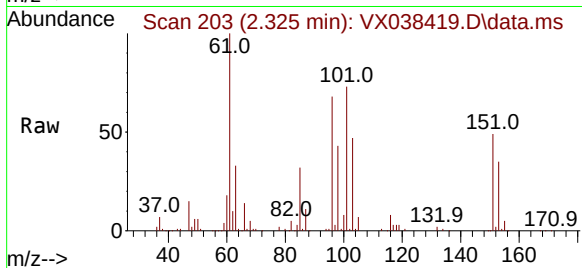
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.395 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7611
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 74.9 58.6 87.8

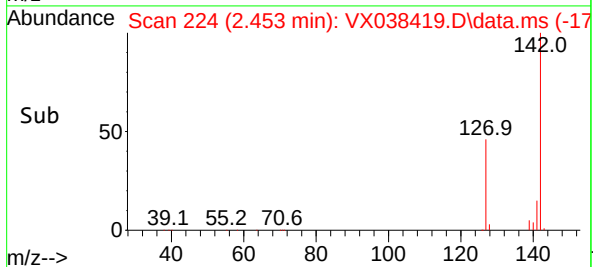
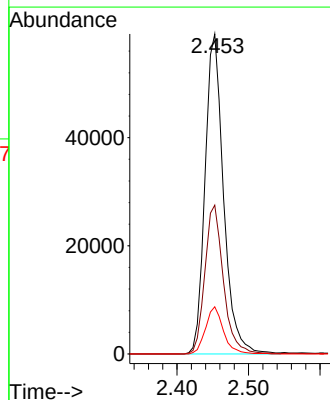
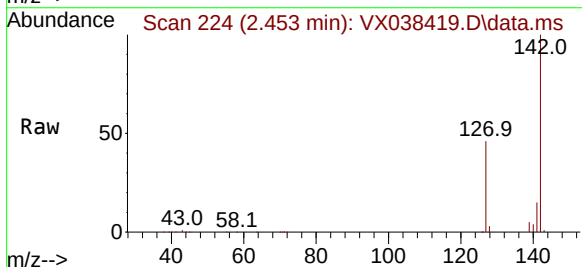
Manual Integrations
APPROVED

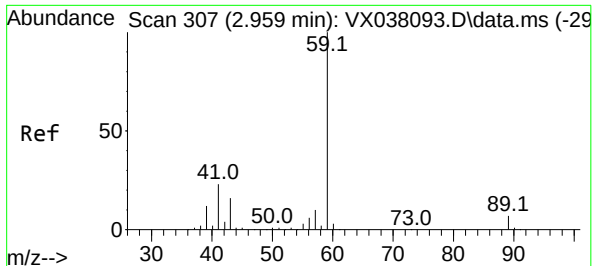
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#10
Methyl Iodide
Concen: 53.800 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion:142 Resp: 106365
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 14.3 11.6 17.4





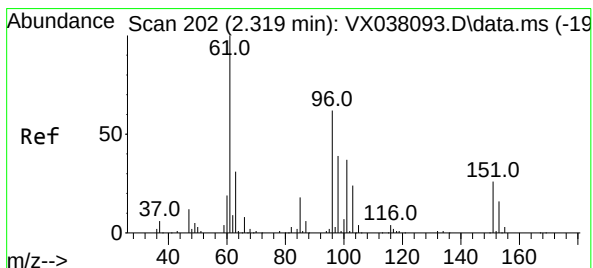
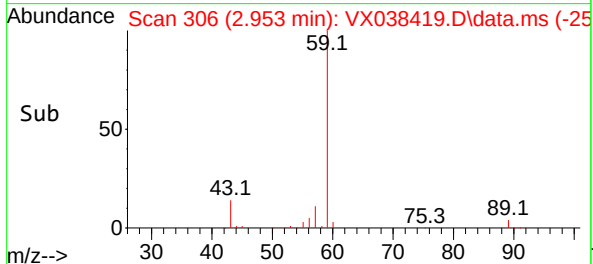
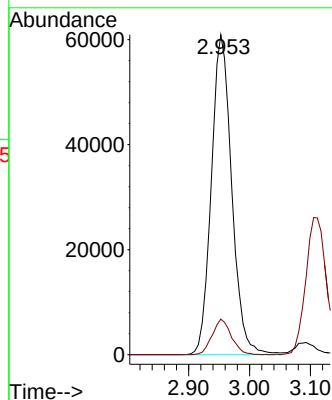
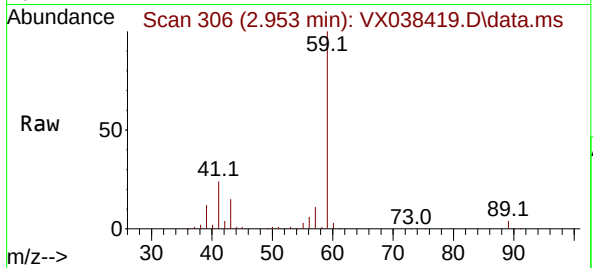
#11
Tert butyl alcohol
Concen: 274.386 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 141762
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

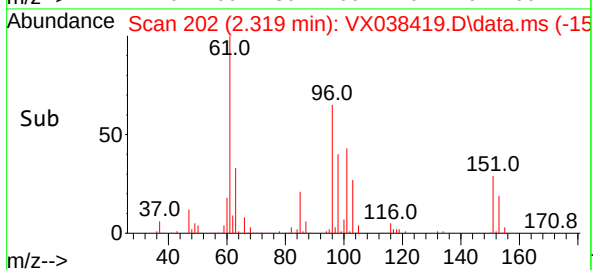
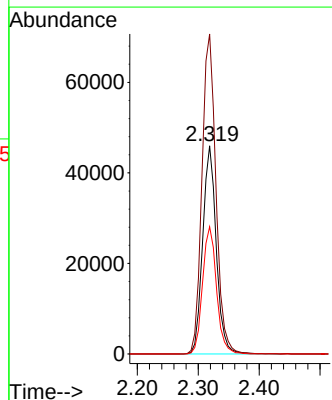
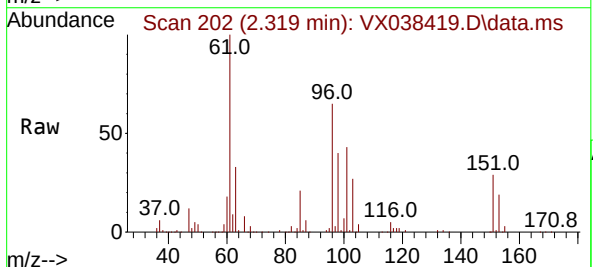
Manual Integrations
APPROVED

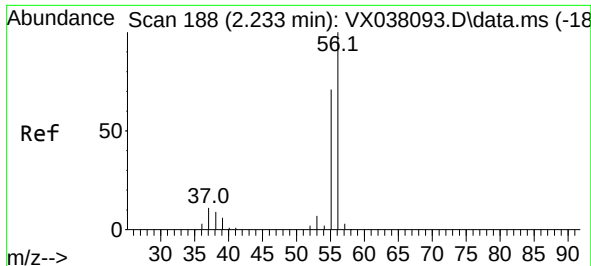
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#12
1,1-Dichloroethene
Concen: 53.284 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

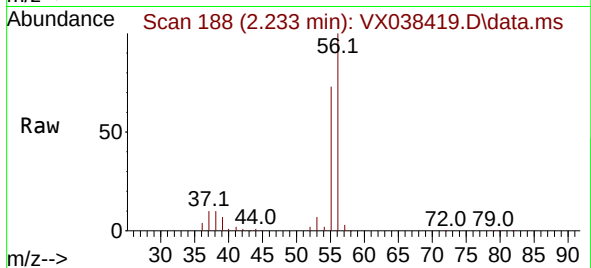
Tgt Ion: 96 Resp: 71219
Ion Ratio Lower Upper
96 100
61 153.8 144.6 216.8
98 61.1 50.4 75.6





#13
Acrolein
Concen: 289.673 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

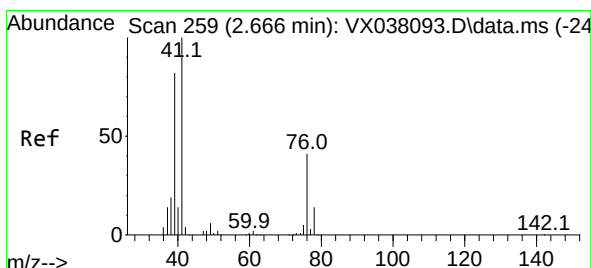
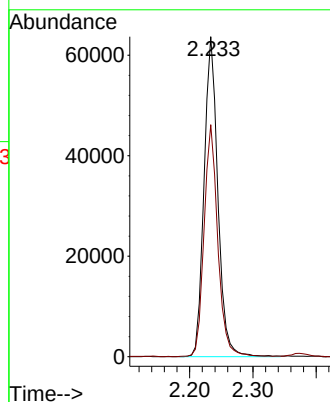
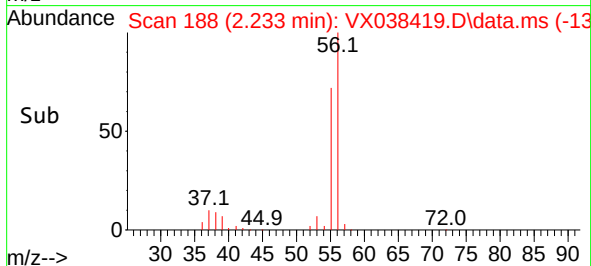
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9676
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7

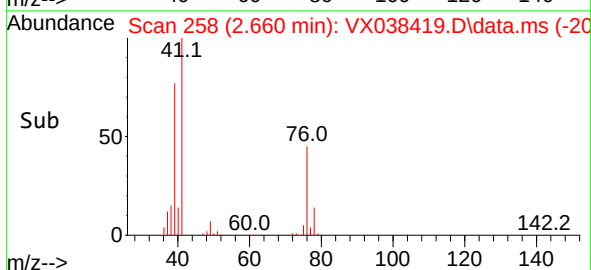
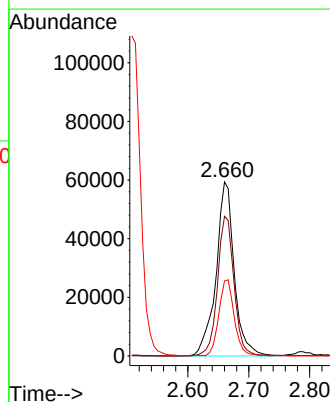
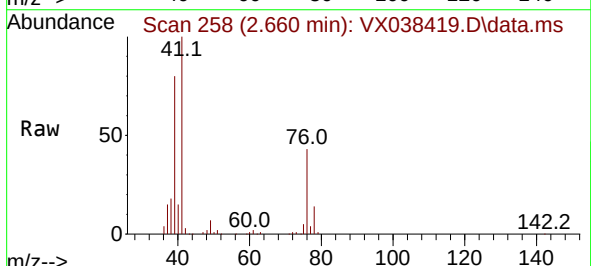
Manual Integrations
APPROVED

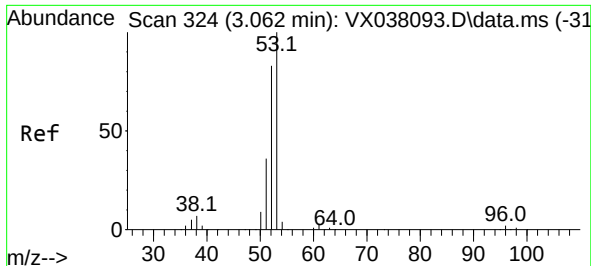
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#14
Allyl chloride
Concen: 51.774 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

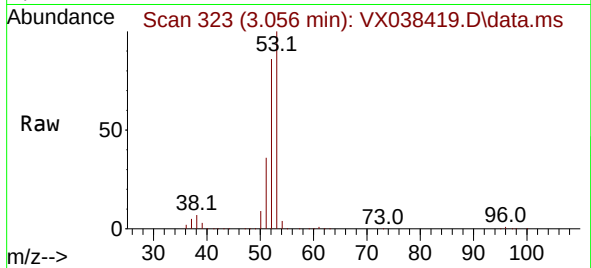
Tgt Ion: 41 Resp: 123776
Ion Ratio Lower Upper
41 100
39 72.4 55.8 83.6
76 37.0 24.3 36.5





#15
Acrylonitrile
Concen: 271.965 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

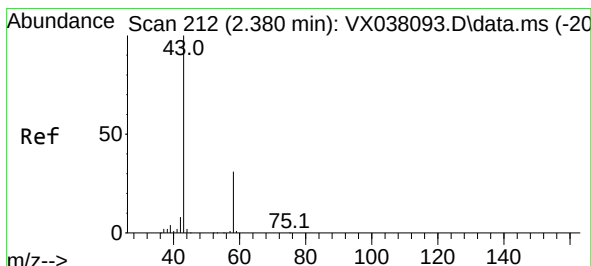
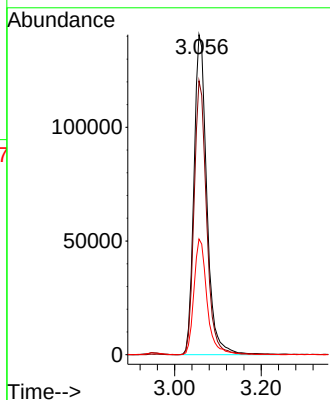
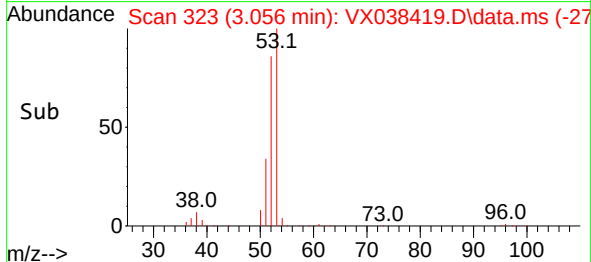
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 290818
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 36.8 29.8 44.6

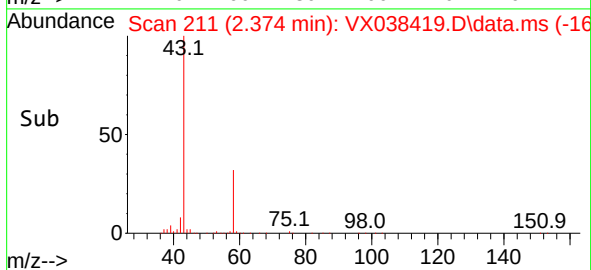
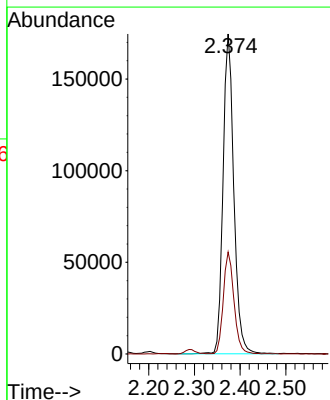
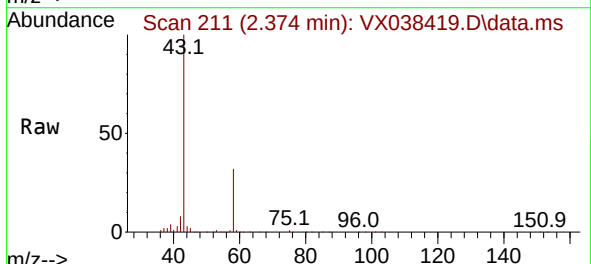
Manual Integrations
APPROVED

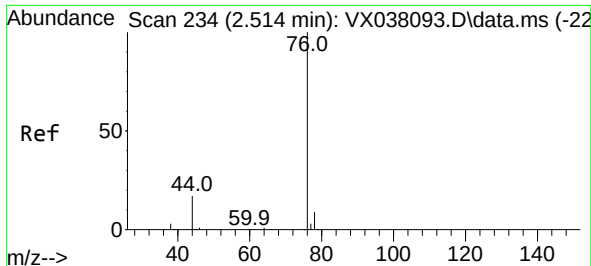
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#16
Acetone
Concen: 292.378 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 43 Resp: 286725
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





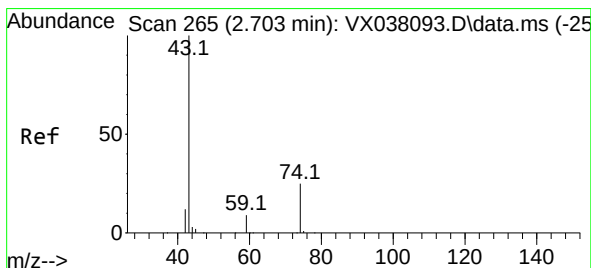
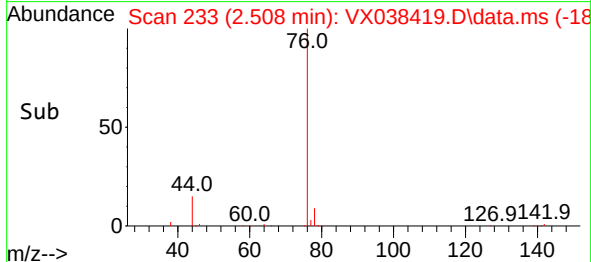
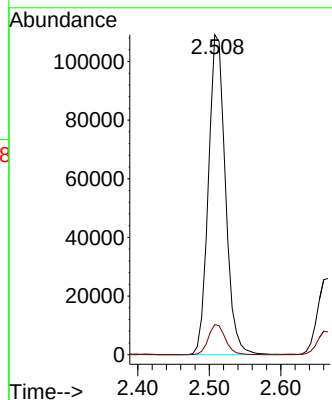
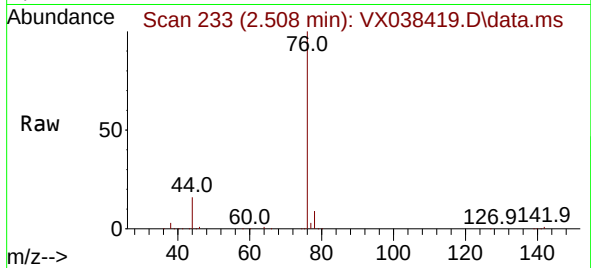
#17
Carbon Disulfide
Concen: 46.745 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 180070
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

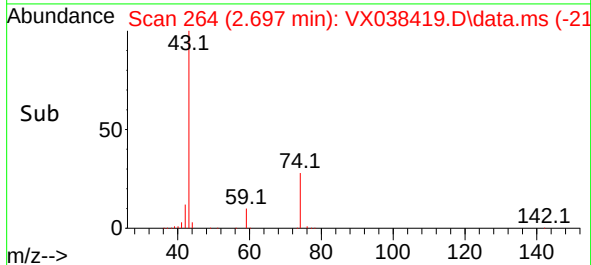
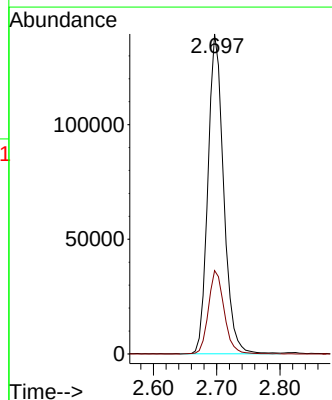
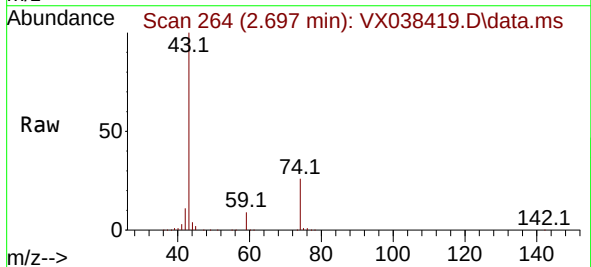
Manual Integrations
APPROVED

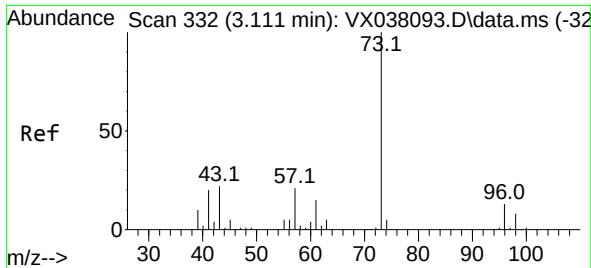
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#18
Methyl Acetate
Concen: 57.347 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 43 Resp: 241171
Ion Ratio Lower Upper
43 100
74 26.2 17.8 26.8





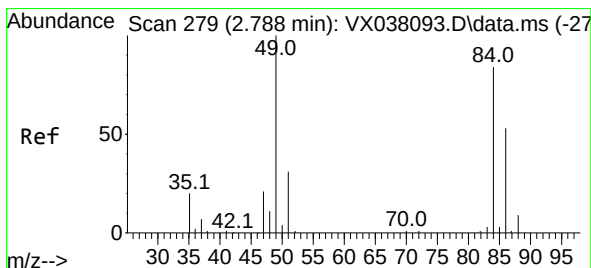
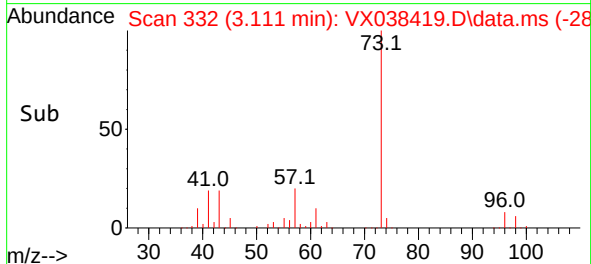
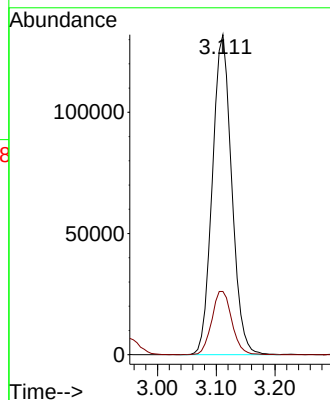
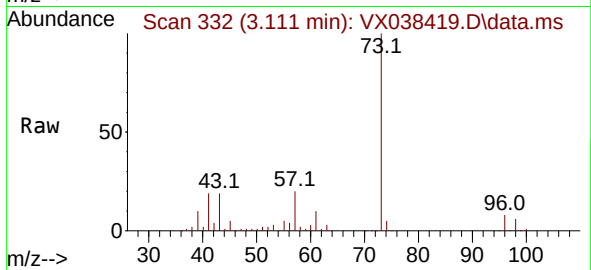
#19
Methyl tert-butyl Ether
Concen: 56.740 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 30204
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9

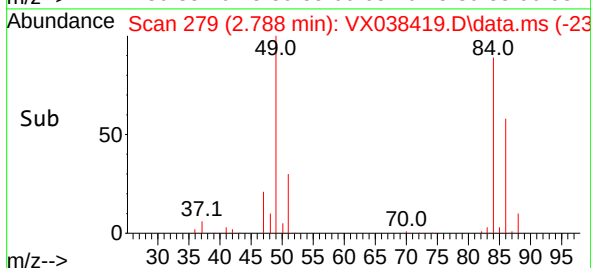
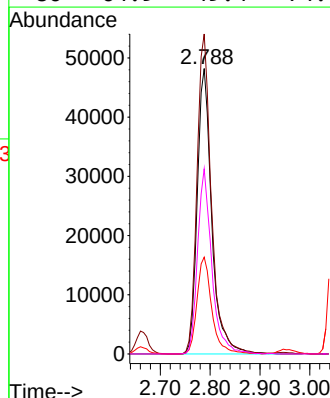
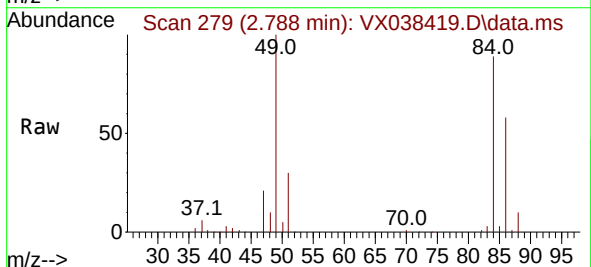
Manual Integrations
APPROVED

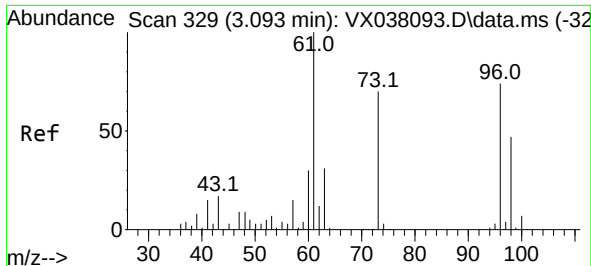
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#20
Methylene Chloride
Concen: 52.744 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

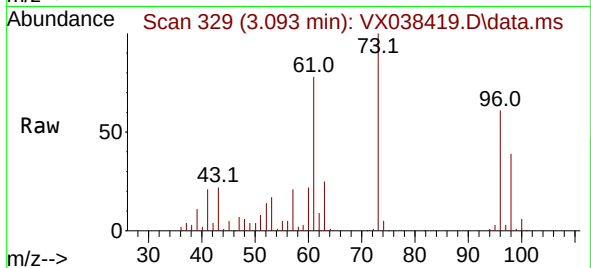
Tgt Ion: 84 Resp: 97292
Ion Ratio Lower Upper
84 100
49 112.1 103.6 155.4
51 33.9 33.8 50.6
86 64.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.108 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

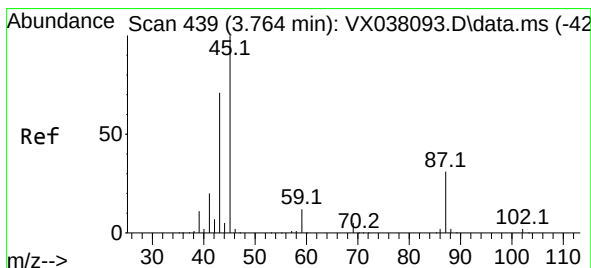
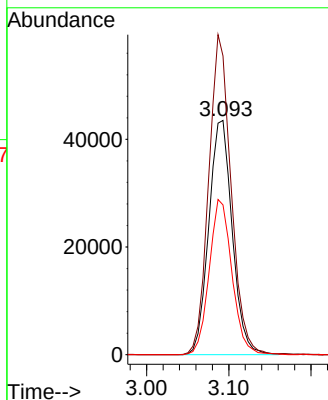
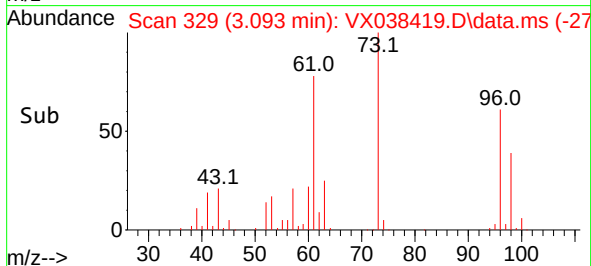
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



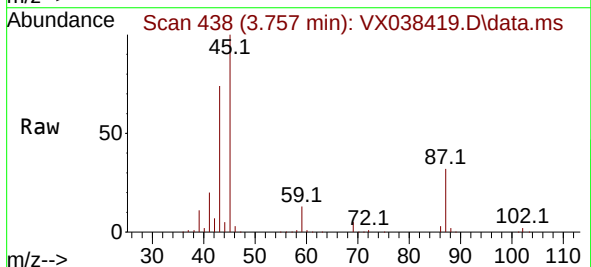
Tgt Ion: 96 Resp: 86234
Ion Ratio Lower Upper
96 100
61 127.5 119.2 178.8
98 63.9 48.7 73.1

Manual Integrations
APPROVED

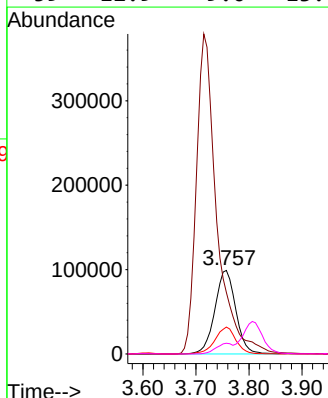
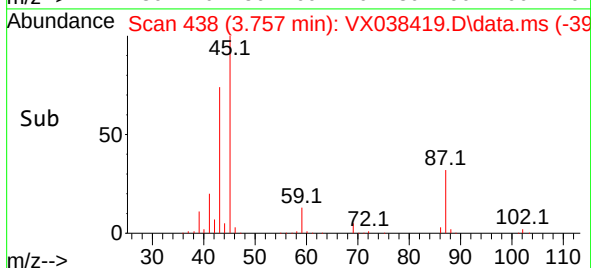
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

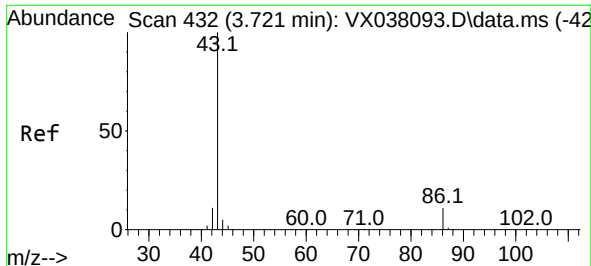


#22
Diisopropyl ether
Concen: 54.149 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



Tgt Ion: 45 Resp: 271317
Ion Ratio Lower Upper
45 100
43 73.5 69.7 104.5
87 32.1 20.8 31.2#
59 12.9 9.0 13.4





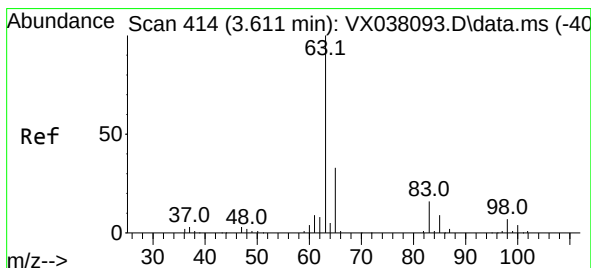
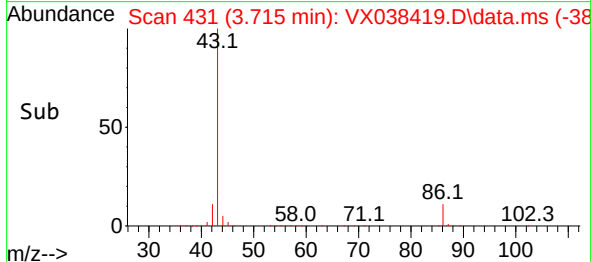
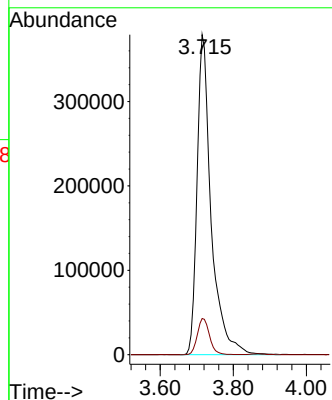
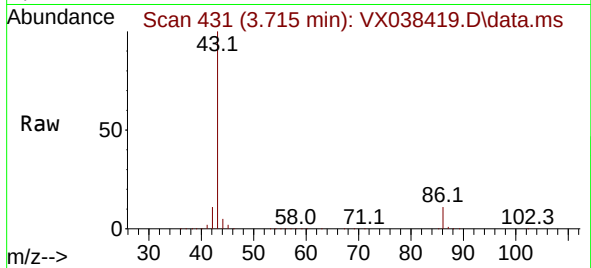
#23
 Vinyl Acetate
 Concen: 276.844 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038419.D
 Acq: 23 Oct 2023 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1017258
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

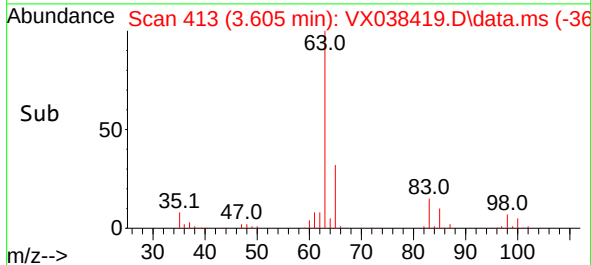
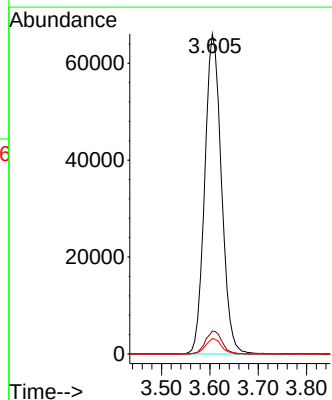
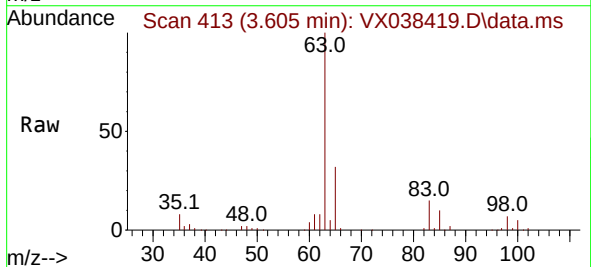
Manual Integrations
 APPROVED

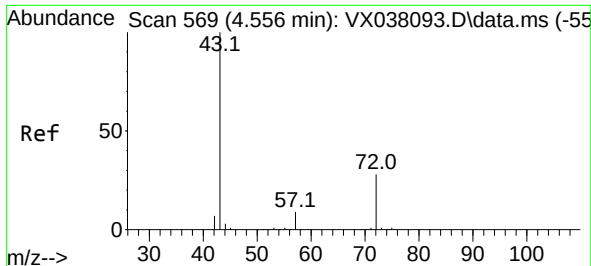
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#24
 1,1-Dichloroethane
 Concen: 52.053 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038419.D
 Acq: 23 Oct 2023 09:56

Tgt Ion: 63 Resp: 158284
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.9 2.1 6.5





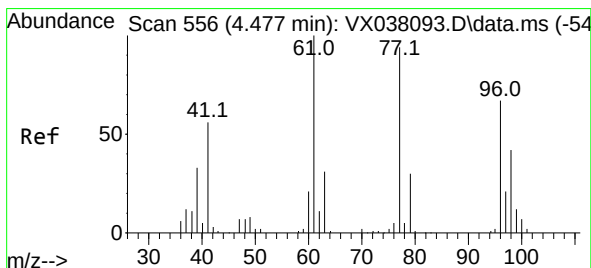
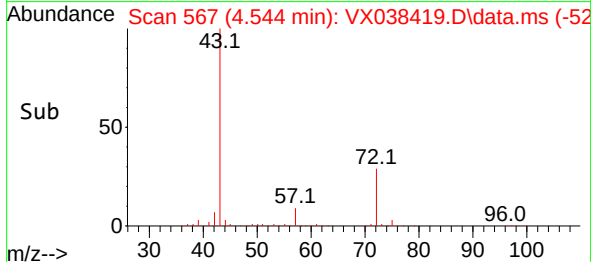
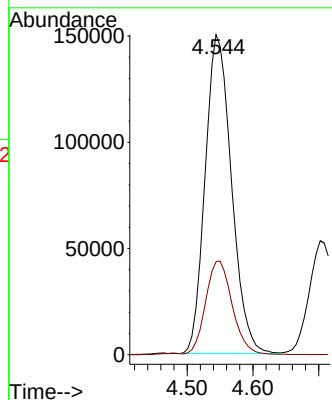
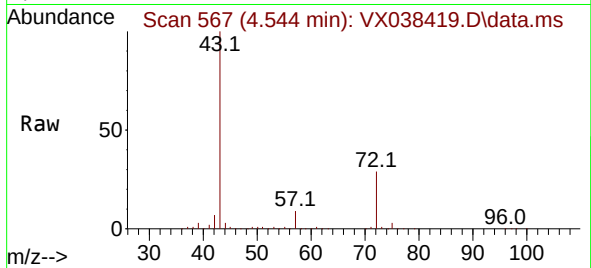
#25
2-Butanone
Concen: 264.506 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 41852
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2

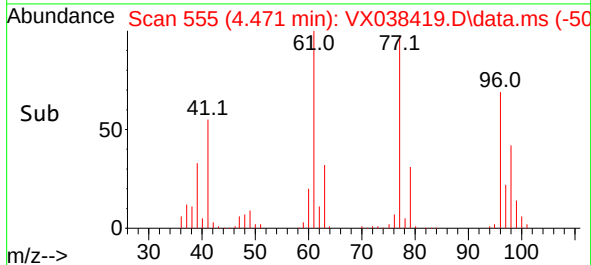
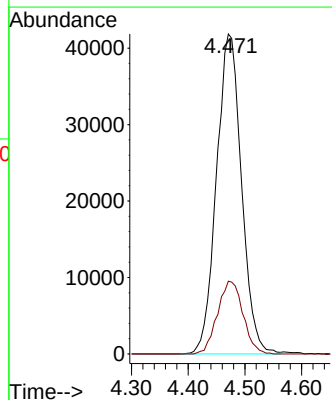
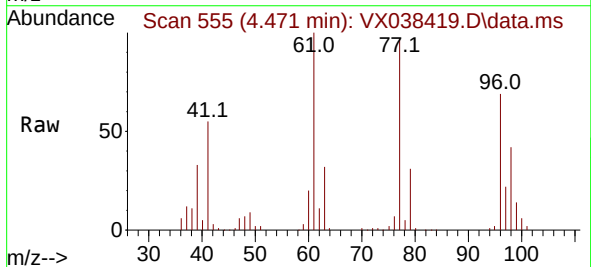
Manual Integrations
APPROVED

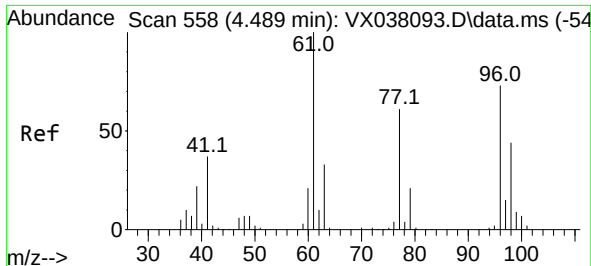
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#26
2,2-Dichloropropane
Concen: 53.954 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

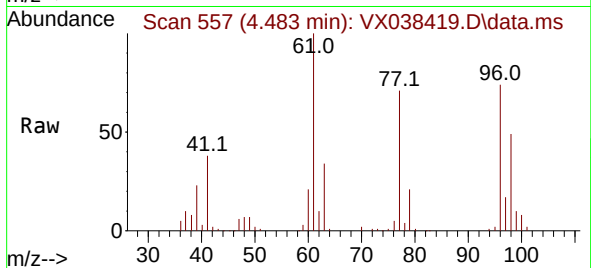
Tgt Ion: 77 Resp: 128092
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 54.544 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX038419.D
 Acq: 23 Oct 2023 09:56

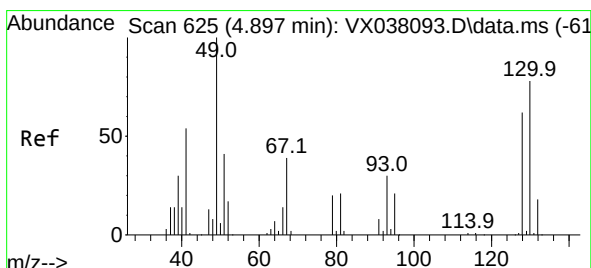
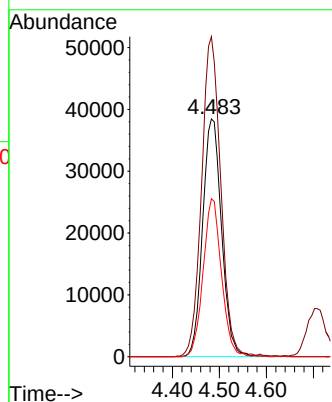
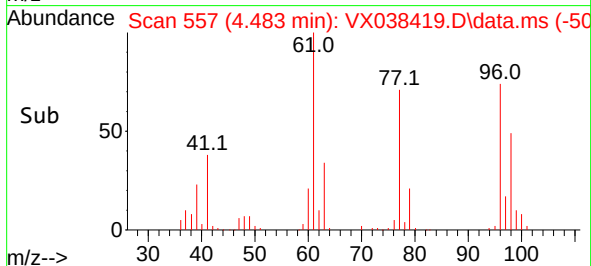
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 10750
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 312.2
 98 64.3 0.0 129.0

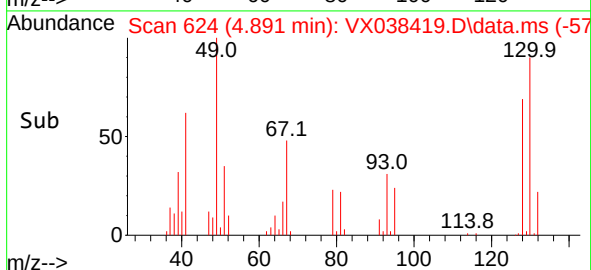
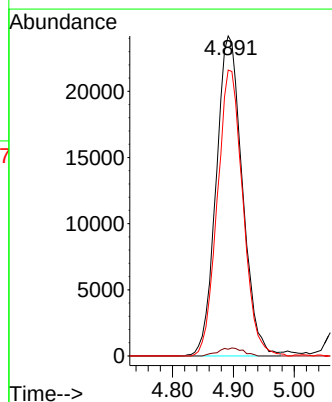
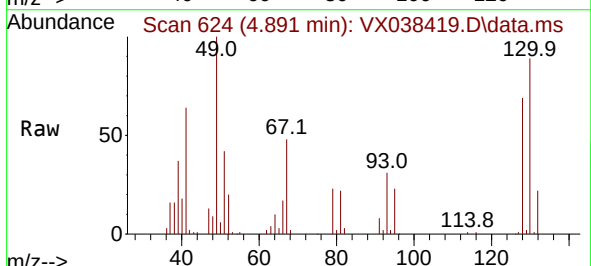
Manual Integrations
 APPROVED

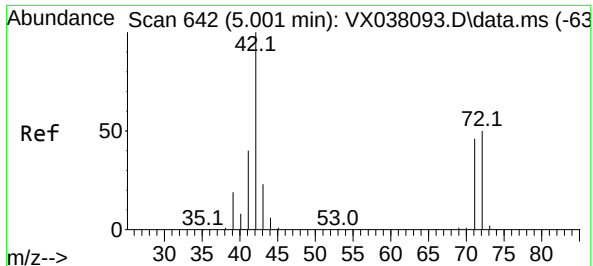
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#28
 Bromochloromethane
 Concen: 52.682 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038419.D
 Acq: 23 Oct 2023 09:56

Tgt Ion: 49 Resp: 72317
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 87.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 254.839 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 262520

Ion Ratio Lower Upper

42 100

72 51.2 34.2 51.4

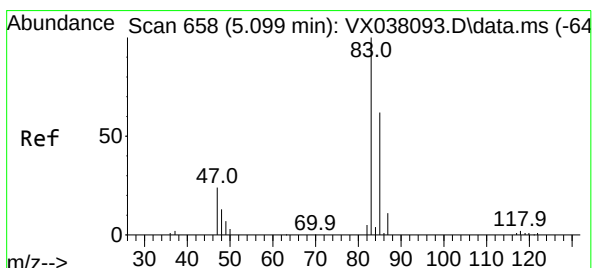
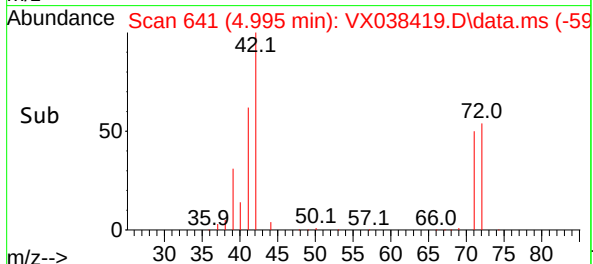
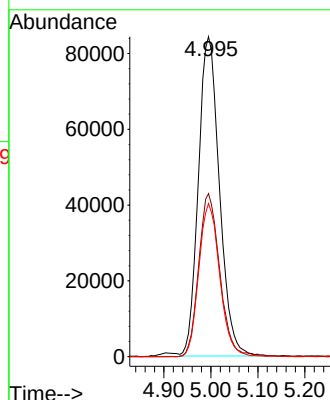
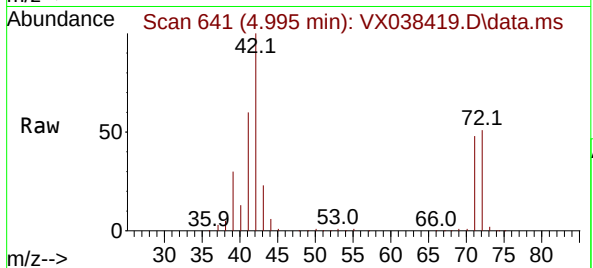
71 47.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#30

Chloroform

Concen: 54.663 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX038419.D

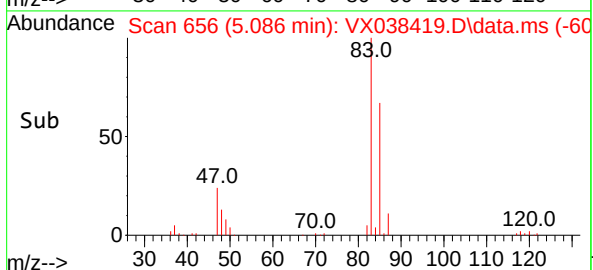
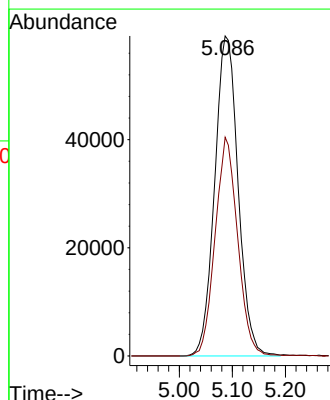
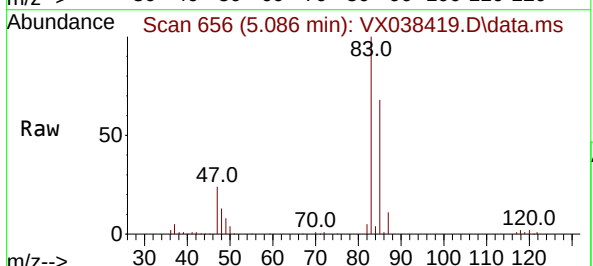
Acq: 23 Oct 2023 09:56

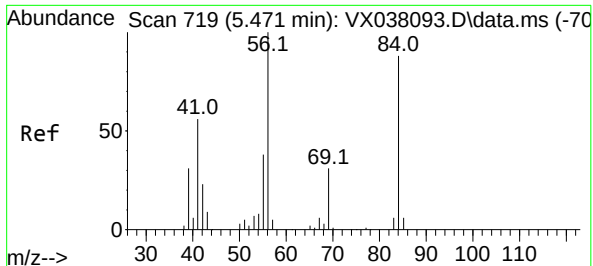
Tgt Ion: 83 Resp: 181766

Ion Ratio Lower Upper

83 100

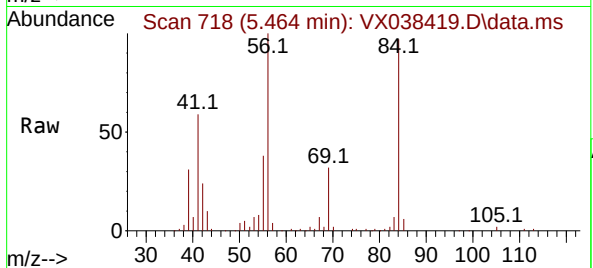
85 68.4 50.3 75.5





#31
Cyclohexane
Concen: 45.430 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

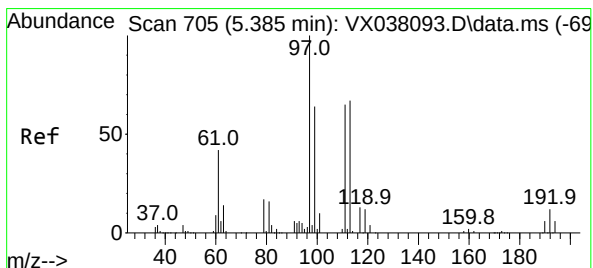
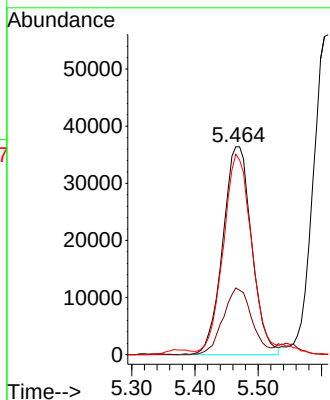
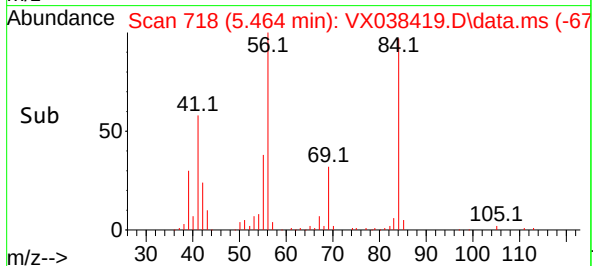
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 115650
Ion Ratio Lower Upper
56 100
69 32.1 23.4 35.2
84 94.2 65.9 98.9

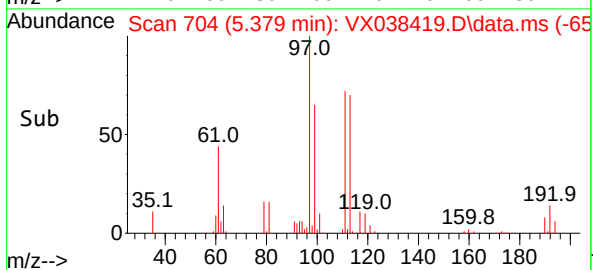
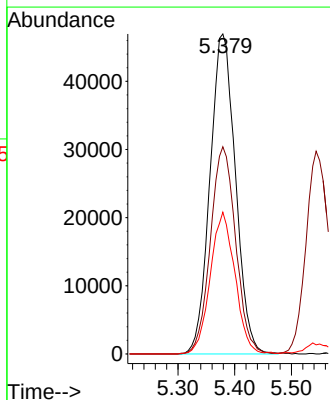
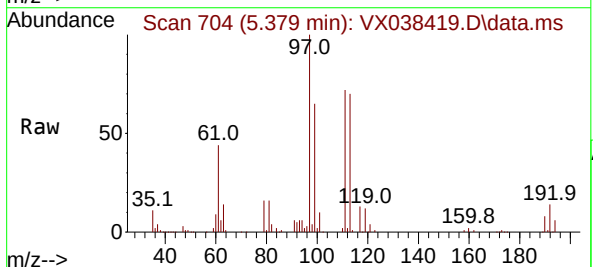
Manual Integrations
APPROVED

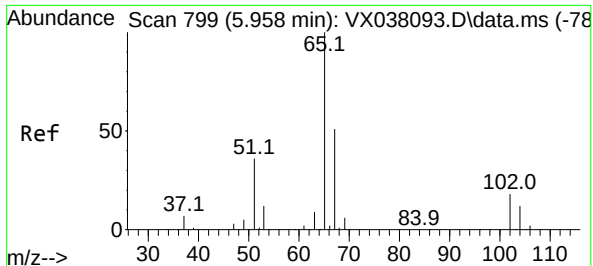
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#32
1,1,1-Trichloroethane
Concen: 51.472 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 97 Resp: 146600
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.095 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11771

Ion Ratio Lower Upper

65 100

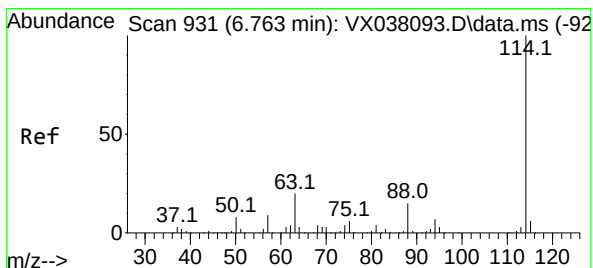
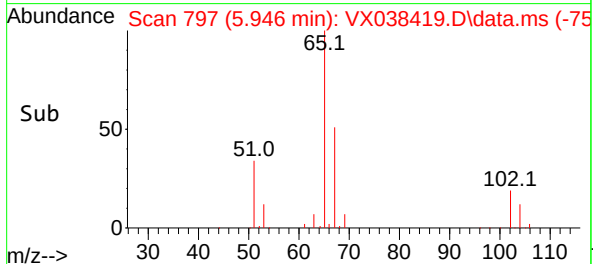
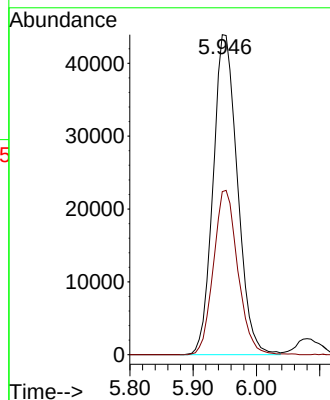
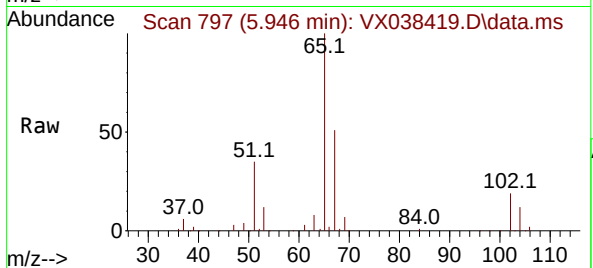
67 51.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

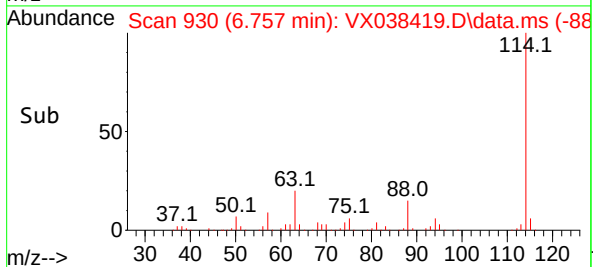
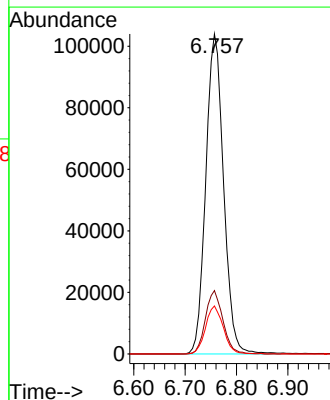
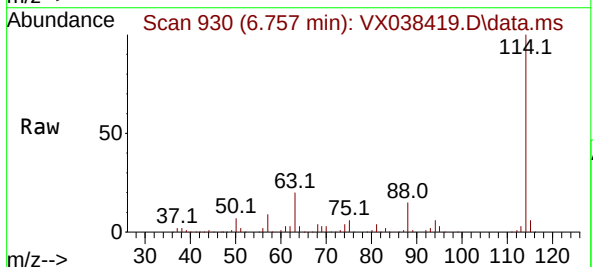
Tgt Ion:114 Resp: 249817

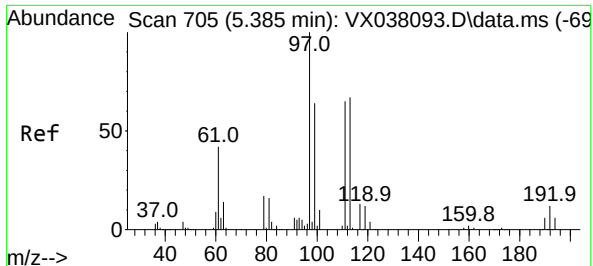
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

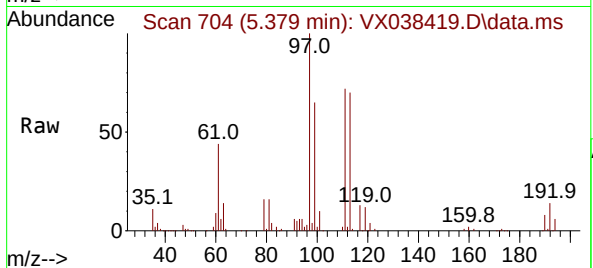
88 15.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.800 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

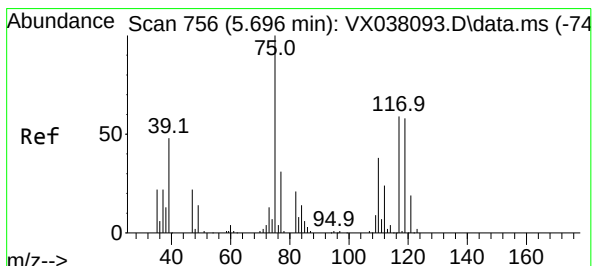
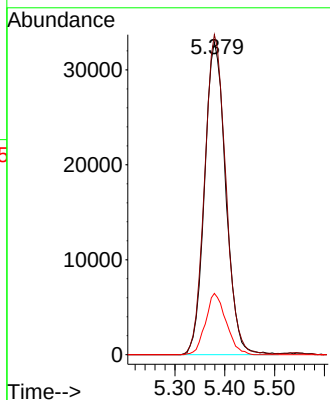
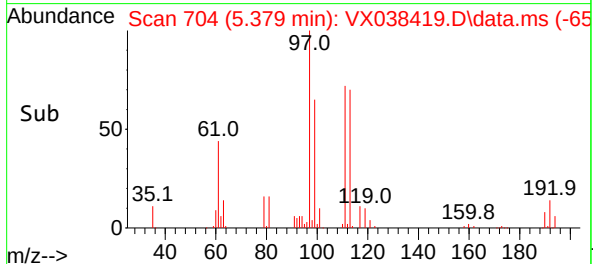
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 9684
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.1 13.3 19.9

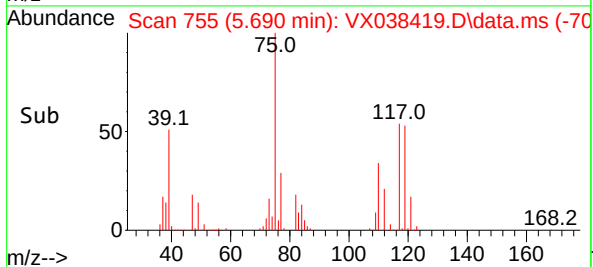
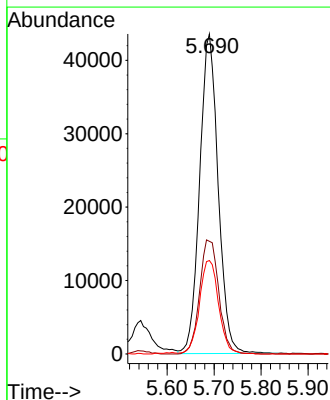
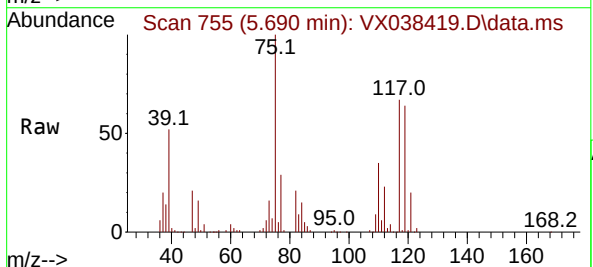
Manual Integrations
APPROVED

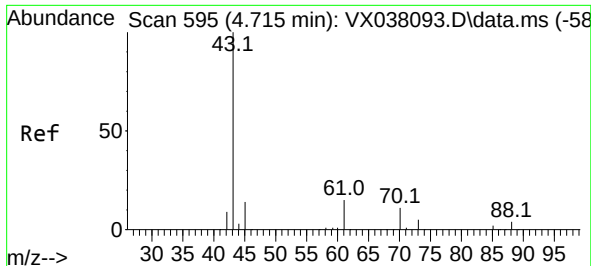
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#36
1,1-Dichloropropene
Concen: 47.817 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 75 Resp: 118696
Ion Ratio Lower Upper
75 100
110 37.2 17.0 50.9
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 51.696 ug/l

RT: 4.702 min Scan# 595

Delta R.T. -0.013 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15240

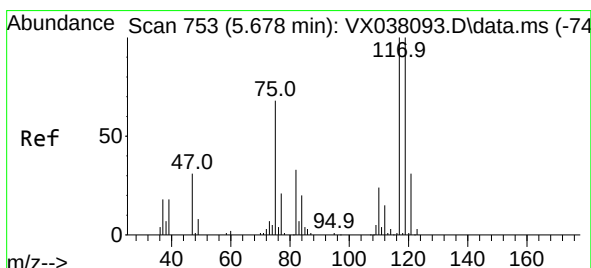
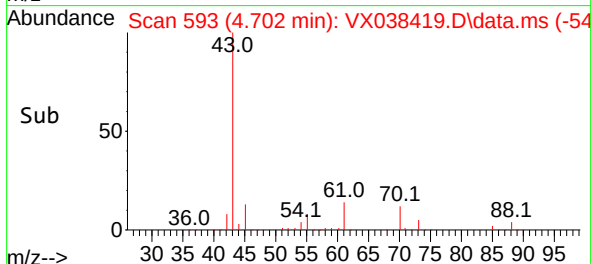
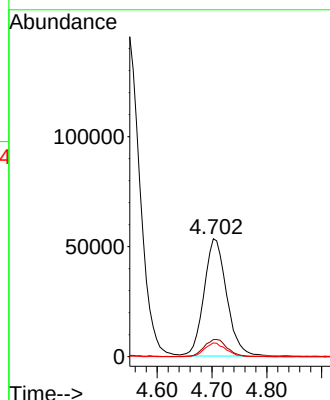
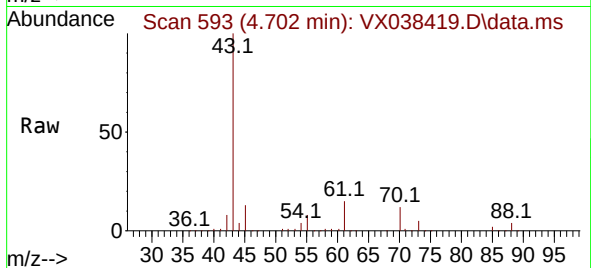
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#38

Carbon Tetrachloride

Concen: 51.946 ug/l

RT: 5.672 min Scan# 752

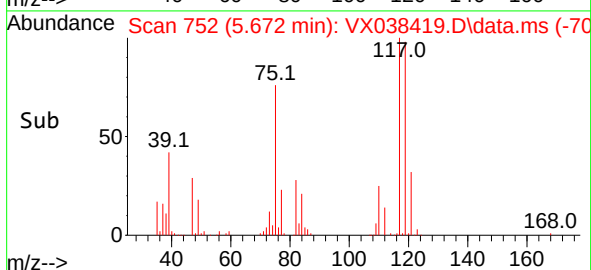
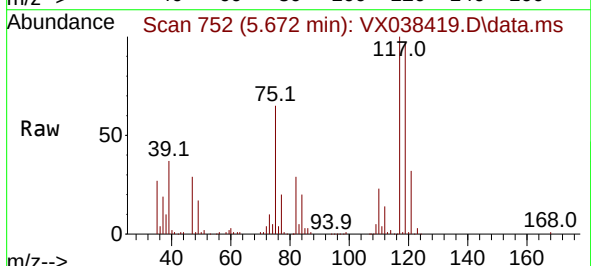
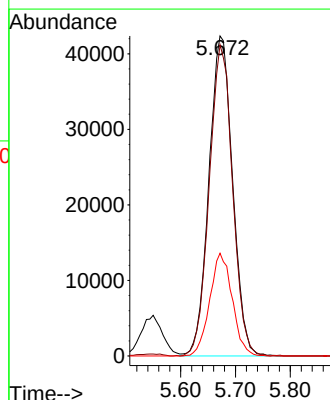
Delta R.T. -0.006 min

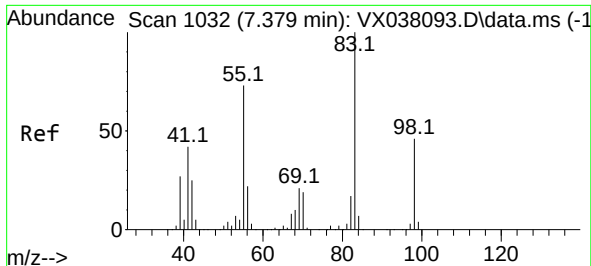
Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Tgt Ion:117 Resp: 126848

Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.2	117.2
121	32.1	24.4	36.6





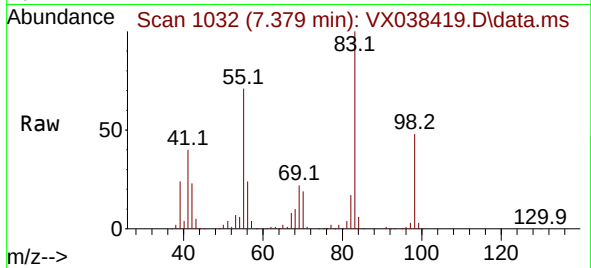
#39
Methylcyclohexane
Concen: 48.193 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



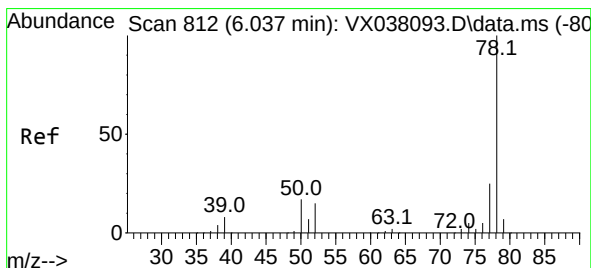
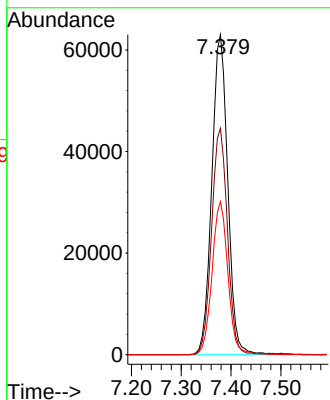
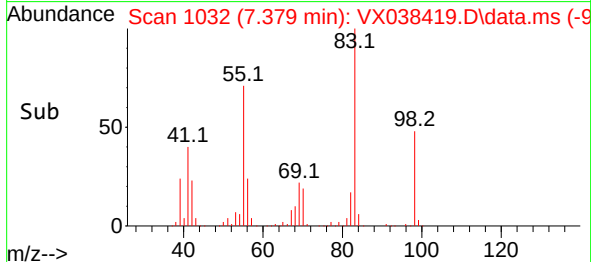
Tgt Ion: 83 Resp: 140125
Ion Ratio Lower Upper
83 100
55 70.8 64.6 97.0
98 47.8 36.7 55.1

Manual Integrations

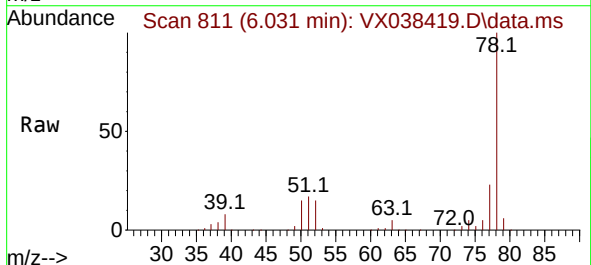
APPROVED

Reviewed By :John Carlone 10/24/2023

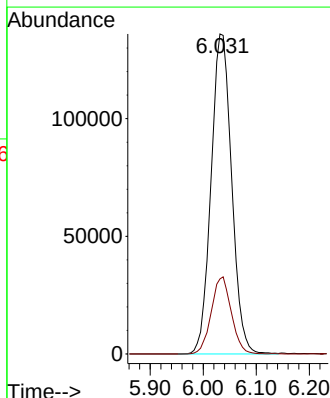
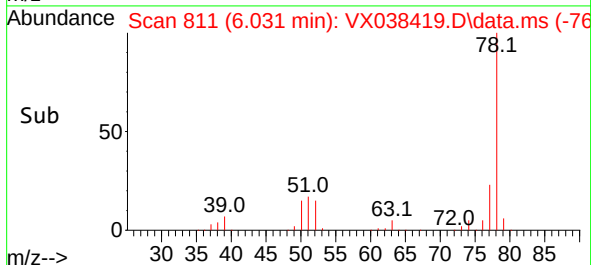
Supervised By :Semsettin Yesilyurt 10/24/2023

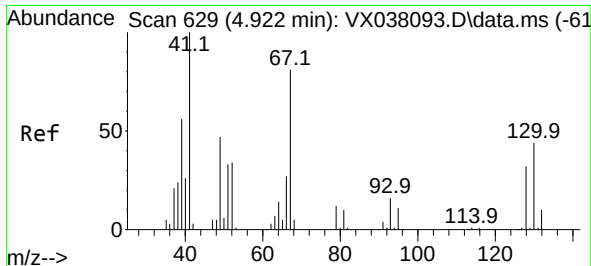


#40
Benzene
Concen: 52.788 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



Tgt Ion: 78 Resp: 366500
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





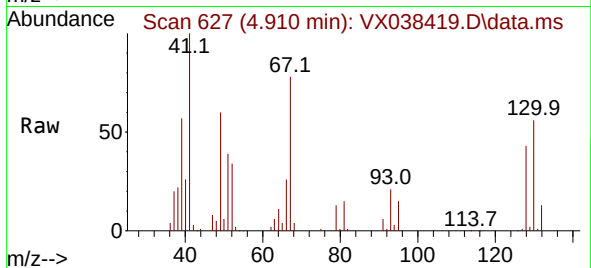
#41
Methacrylonitrile
Concen: 54.197 ug/l
RT: 4.910 min Scan# 619
Delta R.T. -0.012 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



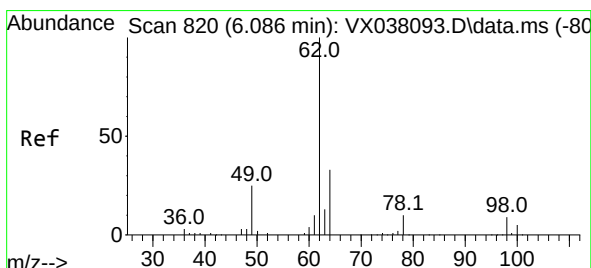
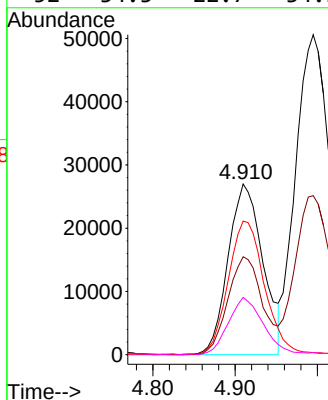
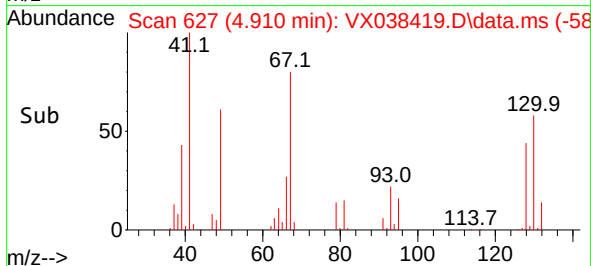
Tgt Ion: 41 Resp: 7948
Ion Ratio Lower Upper
41 100
39 57.5 45.2 67.8
67 82.1 52.6 78.8
52 34.3 22.7 34.1#

Manual Integrations

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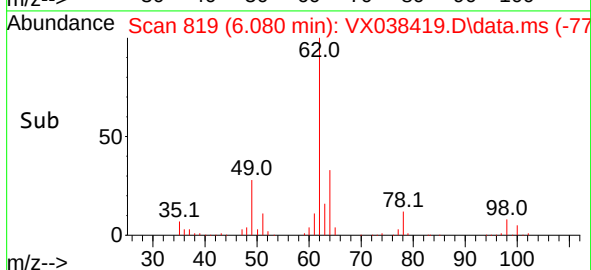
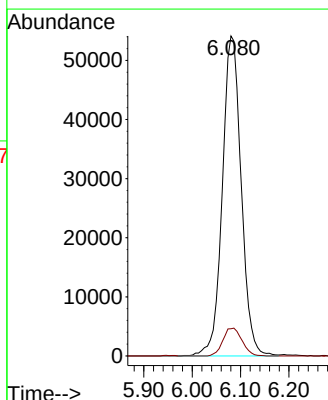
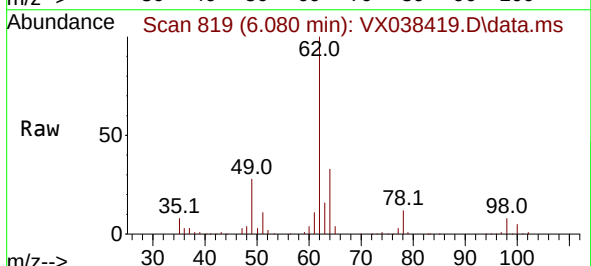
Reviewed By :John Carlone 10/24/2023

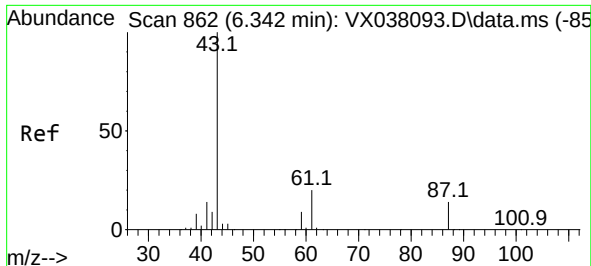
Supervised By :Semsettin Yesilyurt 10/24/2023



#42
1,2-Dichloroethane
Concen: 52.904 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 62 Resp: 146751
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 53.857 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.012 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 237024

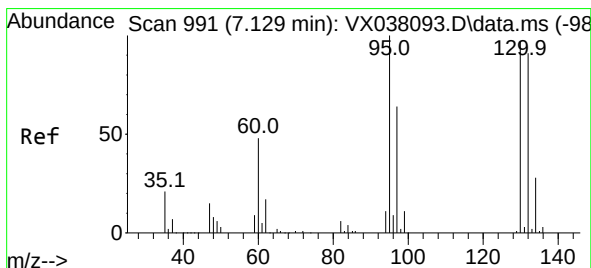
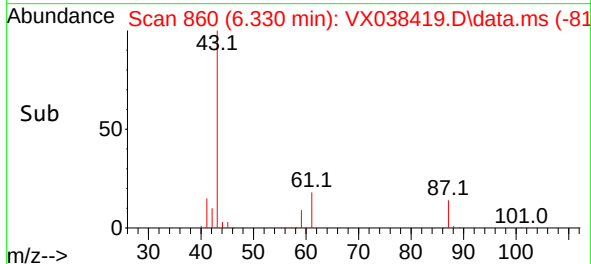
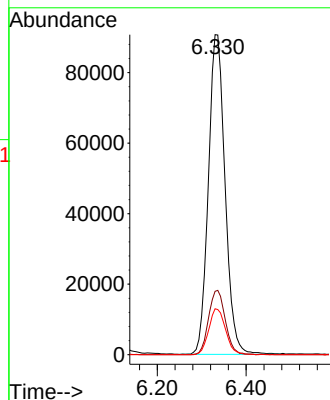
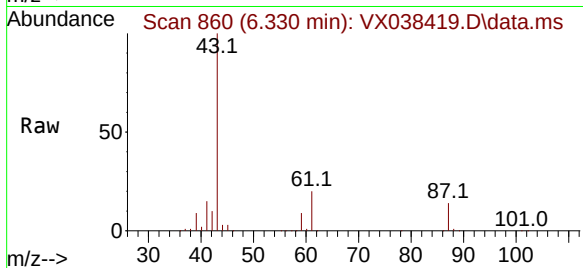
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.2	22.8
87	14.4	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#44

Trichloroethene

Concen: 54.381 ug/l

RT: 7.123 min Scan# 990

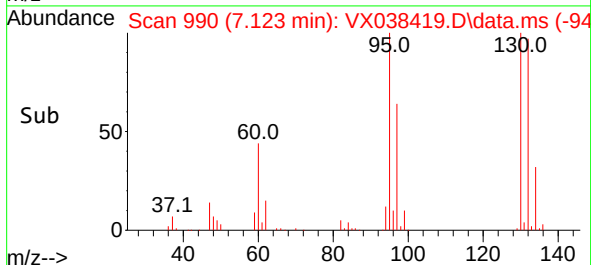
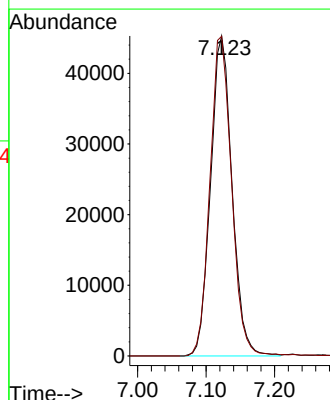
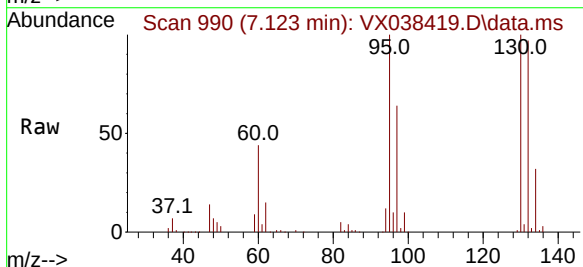
Delta R.T. -0.006 min

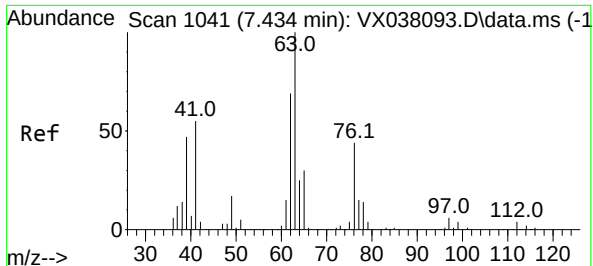
Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Tgt Ion:130 Resp: 98751

Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	204.4





#45

1,2-Dichloropropane

Concen: 54.641 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9818

Ion Ratio Lower Upper

63 100

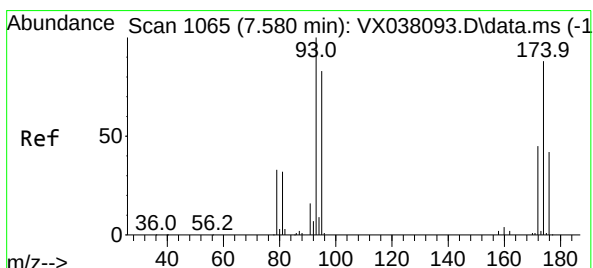
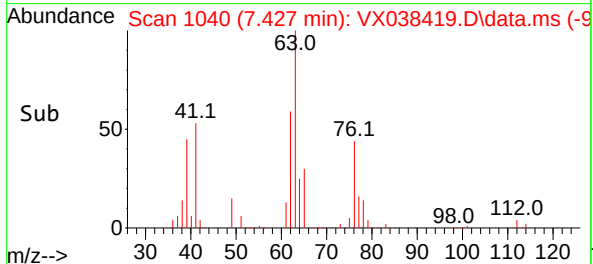
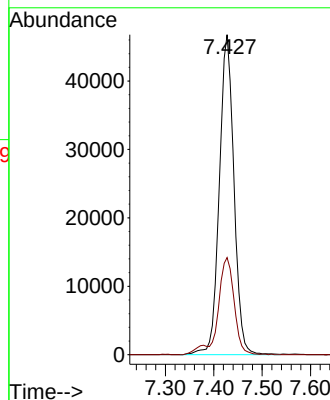
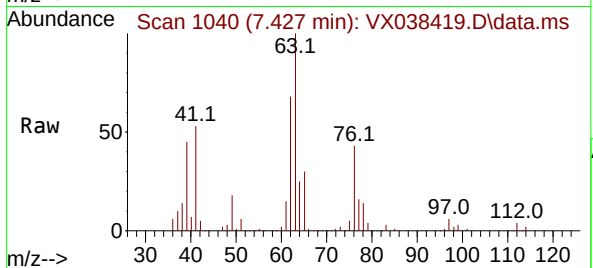
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#46

Dibromomethane

Concen: 56.671 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

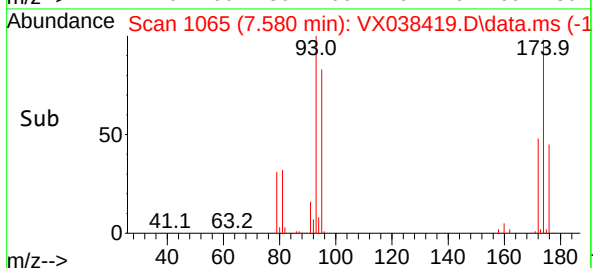
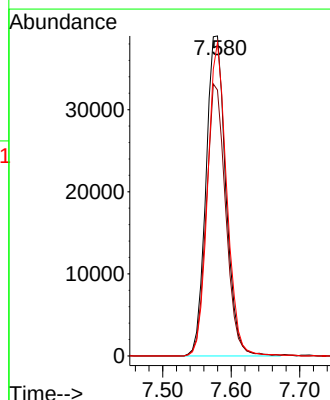
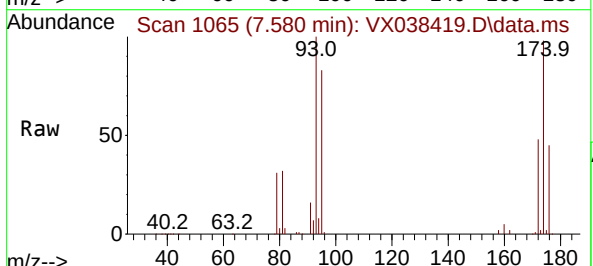
Tgt Ion: 93 Resp: 78981

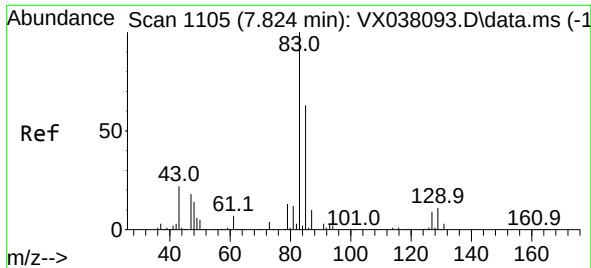
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

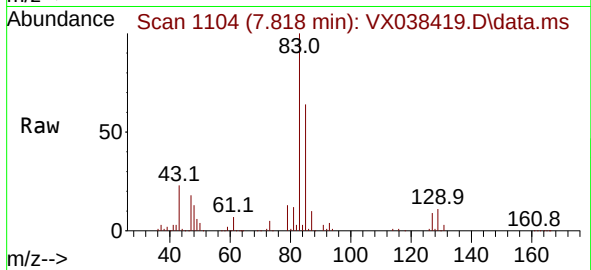
174 93.7 69.4 104.0





#47
Bromodichloromethane
Concen: 58.265 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

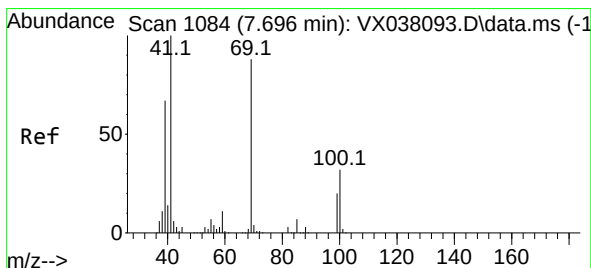
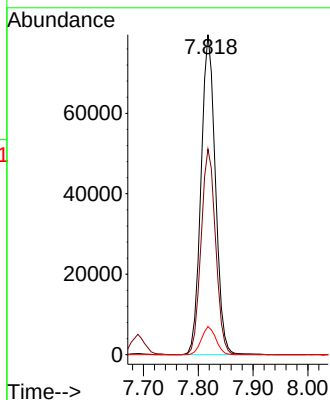
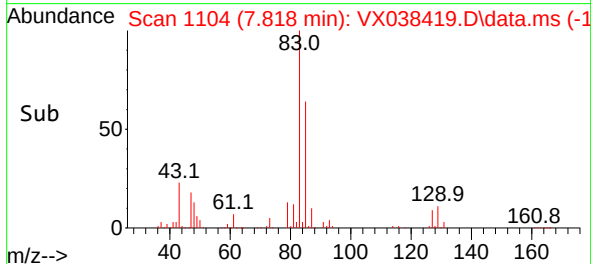
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 144456
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.8 7.1 10.7

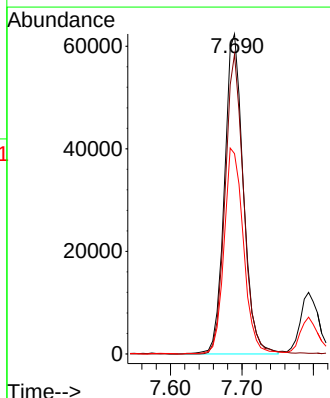
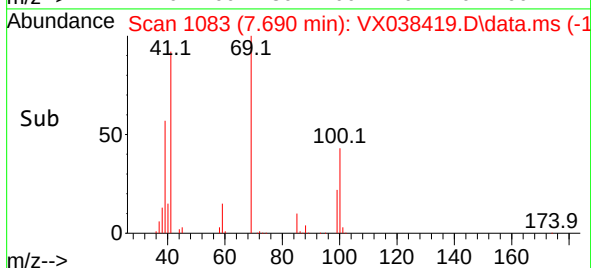
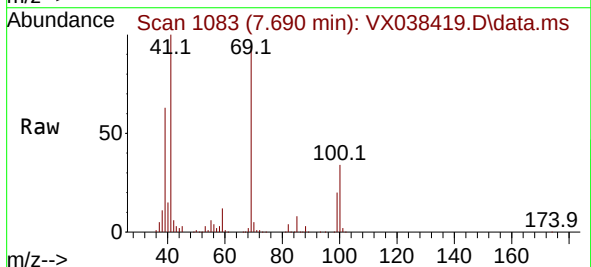
Manual Integrations
APPROVED

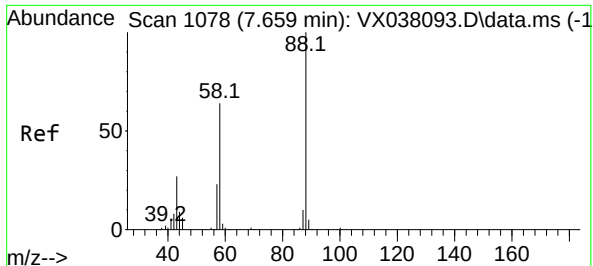
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#48
Methyl methacrylate
Concen: 54.453 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 41 Resp: 114403
Ion Ratio Lower Upper
41 100
69 91.8 59.2 88.8
39 66.2 47.7 71.5





#49

1,4-Dioxane

Concen: 984.142 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

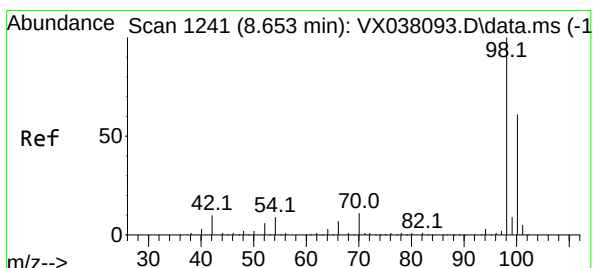
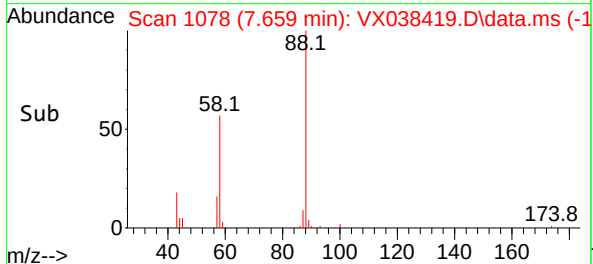
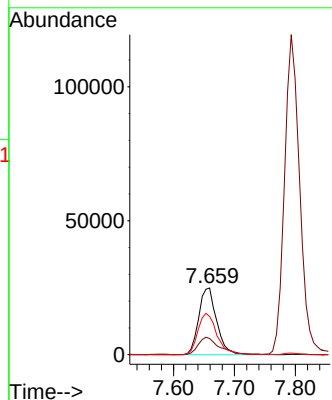
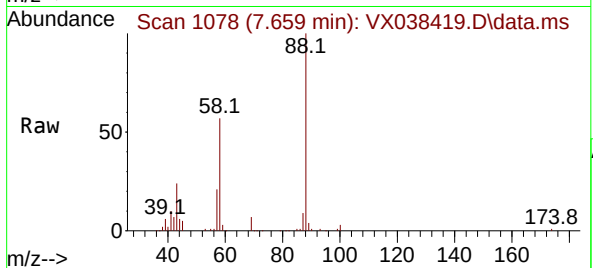
Tgt Ion: 88 Resp: 5095
 Ion Ratio Lower Upper
 88 100
 43 30.9 0.0 0.0
 58 64.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#50

Toluene-d8

Concen: 48.537 ug/l

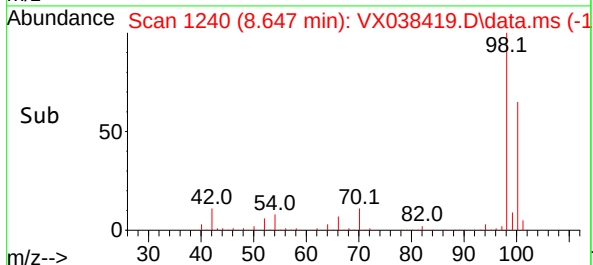
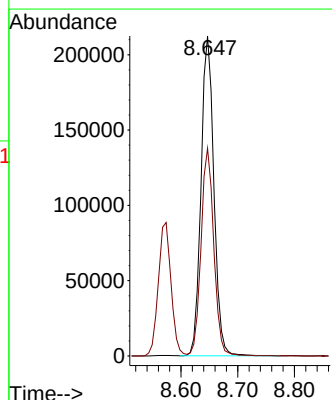
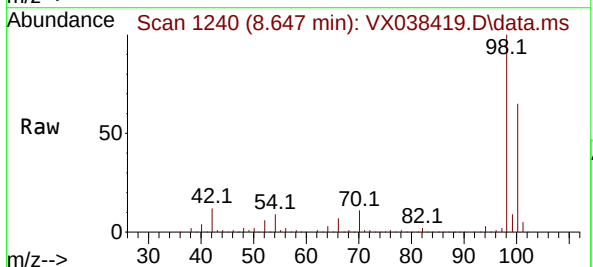
RT: 8.647 min Scan# 1240

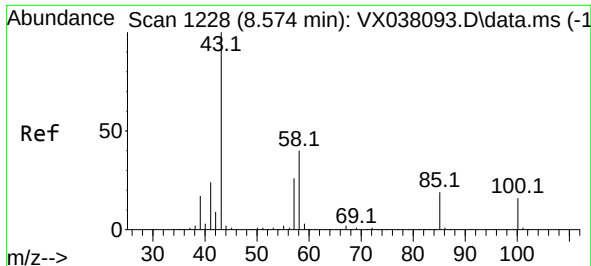
Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Tgt Ion: 98 Resp: 333866
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 272.841 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 828239

Ion Ratio Lower Upper

43 100

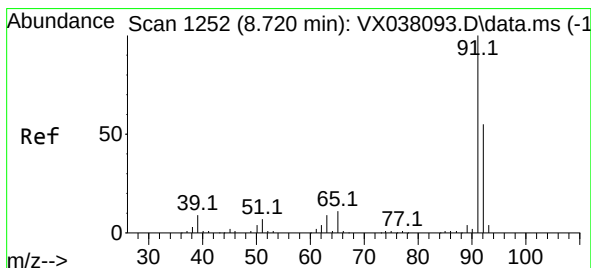
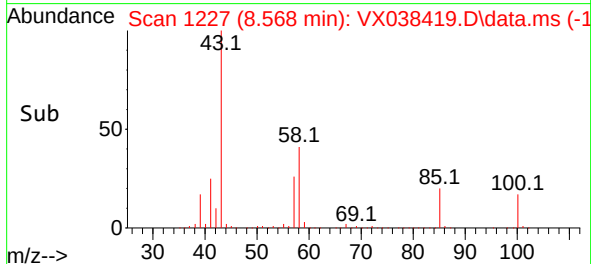
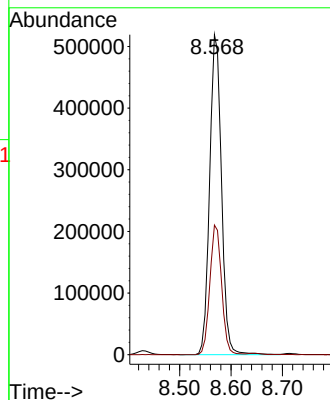
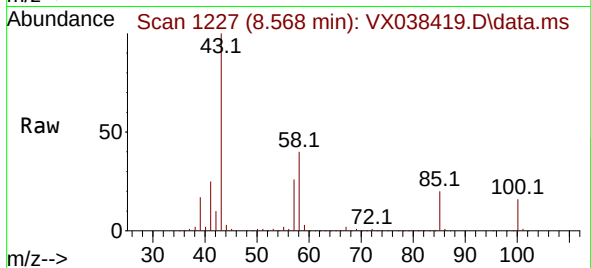
58 40.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#52

Toluene

Concen: 53.256 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038419.D

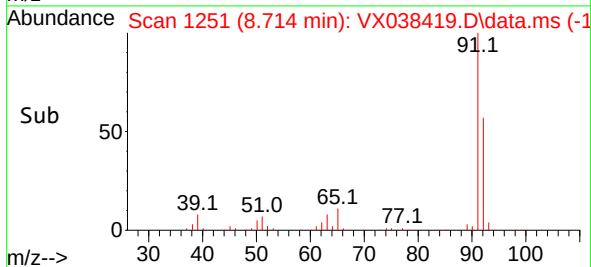
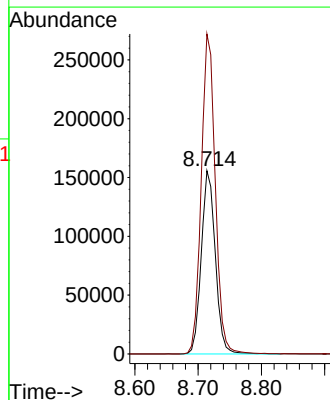
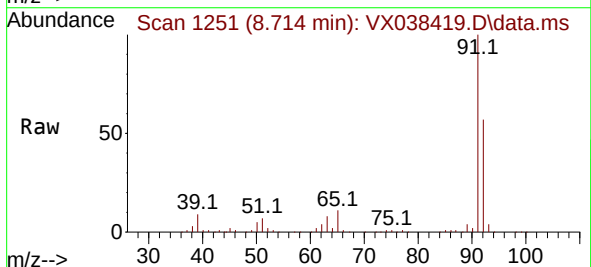
Acq: 23 Oct 2023 09:56

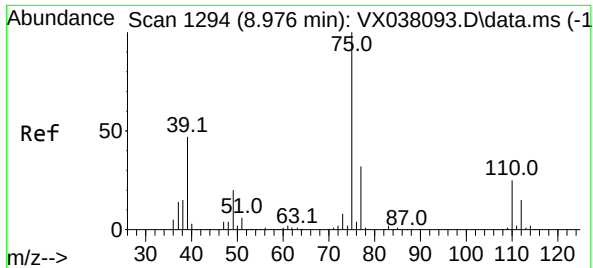
Tgt Ion: 92 Resp: 240855

Ion Ratio Lower Upper

92 100

91 174.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 58.712 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 156248

Ion Ratio Lower Upper

75 100

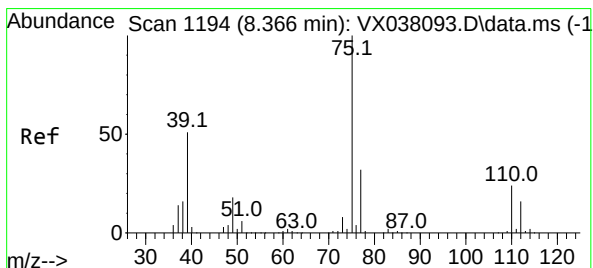
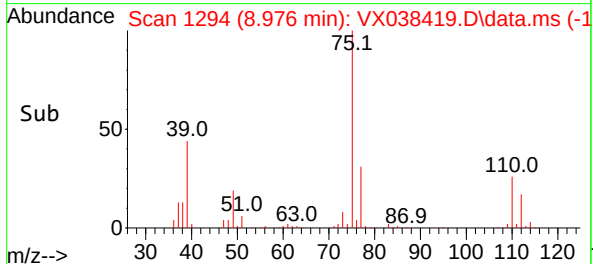
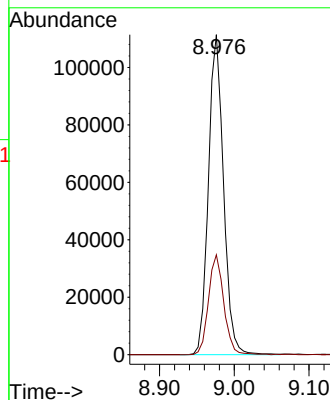
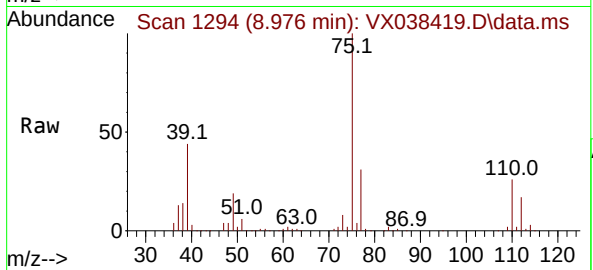
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#54

cis-1,3-Dichloropropene

Concen: 58.607 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

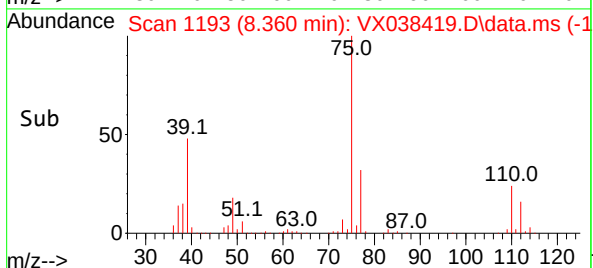
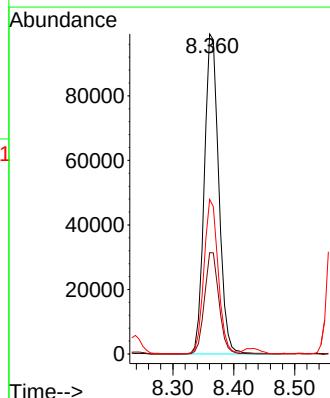
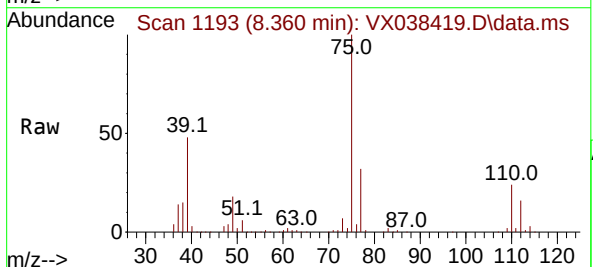
Tgt Ion: 75 Resp: 163869

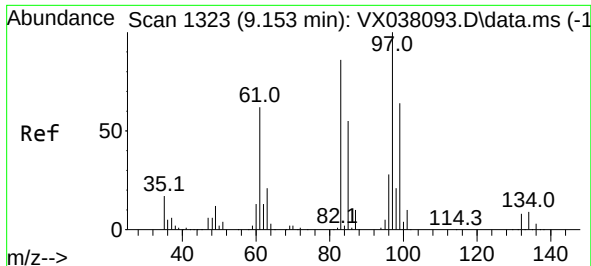
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 48.2 46.7 70.1





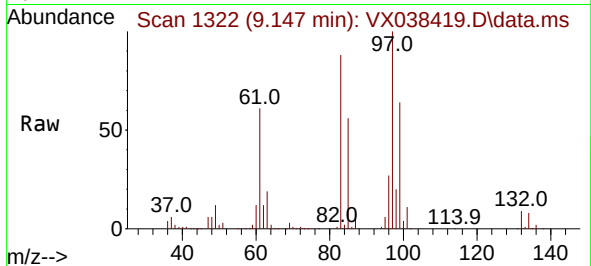
#55
1,1,2-Trichloroethane
Concen: 57.848 ug/l
RT: 9.147 min Scan# 111904
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



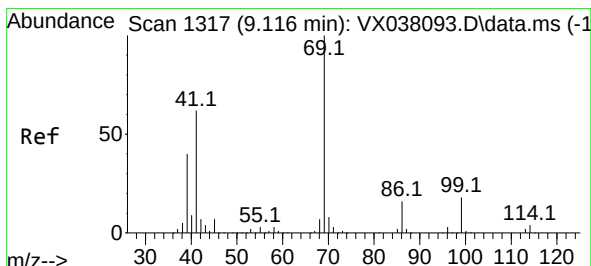
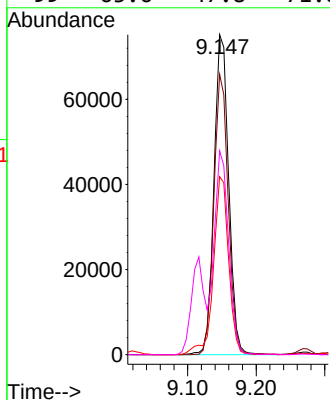
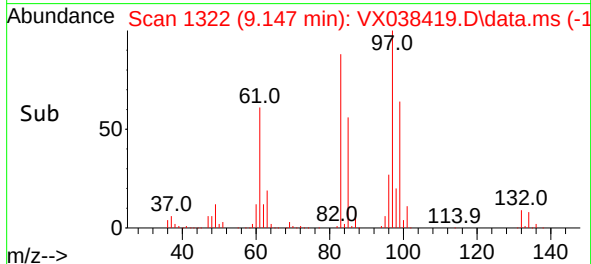
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	65.8	98.8
85	55.6	41.6	62.4
99	63.6	47.8	71.8

Manual Integrations

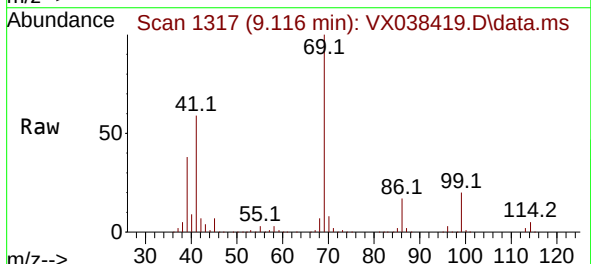
APPROVED

Reviewed By :John Carlone 10/24/2023

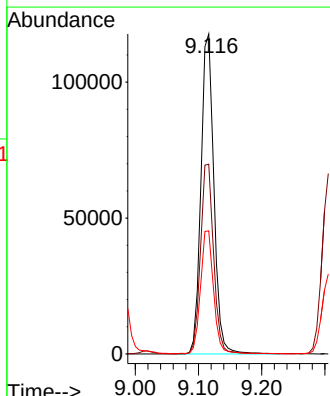
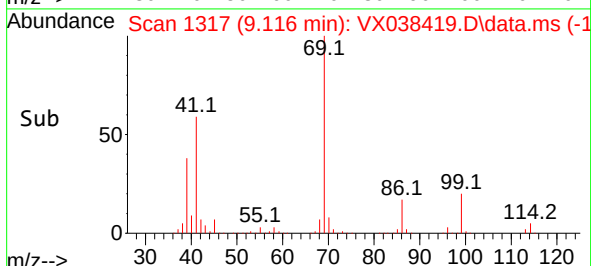
Supervised By :Semsettin Yesilyurt 10/24/2023

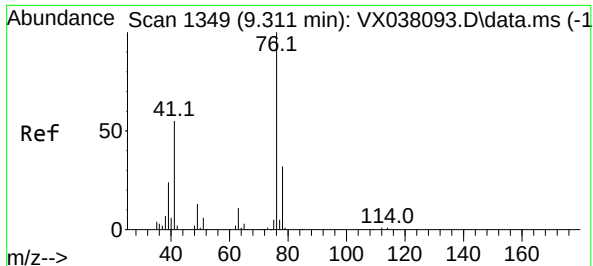


#56
Ethyl methacrylate
Concen: 56.632 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.2	56.8	85.2
39	38.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 56.719 ug/l

RT: 9.305 min Scan# 11745

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 17745

Ion Ratio Lower Upper

76 100

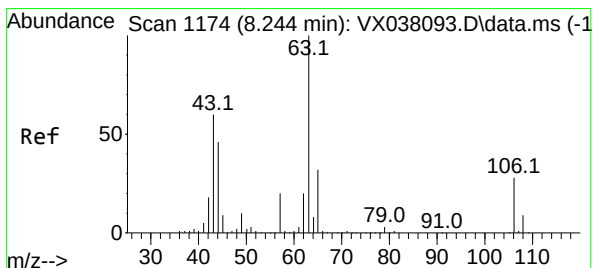
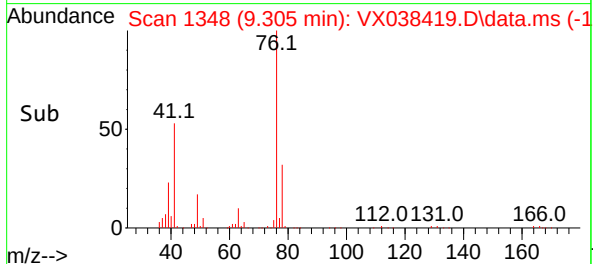
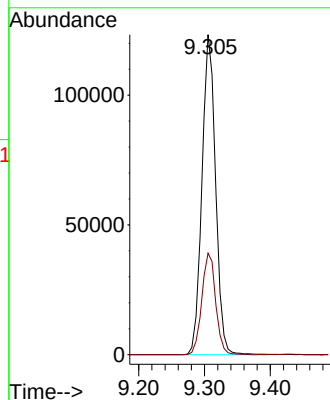
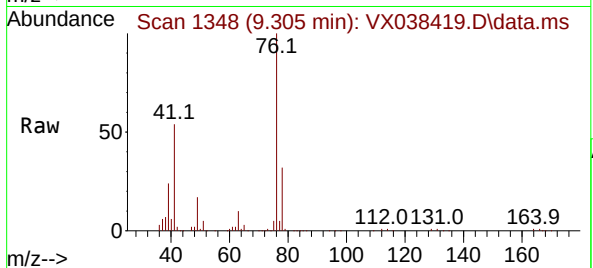
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.422 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038419.D

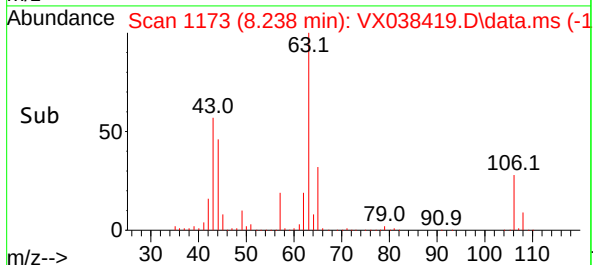
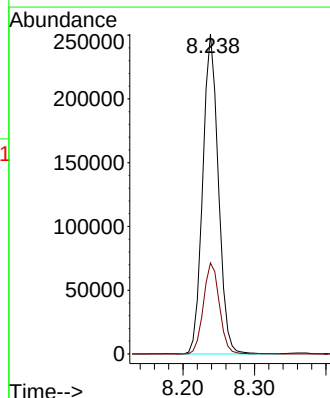
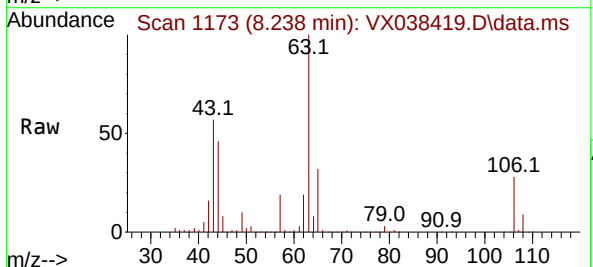
Acq: 23 Oct 2023 09:56

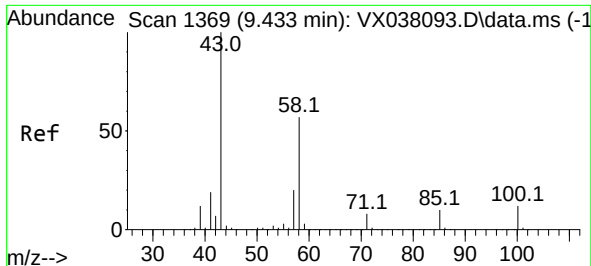
Tgt Ion: 63 Resp: 380594

Ion Ratio Lower Upper

63 100

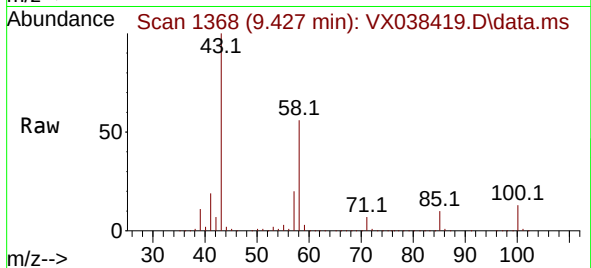
106 29.1 22.5 33.7





#59
2-Hexanone
Concen: 276.916 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

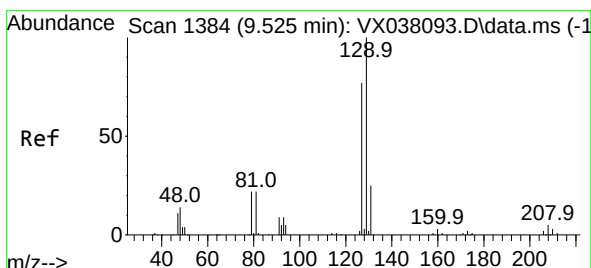
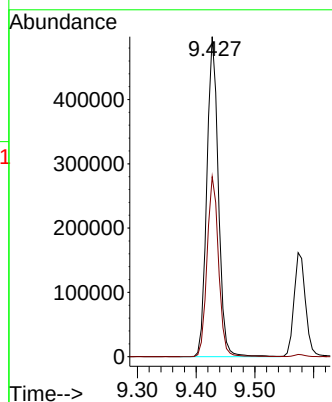
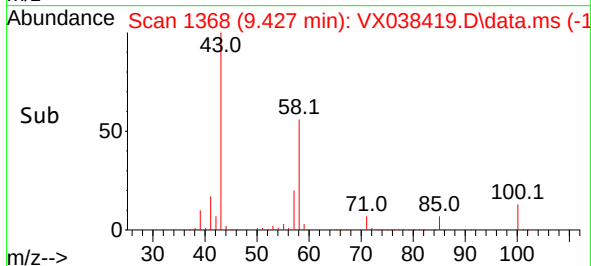
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 675780
Ion Ratio Lower Upper
43 100
58 56.3 26.2 78.5

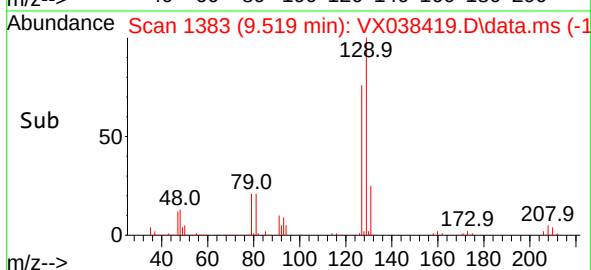
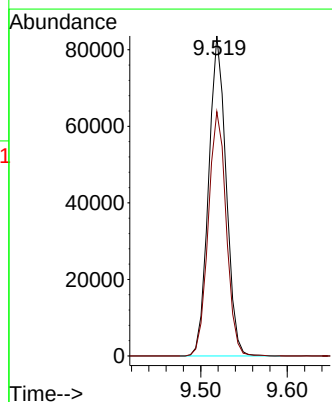
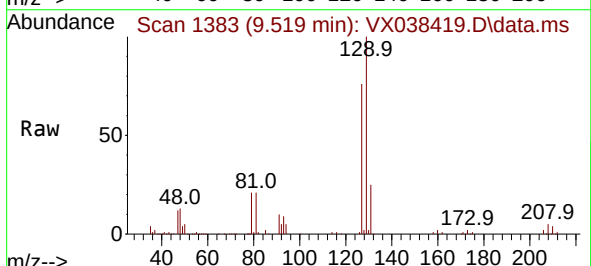
Manual Integrations
APPROVED

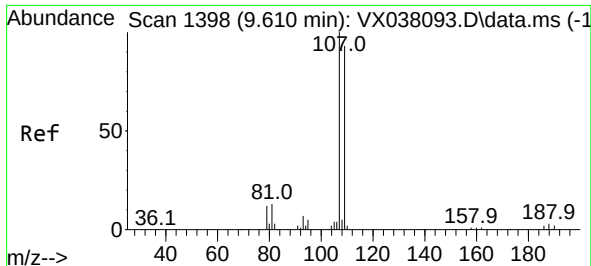
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#60
Dibromochloromethane
Concen: 62.014 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion:129 Resp: 117409
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 58.237 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

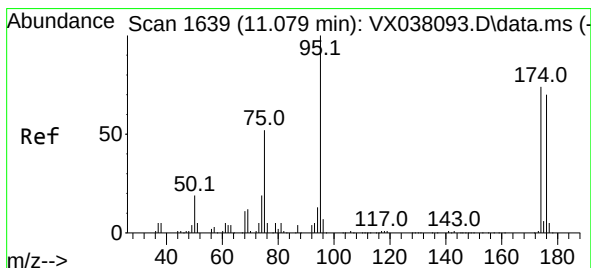
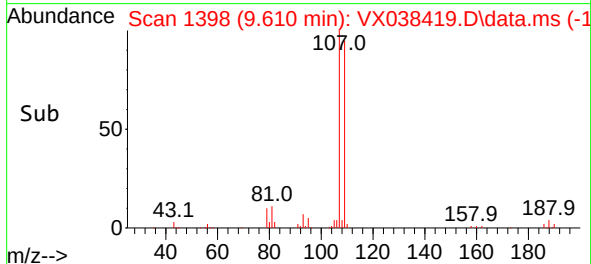
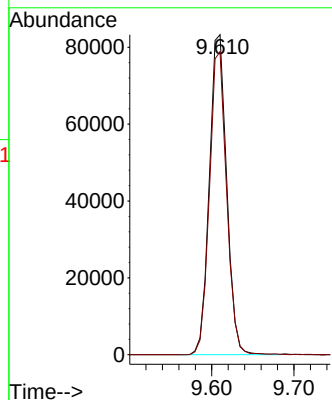
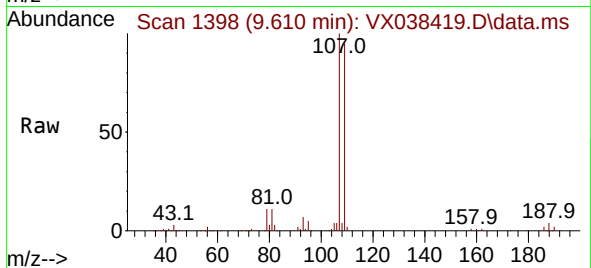
Tgt Ion:107 Resp: 12182
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations

APPROVED

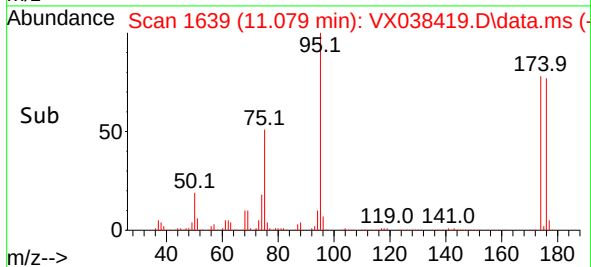
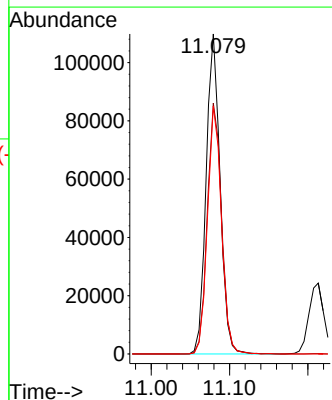
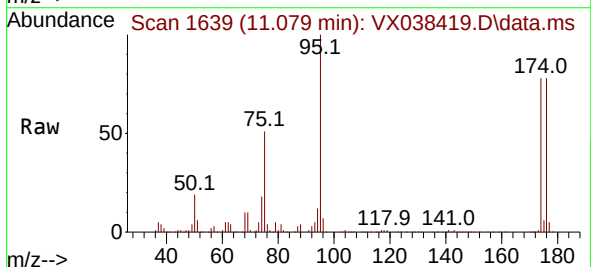
Reviewed By :John Carlone 10/24/2023

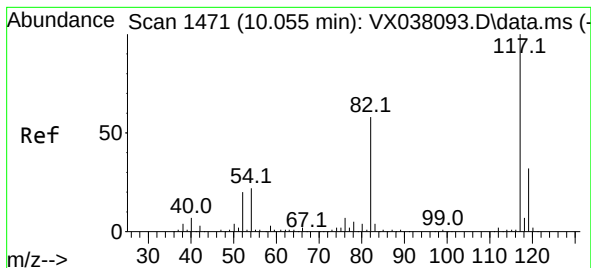
Supervised By :Semsettin Yesilyurt 10/24/2023



#62
4-Bromofluorobenzene
Concen: 51.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

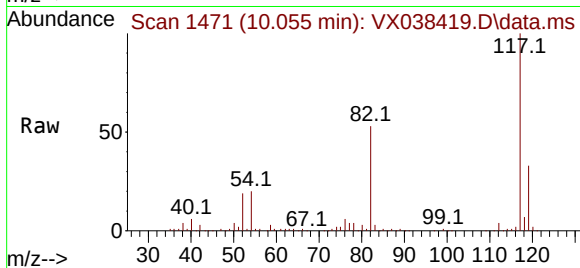
Tgt Ion: 95 Resp: 134920
Ion Ratio Lower Upper
95 100
174 80.7 0.0 135.6
176 77.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

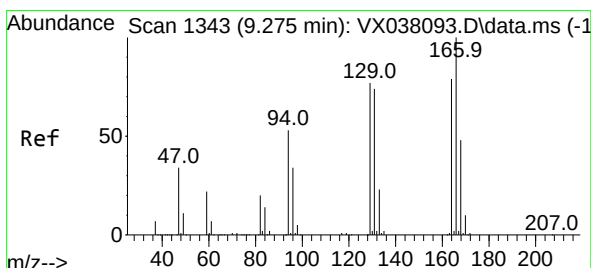
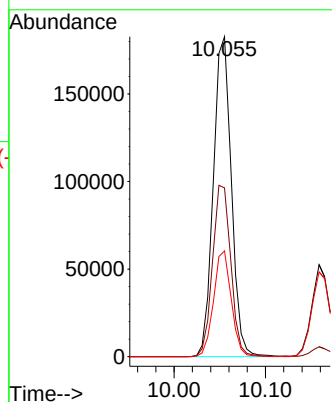
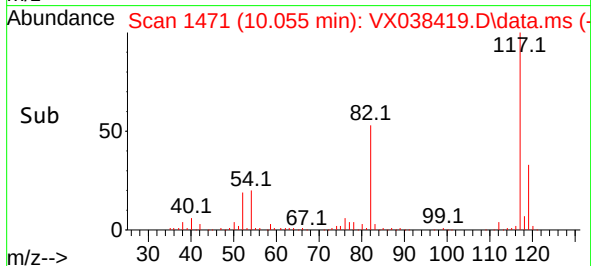
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 25016
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 33.1 25.5 38.3

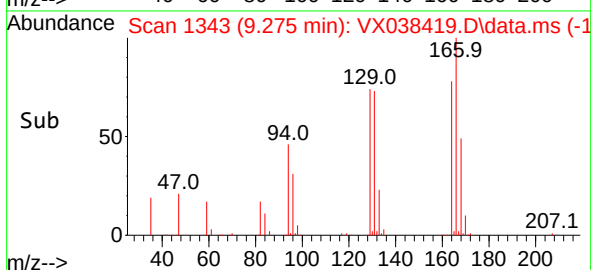
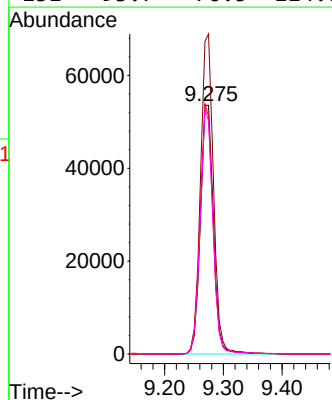
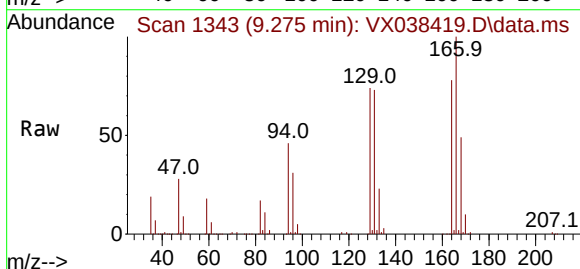
Manual Integrations
APPROVED

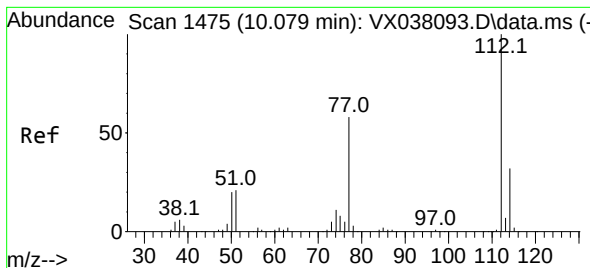
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#64
Tetrachloroethene
Concen: 50.500 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

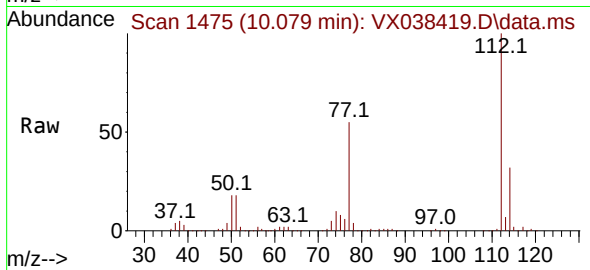
Tgt Ion:164 Resp: 81783
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 95.7 80.4 120.6
131 93.7 76.5 114.7





#65
Chlorobenzene
Concen: 52.537 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

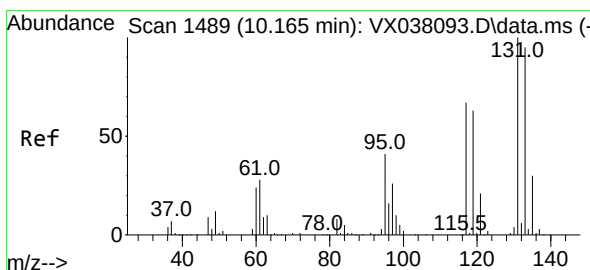
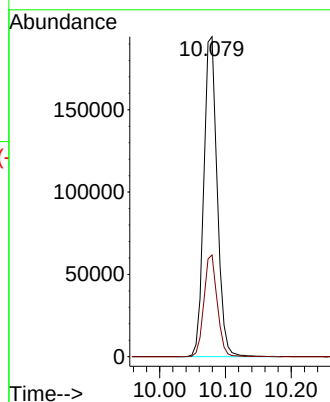
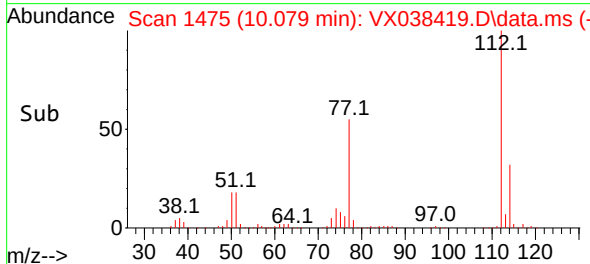
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



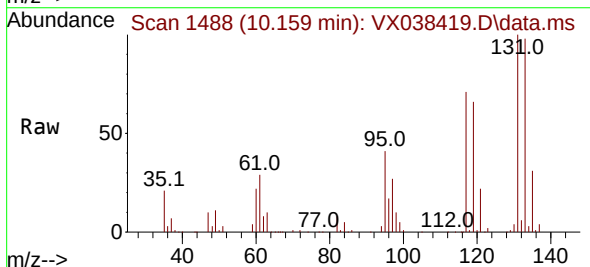
Tgt Ion:112 Resp: 275019
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

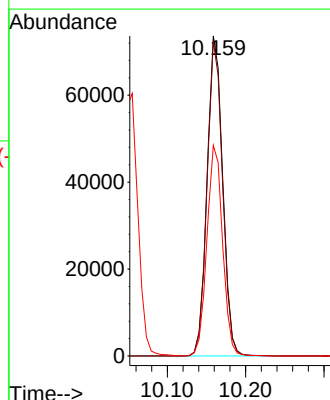
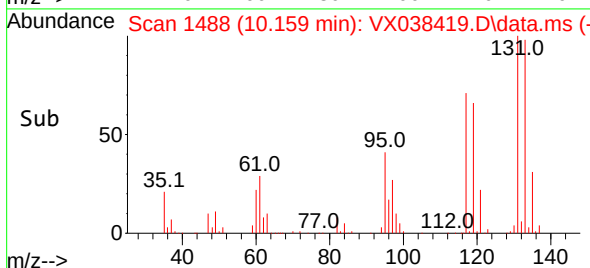
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

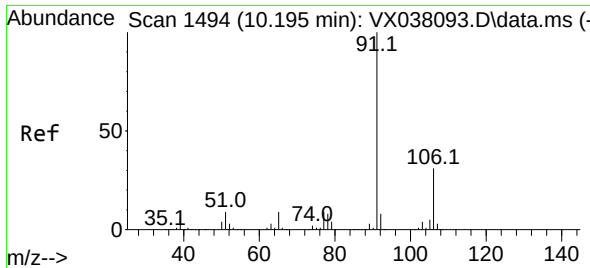


#66
1,1,1,2-Tetrachloroethane
Concen: 57.602 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



Tgt Ion:131 Resp: 101963
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.4
119 66.0 32.2 96.6





#67

Ethyl Benzene

Concen: 50.823 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 47488

Ion Ratio Lower Upper

91 100

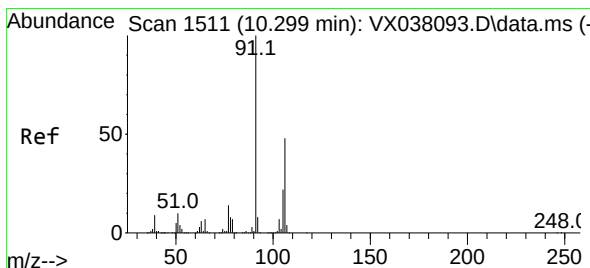
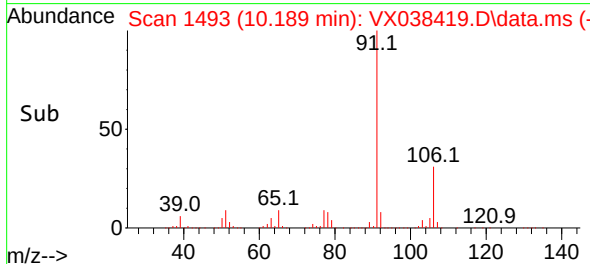
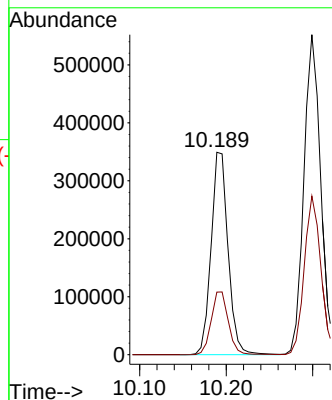
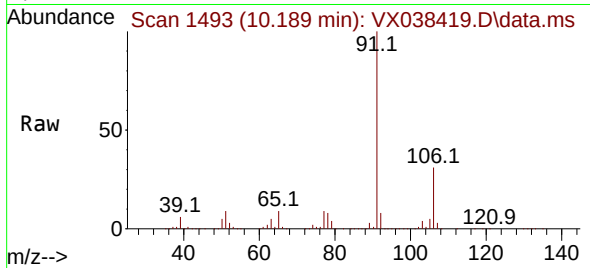
106 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#68

m/p-Xylenes

Concen: 102.280 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038419.D

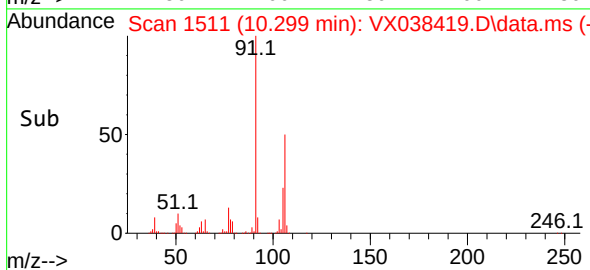
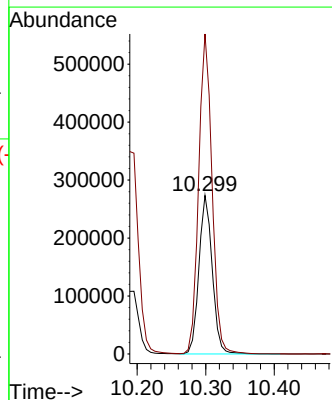
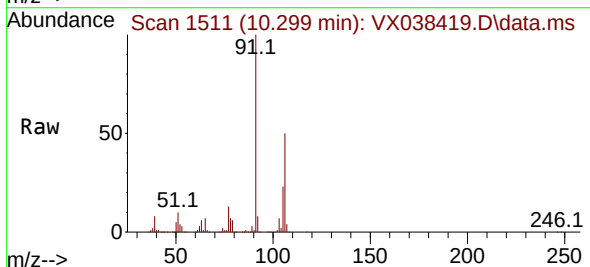
Acq: 23 Oct 2023 09:56

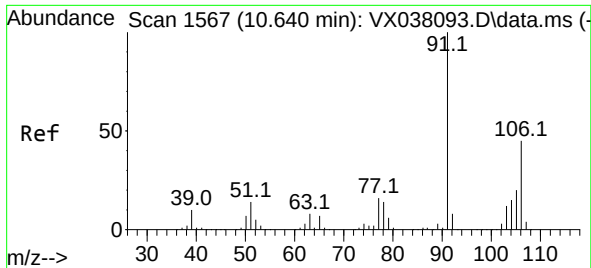
Tgt Ion:106 Resp: 369537

Ion Ratio Lower Upper

106 100

91 202.6 165.5 248.3





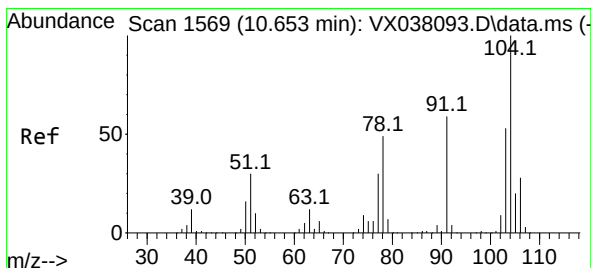
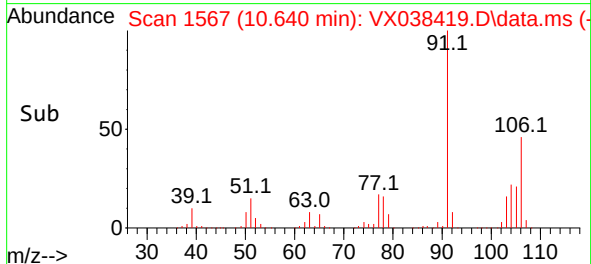
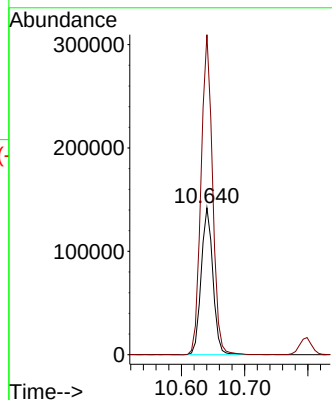
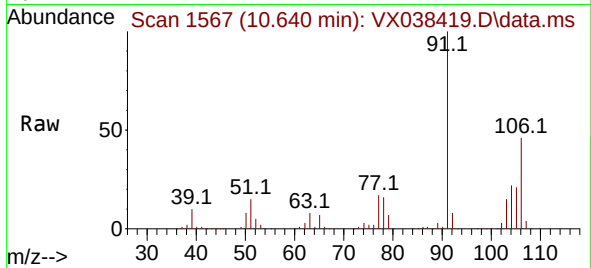
#69
o-Xylene
Concen: 51.891 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 182979
Ion Ratio Lower Upper
106 100
91 214.6 108.9 326.8

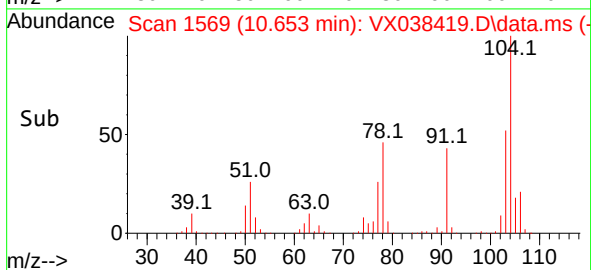
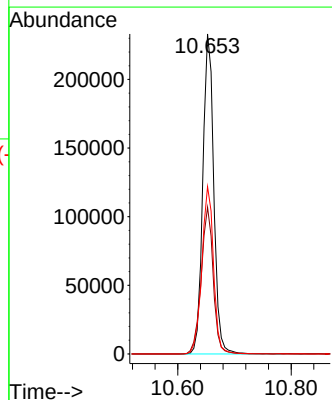
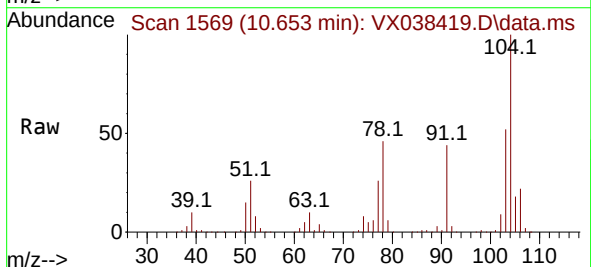
Manual Integrations
APPROVED

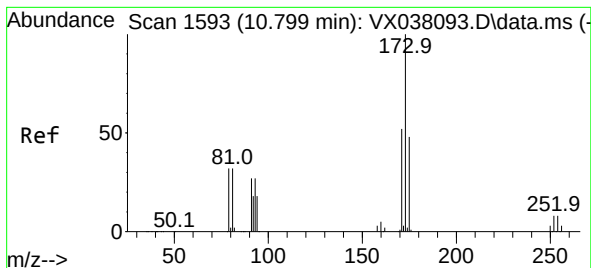
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#70
Styrene
Concen: 54.412 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion:104 Resp: 312467
Ion Ratio Lower Upper
104 100
78 50.3 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 55.189 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 91144

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

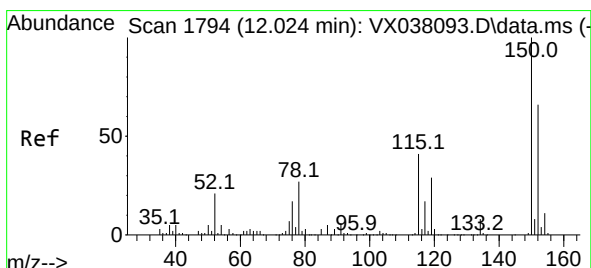
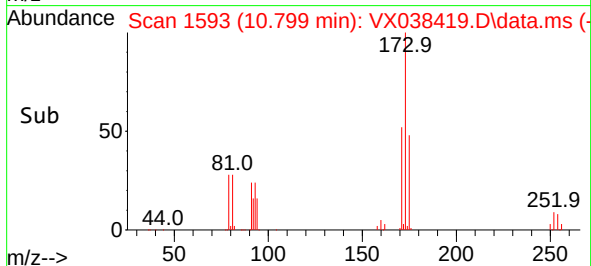
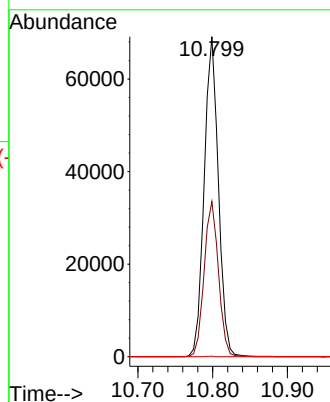
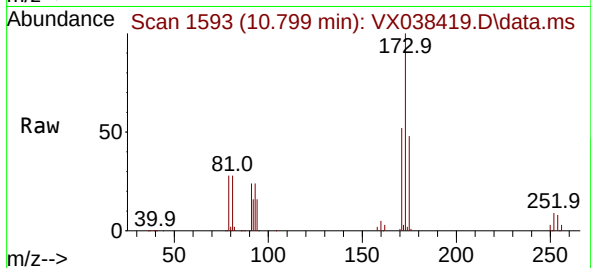
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

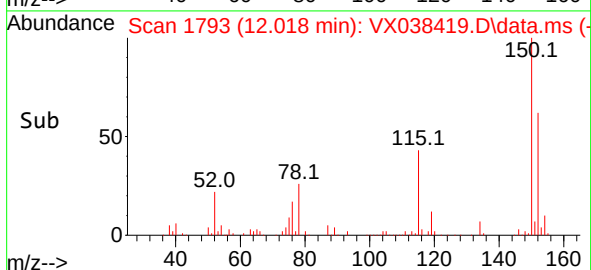
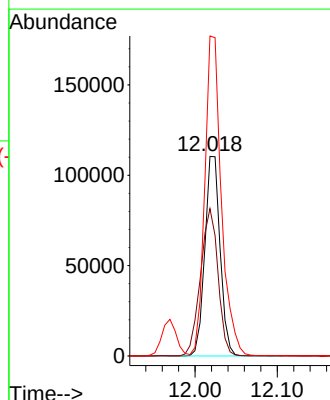
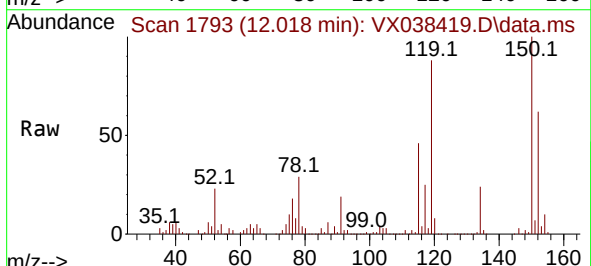
Tgt Ion:152 Resp: 142572

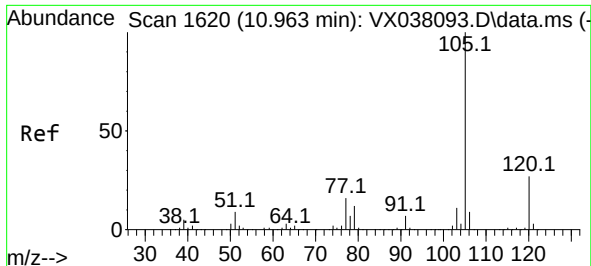
Ion Ratio Lower Upper

152 100

115 84.7 43.3 129.9

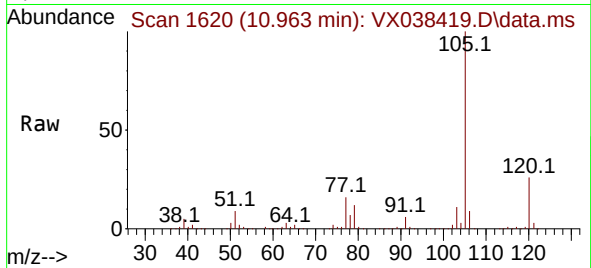
150 174.3 0.0 345.0





#73
Isopropylbenzene
Concen: 48.764 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

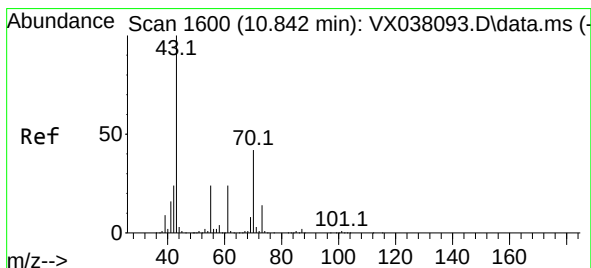
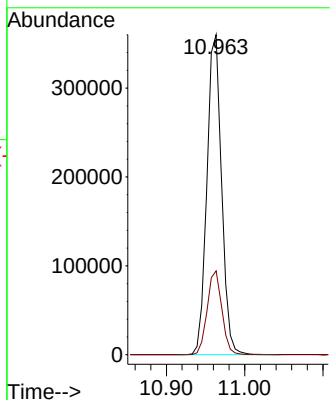
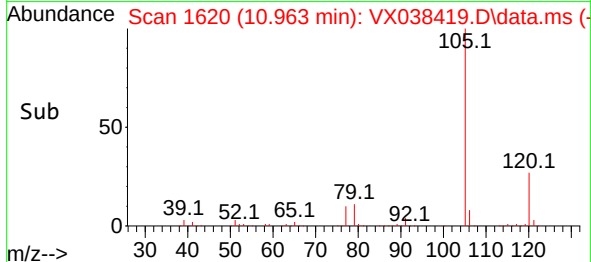
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



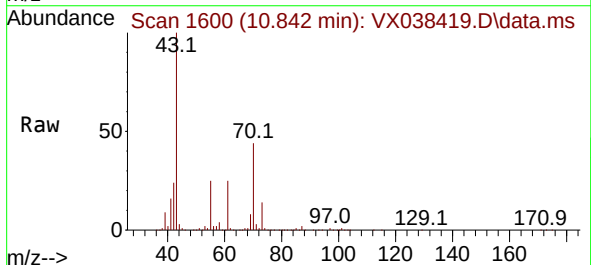
Tgt Ion:105 Resp: 466240
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

Manual Integrations
APPROVED

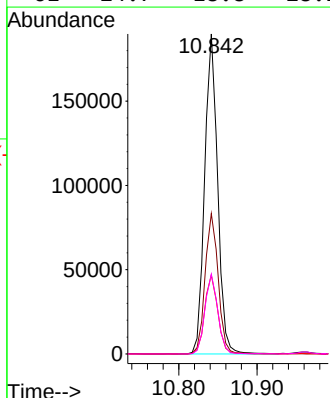
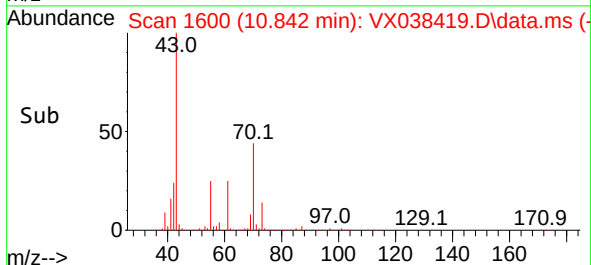
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

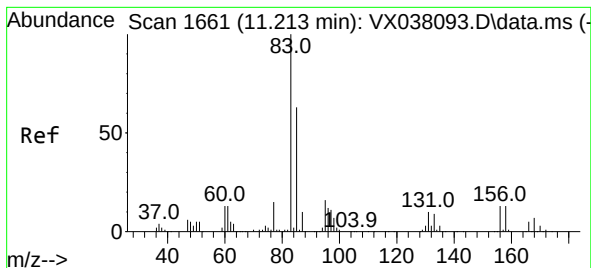


#74
N-ethyl acetate
Concen: 53.266 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



Tgt Ion: 43 Resp: 217485
Ion Ratio Lower Upper
43 100
70 44.3 32.9 49.3
55 25.0 19.3 28.9
61 24.7 18.8 28.2





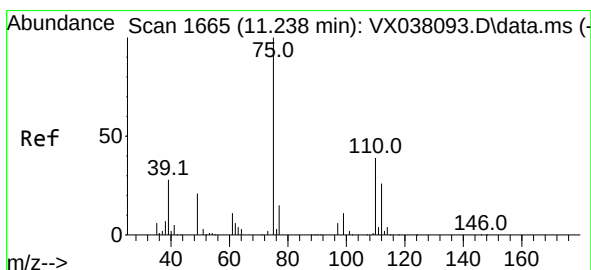
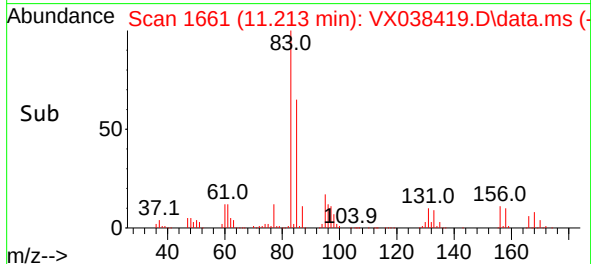
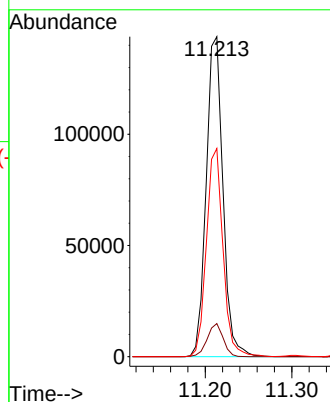
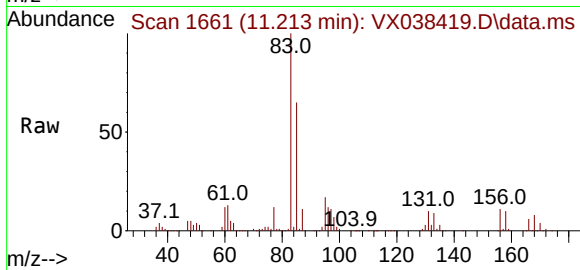
#75
1,1,2,2-Tetrachloroethane
Concen: 55.081 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 193248
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.6 32.0 96.2

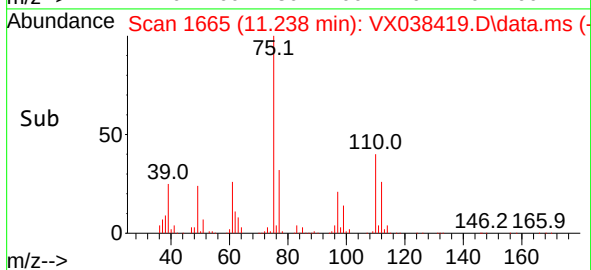
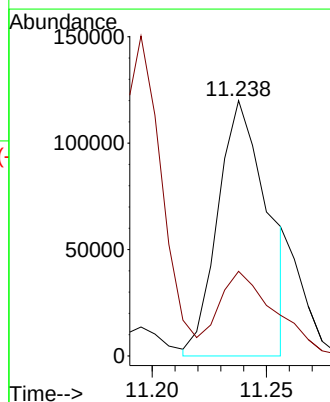
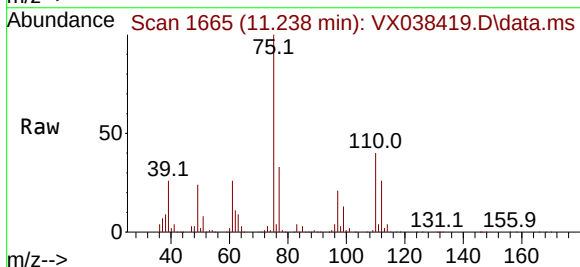
Manual Integrations
APPROVED

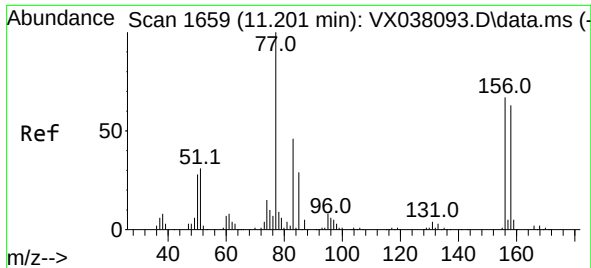
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#76
1,2,3-Trichloropropane
Concen: 55.768 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

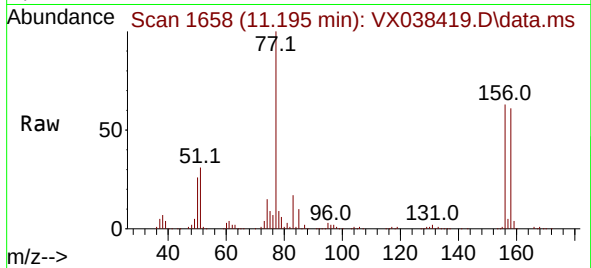
Tgt Ion: 75 Resp: 180756
Ion Ratio Lower Upper
75 100
77 37.8 19.1 57.5





#77
Bromobenzene
Concen: 53.090 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

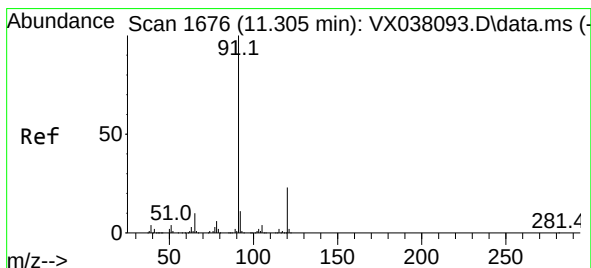
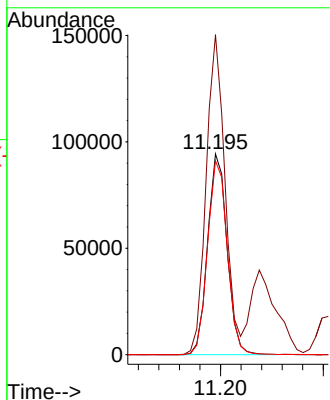
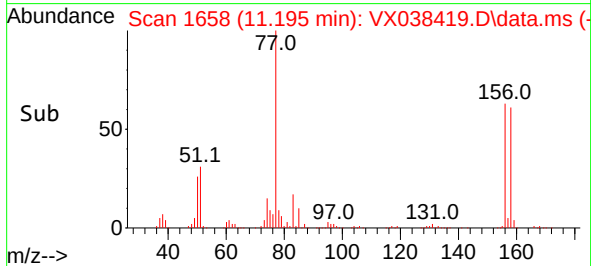
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 123930
Ion Ratio Lower Upper
156 100
77 154.0 88.4 265.3
158 97.9 48.0 144.0

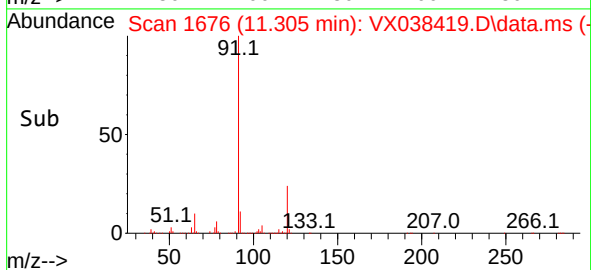
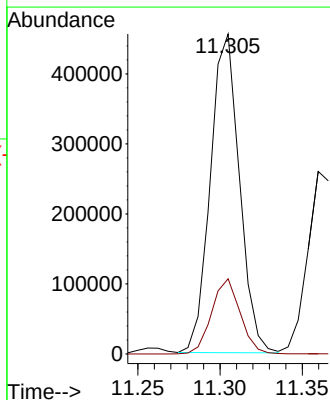
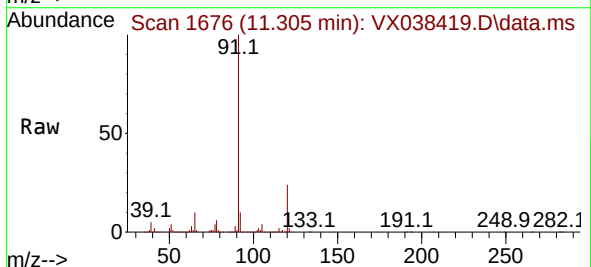
Manual Integrations
APPROVED

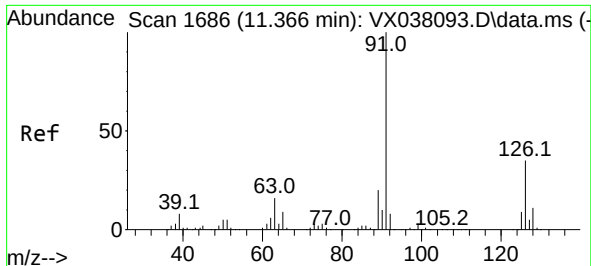
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#78
n-propylbenzene
Concen: 47.950 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Tgt Ion: 91 Resp: 560589
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.347 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 33520

Ion Ratio Lower Upper

91 100

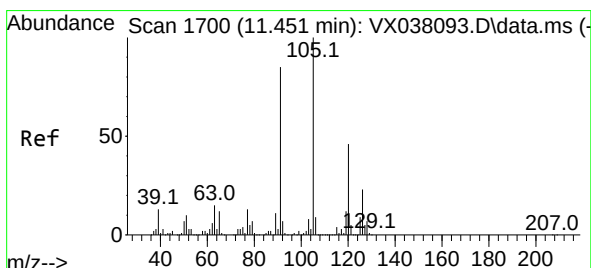
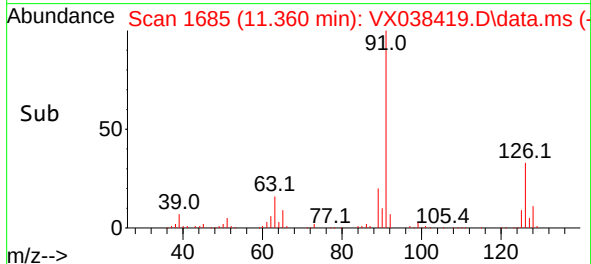
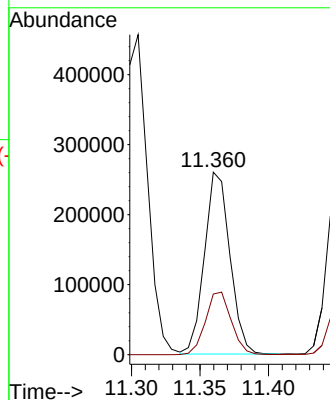
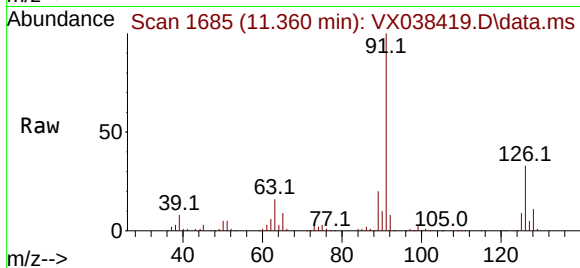
126 35.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#80

1,3,5-Trimethylbenzene

Concen: 50.439 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038419.D

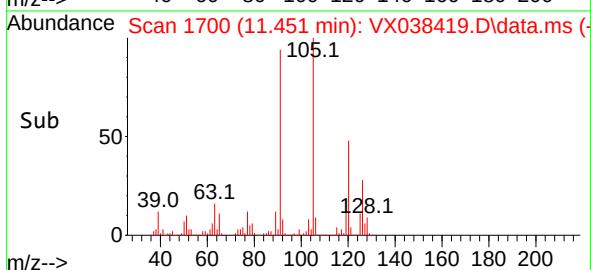
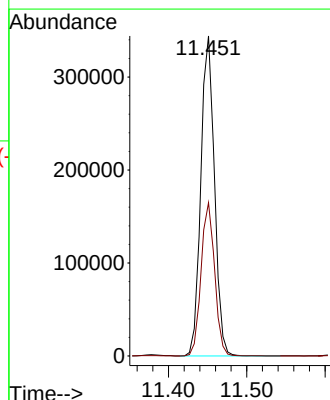
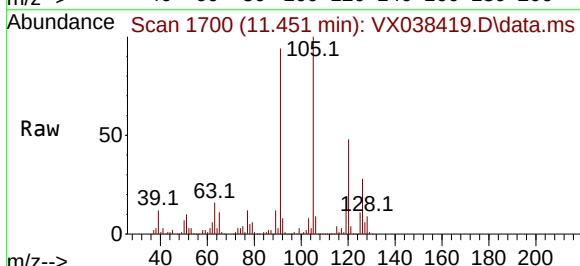
Acq: 23 Oct 2023 09:56

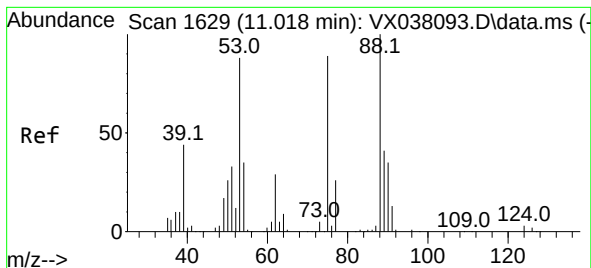
Tgt Ion:105 Resp: 416066

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3





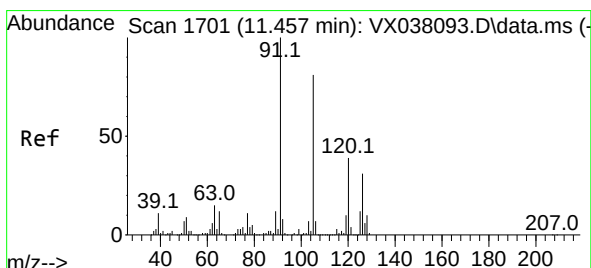
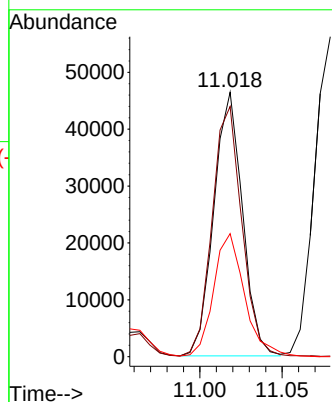
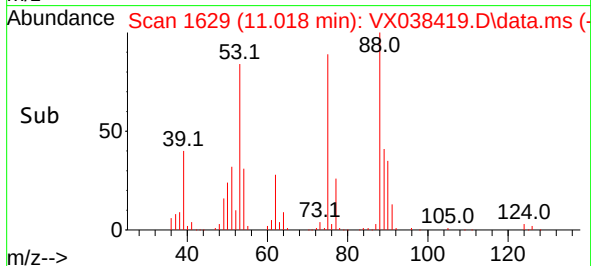
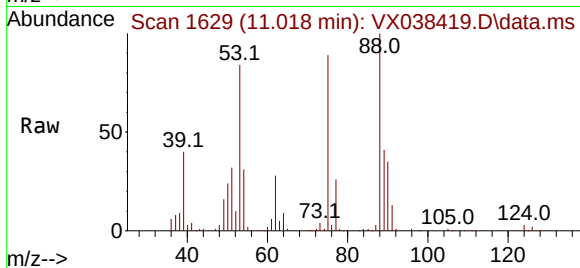
#81
trans-1,4-Dichloro-2-butene
Concen: 50.683 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 56320
Ion Ratio Lower Upper
75 100
53 98.1 90.5 135.7
89 50.5 36.9 55.3

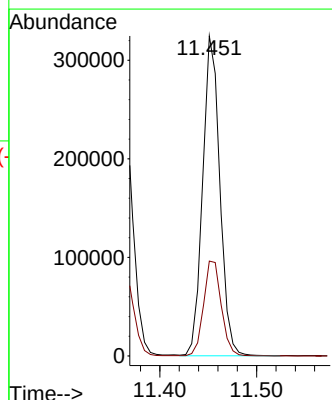
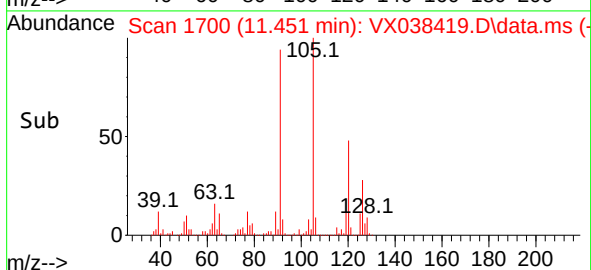
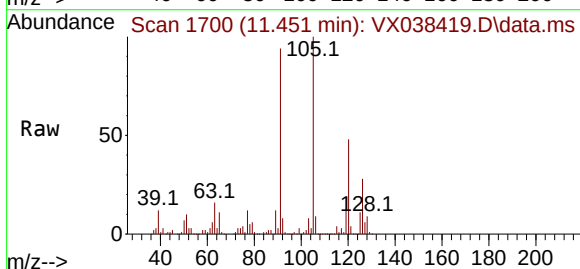
Manual Integrations
APPROVED

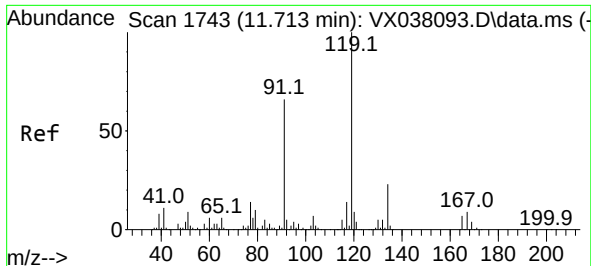
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#82
4-Chlorotoluene
Concen: 48.917 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

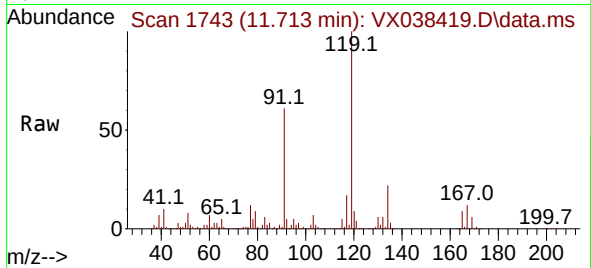
Tgt Ion: 91 Resp: 401337
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.022 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

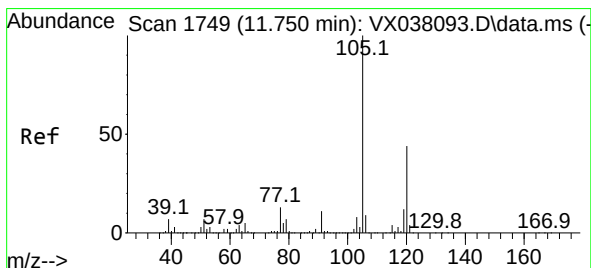
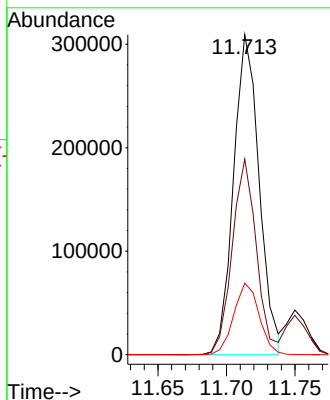
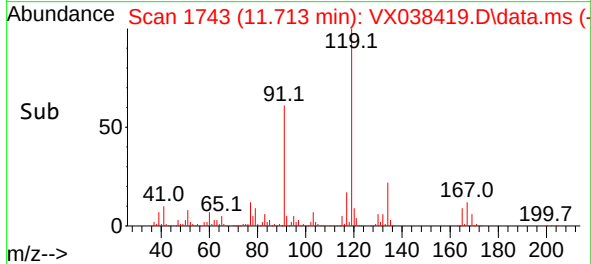
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



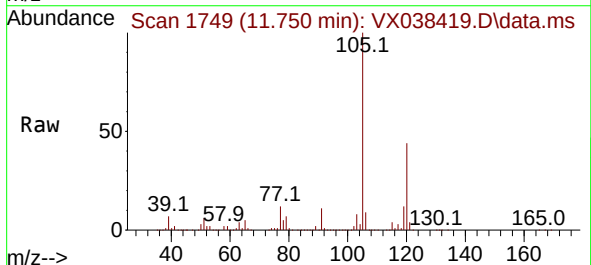
Tgt Ion:119 Resp: 40319
Ion Ratio Lower Upper
119 100
91 57.9 31.2 93.6
134 22.2 11.7 35.0

Manual Integrations
APPROVED

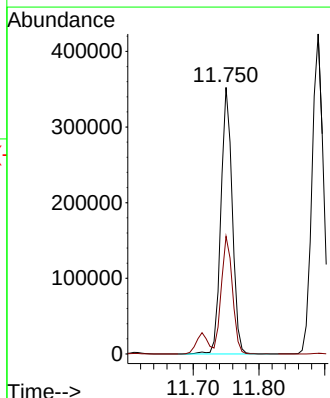
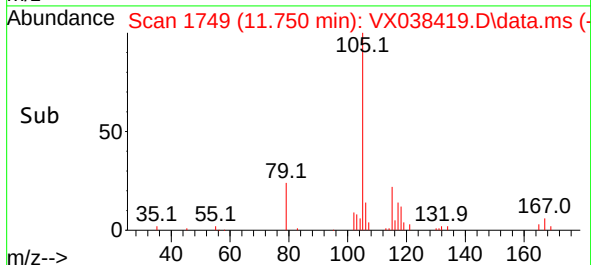
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

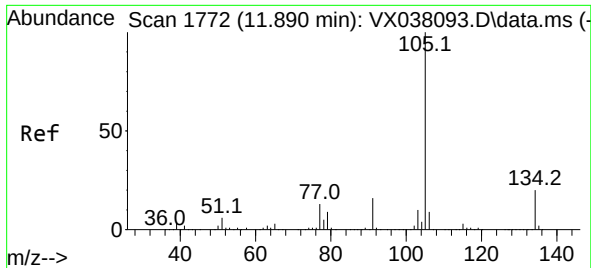


#84
1,2,4-Trimethylbenzene
Concen: 51.197 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



Tgt Ion:105 Resp: 421072
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.024 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038419.D
 Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

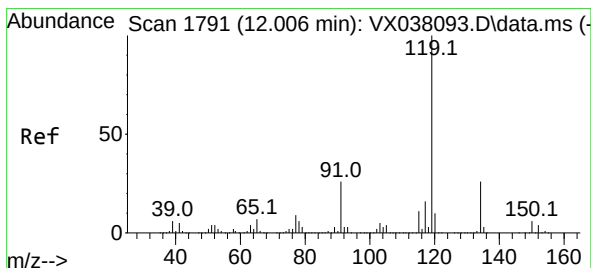
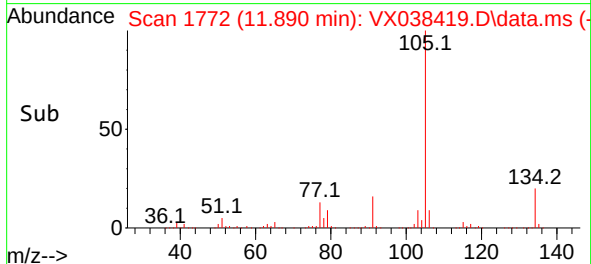
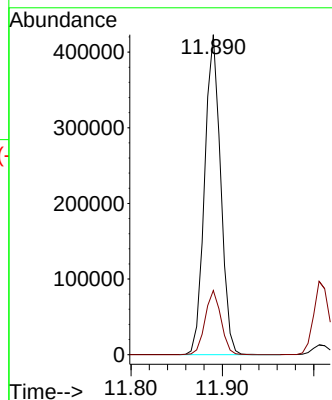
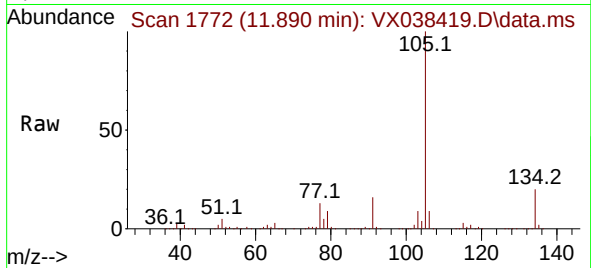
VSTDCCC050

Tgt Ion:105 Resp: 511860
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations

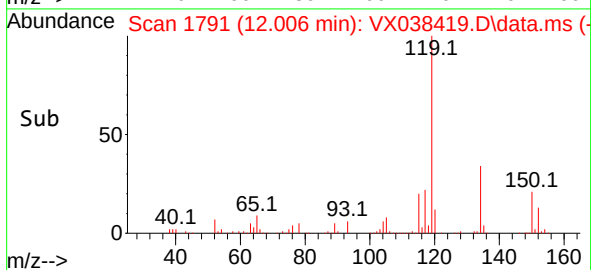
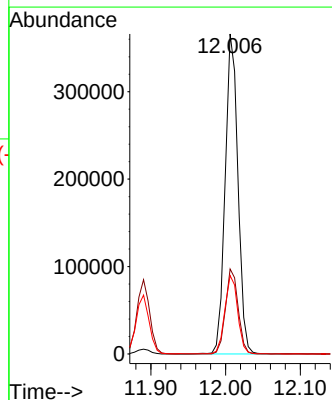
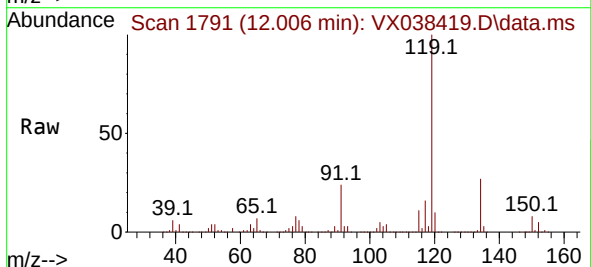
APPROVED

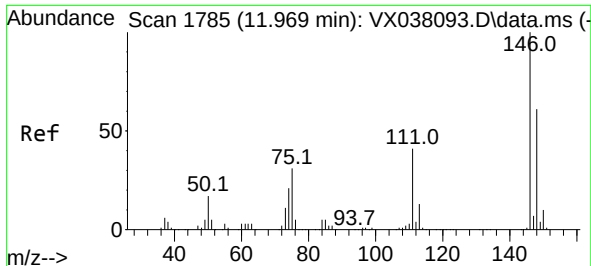
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#86
 p-Isopropyltoluene
 Concen: 50.423 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038419.D
 Acq: 23 Oct 2023 09:56

Tgt Ion:119 Resp: 434364
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.102 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 23959

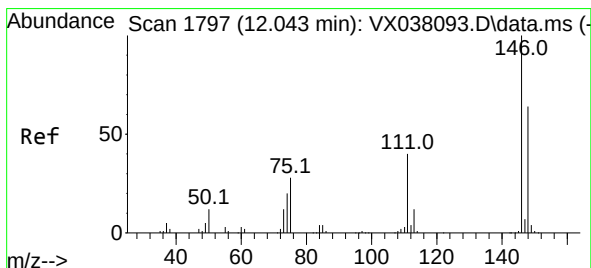
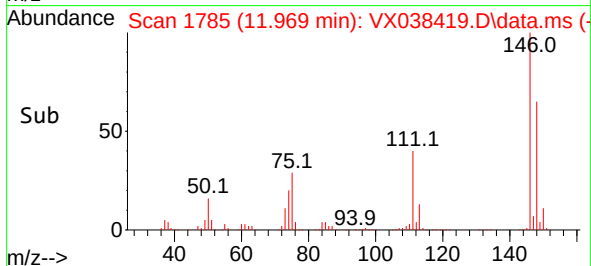
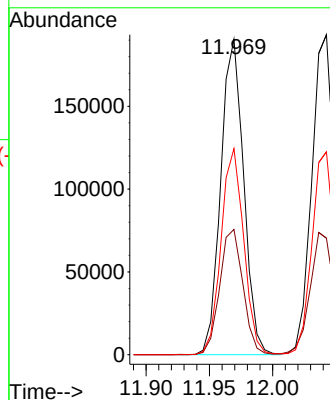
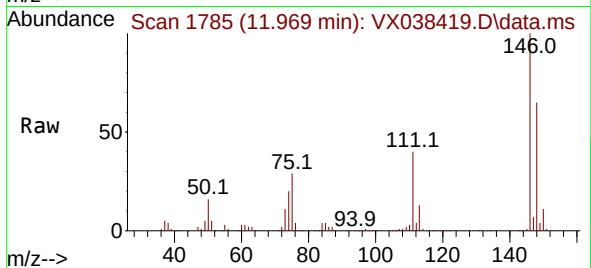
Ion	Ratio	Lower	Upper
146	100		
111	40.4	22.1	66.1
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#88

1,4-Dichlorobenzene

Concen: 51.627 ug/l

RT: 12.043 min Scan# 1797

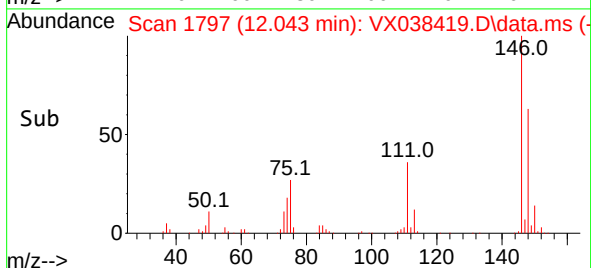
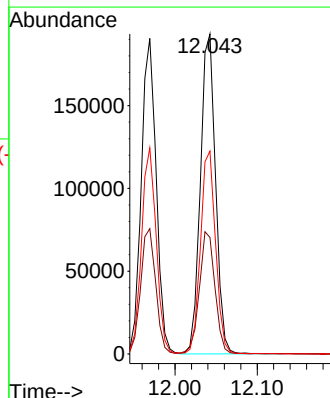
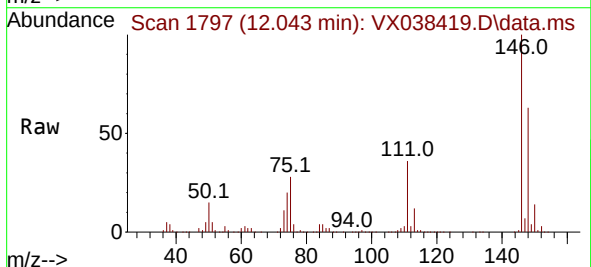
Delta R.T. -0.000 min

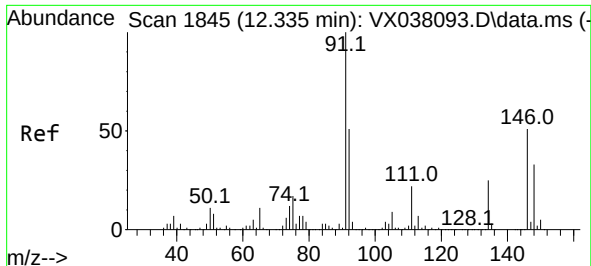
Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Tgt Ion:146 Resp: 247121

Ion	Ratio	Lower	Upper
146	100		
111	39.2	21.3	63.7
148	63.3	31.8	95.4





#89

n-Butylbenzene

Concen: 48.551 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 41653

Ion Ratio Lower Upper

91 100

92 51.2 27.4 82.0

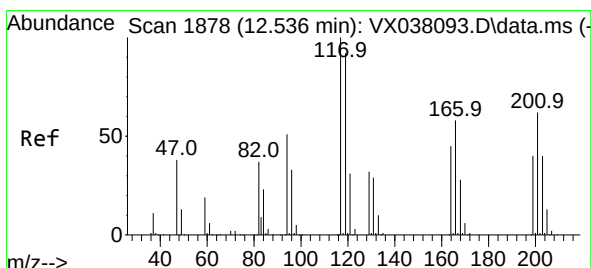
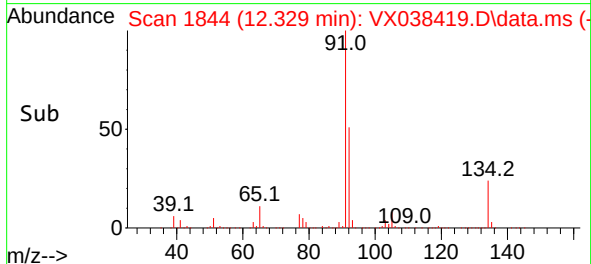
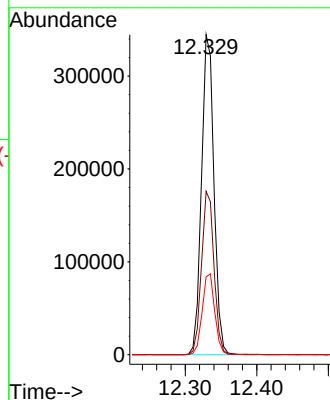
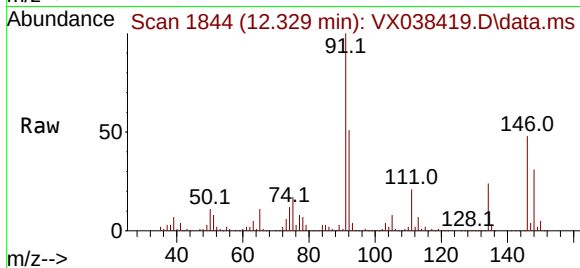
134 25.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#90

Hexachloroethane

Concen: 52.461 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038419.D

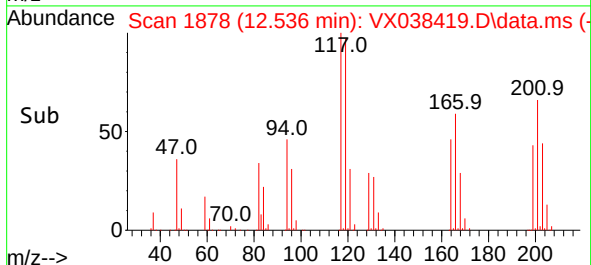
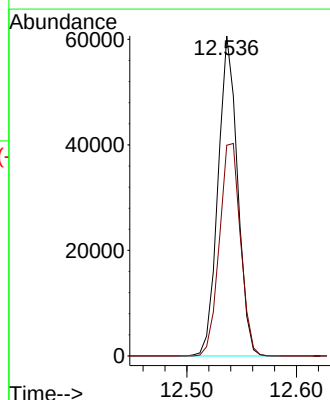
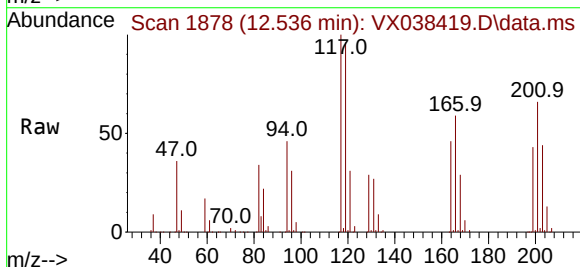
Acq: 23 Oct 2023 09:56

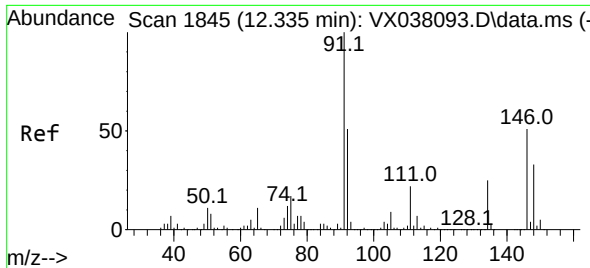
Tgt Ion:117 Resp: 74929

Ion Ratio Lower Upper

117 100

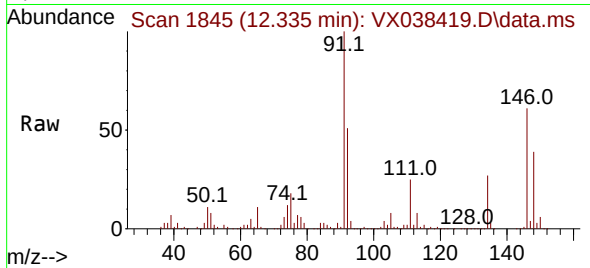
201 71.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.444 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

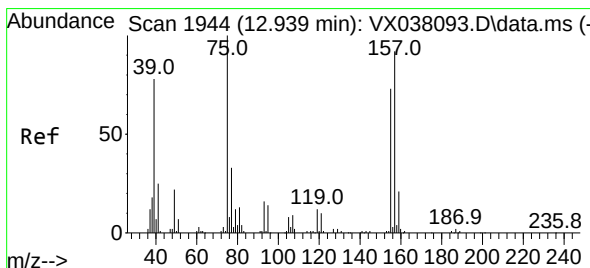
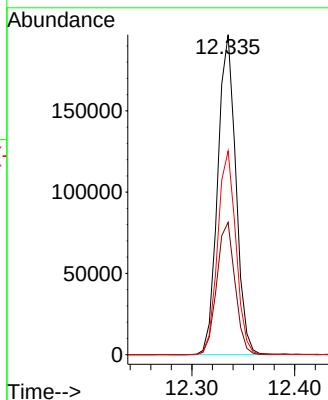
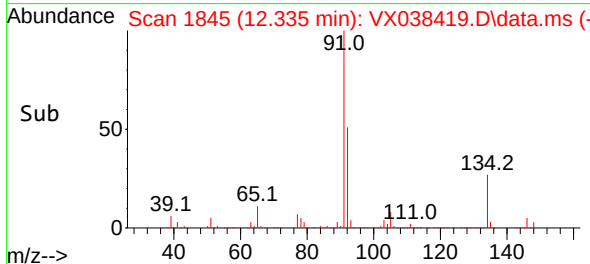
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



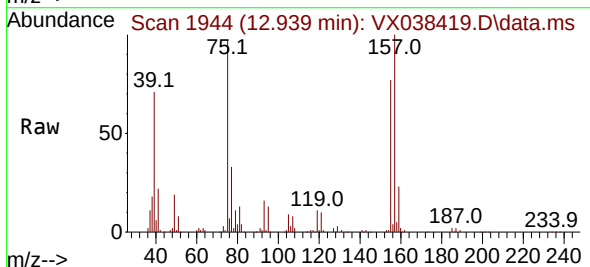
Tgt Ion:146 Resp: 24086
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

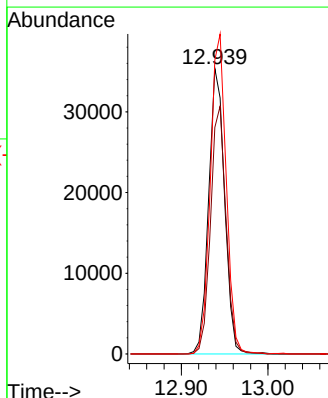
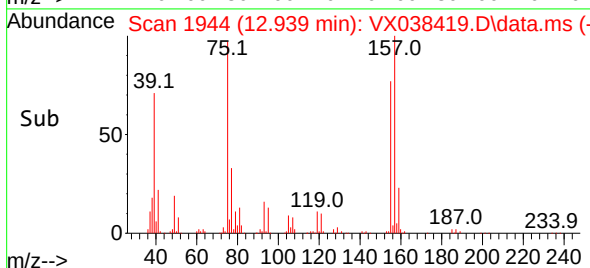
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

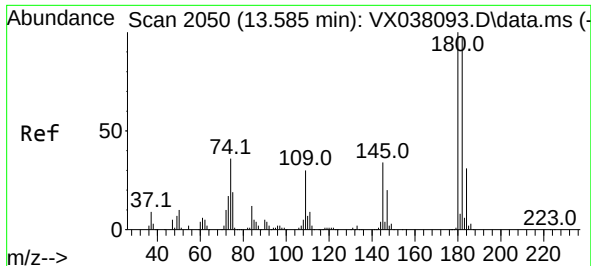


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.258 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



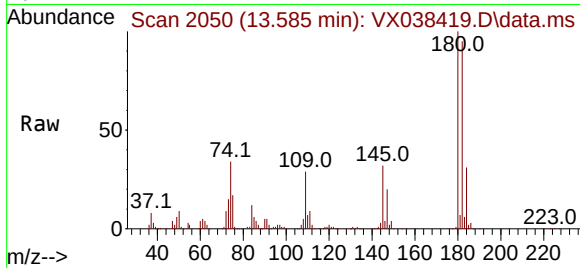
Tgt Ion: 75 Resp: 45177
Ion Ratio Lower Upper
75 100
155 84.6 36.1 108.5
157 111.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 53.334 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56

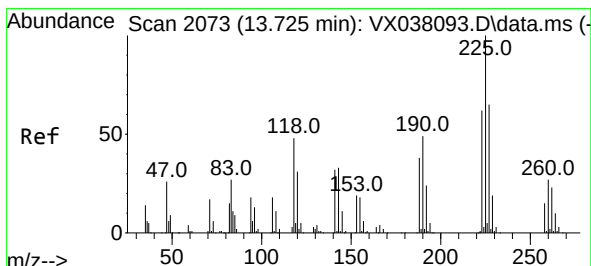
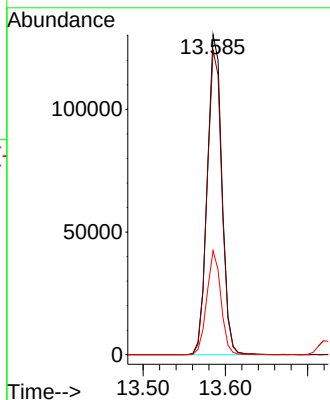
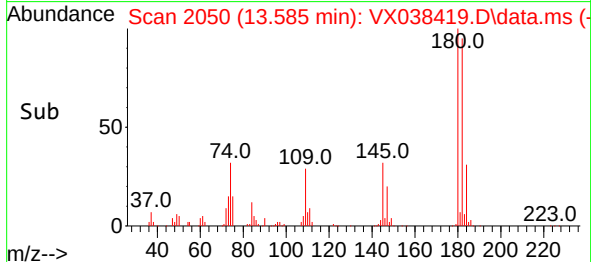
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



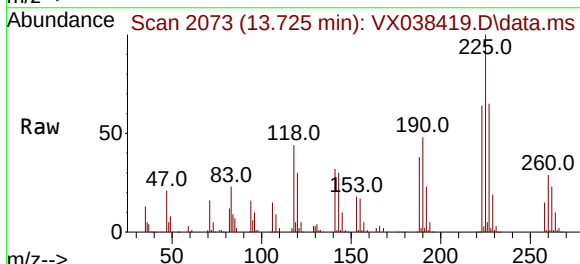
Tgt Ion:180 Resp: 16121
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.8
145 31.3 18.0 54.0

Manual Integrations
APPROVED

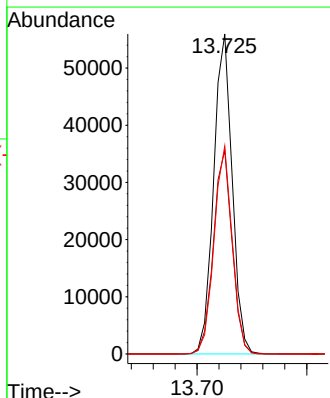
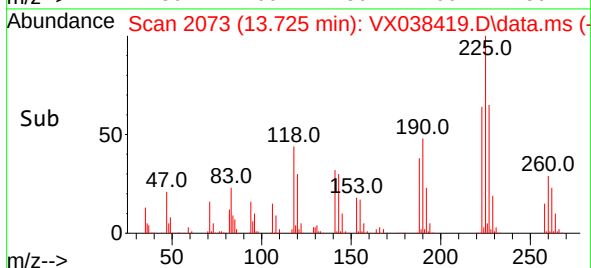
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

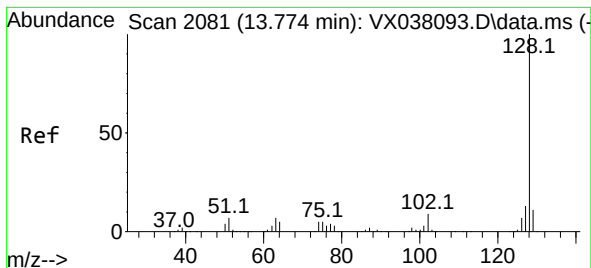


#94
Hexachlorobutadiene
Concen: 53.972 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038419.D
Acq: 23 Oct 2023 09:56



Tgt Ion:225 Resp: 65664
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 64.1 32.5 97.5





#95

Naphthalene

Concen: 53.186 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 55987

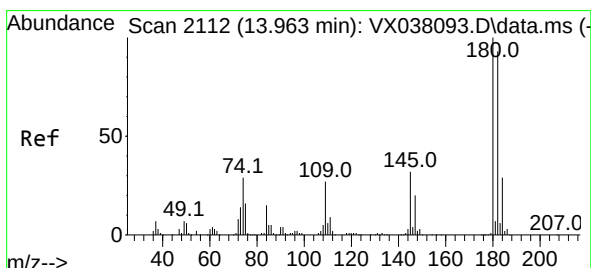
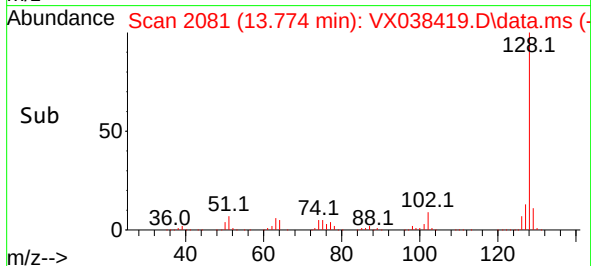
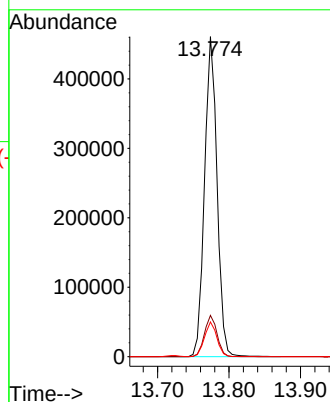
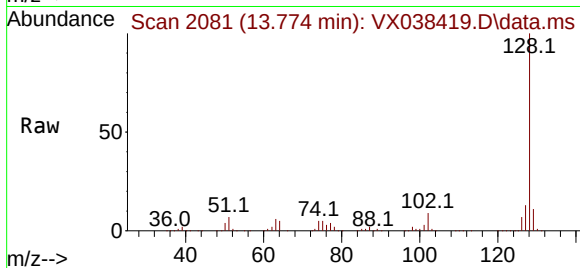
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 54.509 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX038419.D

Acq: 23 Oct 2023 09:56

Tgt Ion:180 Resp: 159541

Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.9	140.6
145	32.6	17.8	53.5

