

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037839.D
 Acq On : 20 Sep 2023 18:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 08:14:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	214142	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	371803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137087	48.725	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.440%		
35) Dibromofluoromethane	5.391	113	116588	46.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.720%		
50) Toluene-d8	8.653	98	407528	44.088	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.180%#		
62) 4-Bromofluorobenzene	11.079	95	160088	47.660	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	92541	41.000	ug/l	100
3) Chloromethane	1.301	50	112687	45.885	ug/l	96
4) Vinyl Chloride	1.374	62	117371	44.300	ug/l	100
5) Bromomethane	1.599	94	116497	61.420	ug/l	99
6) Chloroethane	1.685	64	82431	45.162	ug/l	99
7) Trichlorofluoromethane	1.886	101	187744	44.077	ug/l	98
8) Diethyl Ether	2.136	74	87457	52.997	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	97459	45.085	ug/l	95
10) Methyl Iodide	2.453	142	146096	51.070	ug/l	92
11) Tert butyl alcohol	2.959	59	150524	249.249	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	97209	46.531	ug/l	87
13) Acrolein	2.233	56	176478	295.802	ug/l	99
14) Allyl chloride	2.666	41	170457	48.989	ug/l	# 94
15) Acrylonitrile	3.062	53	359963	268.086	ug/l	99
16) Acetone	2.380	43	286080	211.368	ug/l	90
17) Carbon Disulfide	2.514	76	231302	44.159	ug/l	98
18) Methyl Acetate	2.703	43	263688	54.007	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	421694	54.871	ug/l	99
20) Methylene Chloride	2.788	84	136963	54.738	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	115580	49.823	ug/l	90
22) Diisopropyl ether	3.763	45	384694	53.078	ug/l	# 85
23) Vinyl Acetate	3.721	43	1463457	274.513	ug/l	96
24) 1,1-Dichloroethane	3.611	63	219737	50.594	ug/l	99
25) 2-Butanone	4.556	43	466775	244.390	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	143378	40.856	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	148599	52.250	ug/l	87
28) Bromochloromethane	4.904	49	105924	52.278	ug/l	# 80
29) Tetrahydrofuran	5.001	42	308777	259.906	ug/l	89
30) Chloroform	5.099	83	243600	52.066	ug/l	98
31) Cyclohexane	5.470	56	157597	43.642	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	192272	48.535	ug/l	97
36) 1,1-Dichloropropene	5.696	75	152357	44.458	ug/l	97
37) Ethyl Acetate	4.715	43	187237	49.698	ug/l	96
38) Carbon Tetrachloride	5.678	117	159577	44.504	ug/l	99
39) Methylcyclohexane	7.385	83	181221	41.665	ug/l	93
40) Benzene	6.044	78	503327	47.761	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037839.D
 Acq On : 20 Sep 2023 18:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 08:14:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	102429	53.320	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	191735	50.338	ug/l	96
43) Isopropyl Acetate	6.342	43	309805	51.426	ug/l #	95
44) Trichloroethene	7.129	130	130430	44.442	ug/l	98
45) 1,2-Dichloropropane	7.434	63	136802	49.986	ug/l	97
46) Dibromomethane	7.580	93	103808	52.730	ug/l	92
47) Bromodichloromethane	7.824	83	189882	52.370	ug/l	95
48) Methyl methacrylate	7.696	41	146809	50.978	ug/l #	86
49) 1,4-Dioxane	7.659	88	71119	941.982	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	977571	255.765	ug/l	95
52) Toluene	8.720	92	320878	47.245	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	204789	54.018	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	217047	51.730	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	149396	52.172	ug/l	95
56) Ethyl methacrylate	9.116	69	227212	53.150	ug/l	91
57) 1,3-Dichloropropane	9.311	76	239792	51.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	513725	257.356	ug/l	99
59) 2-Hexanone	9.433	43	745436	250.488	ug/l	93
60) Dibromochloromethane	9.525	129	157893	55.350	ug/l	98
61) 1,2-Dibromoethane	9.610	107	162244	53.514	ug/l	100
64) Tetrachloroethene	9.275	164	110639	45.143	ug/l	97
65) Chlorobenzene	10.079	112	365214	47.115	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	141001	51.329	ug/l	99
67) Ethyl Benzene	10.195	91	619139	46.069	ug/l	99
68) m/p-Xylenes	10.305	106	486051	93.595	ug/l	97
69) o-Xylene	10.640	106	242896	46.643	ug/l	98
70) Styrene	10.659	104	417545	49.944	ug/l	96
71) Bromoform	10.799	173	119567	55.098	ug/l #	99
73) Isopropylbenzene	10.963	105	617523	42.111	ug/l	99
74) N-amyl acetate	10.841	43	291840	49.140	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	244963	47.498	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	219184m	47.411	ug/l	
77) Bromobenzene	11.201	156	168440	46.407	ug/l	88
78) n-propylbenzene	11.305	91	731499	44.169	ug/l	99
79) 2-Chlorotoluene	11.366	91	439665	43.056	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	539594	43.572	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	69414	48.098	ug/l	88
82) 4-Chlorotoluene	11.457	91	522260	45.429	ug/l	95
83) tert-Butylbenzene	11.713	119	547088	43.710	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	550152	44.650	ug/l	98
85) sec-Butylbenzene	11.890	105	665116	43.802	ug/l	99
86) p-Isopropyltoluene	12.012	119	565829	44.726	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	317935	46.991	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	324958	46.936	ug/l	97
89) n-Butylbenzene	12.335	91	519765	46.899	ug/l	97
90) Hexachloroethane	12.536	117	94346	44.015	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	323048	46.765	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52460	51.029	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	216880	53.299	ug/l	96
94) Hexachlorobutadiene	13.725	225	88121	46.374	ug/l	99
95) Naphthalene	13.774	128	718834	52.235	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	211907	50.605	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
Data File : VX037839.D
Acq On : 20 Sep 2023 18:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 08:14:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

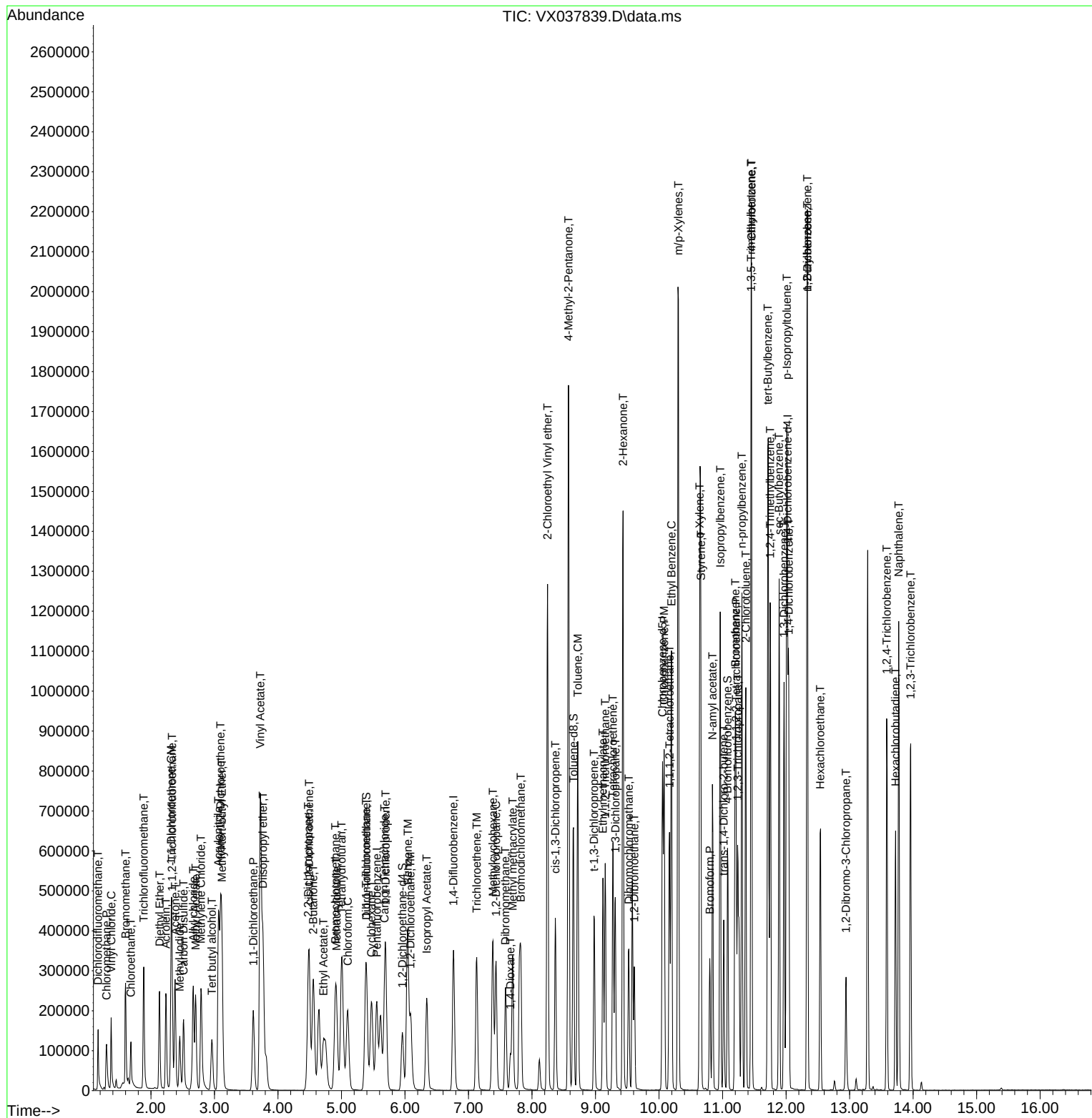
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
Data File : VX037839.D
Acq On : 20 Sep 2023 18:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

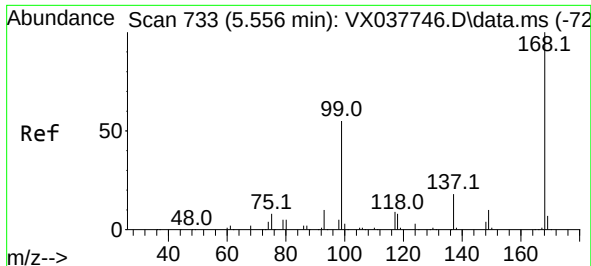
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 21 08:14:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

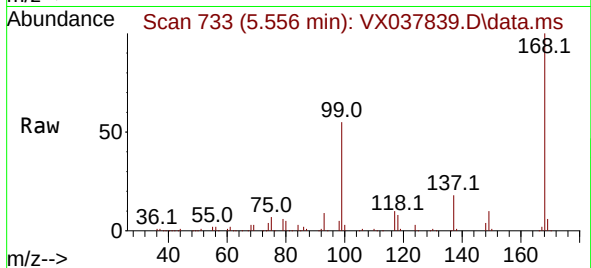
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

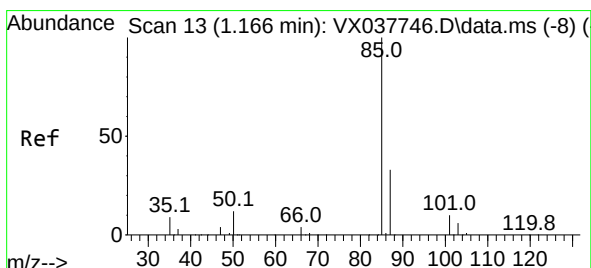
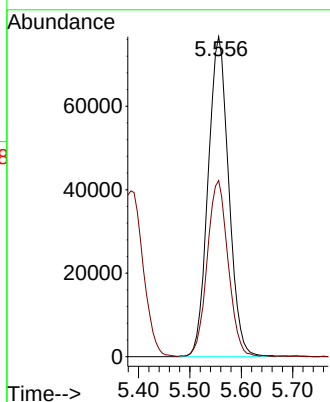
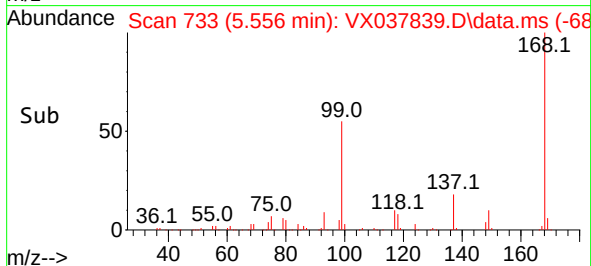
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 21414
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0

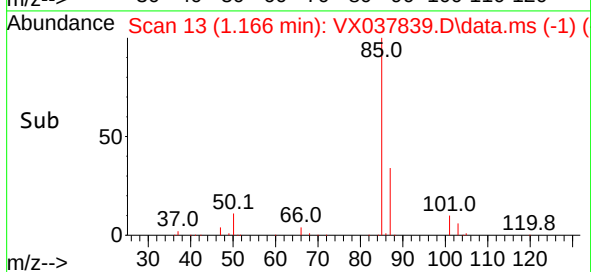
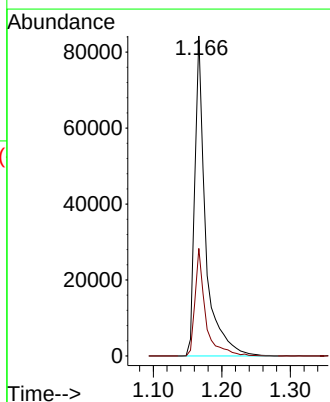
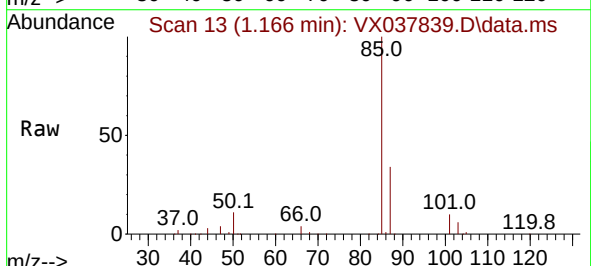
Manual Integrations
APPROVED

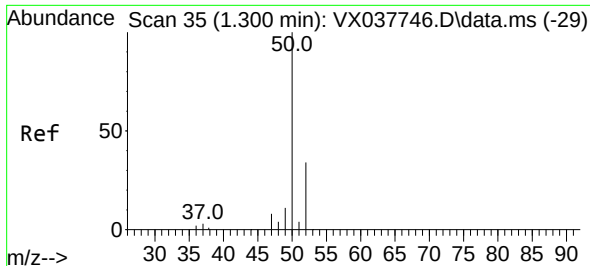
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#2
Dichlorodifluoromethane
Concen: 41.000 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

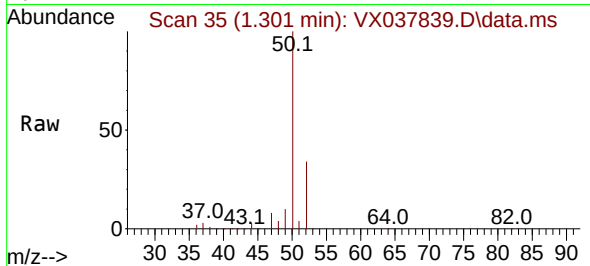
Tgt Ion: 85 Resp: 92541
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1





#3
Chloromethane
Concen: 45.885 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

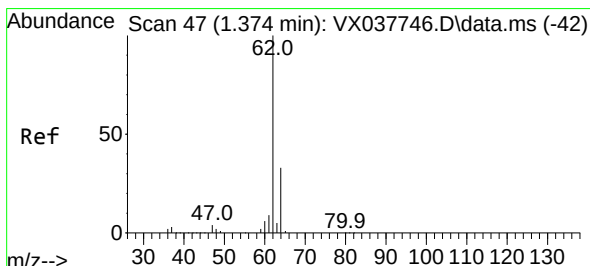
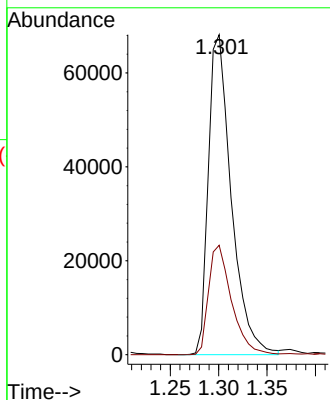
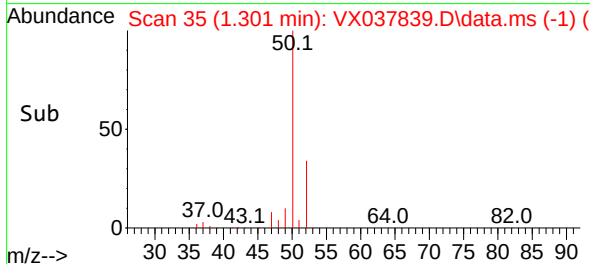
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 11268
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

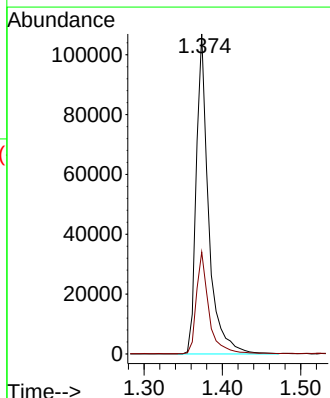
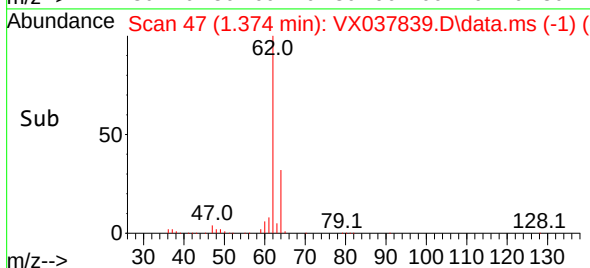
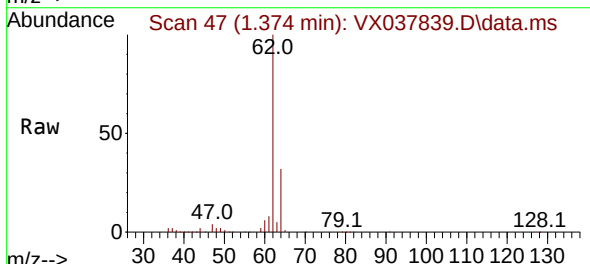
Manual Integrations
APPROVED

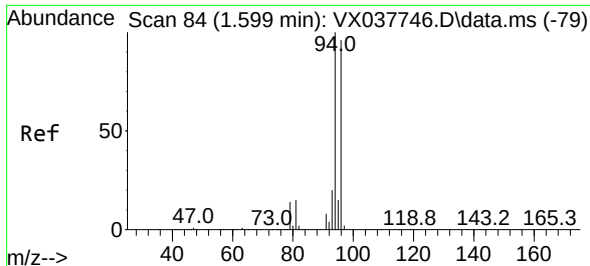
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#4
Vinyl Chloride
Concen: 44.300 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

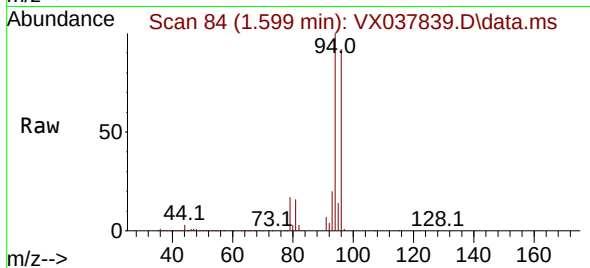
Tgt Ion: 62 Resp: 117371
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 61.420 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

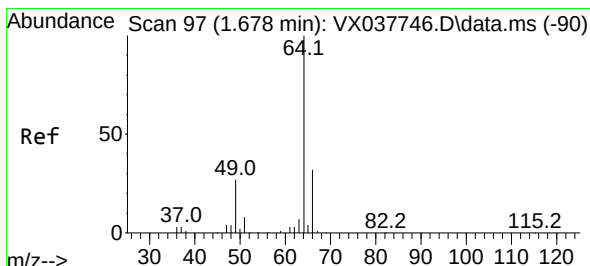
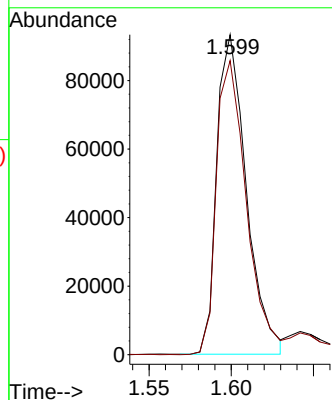
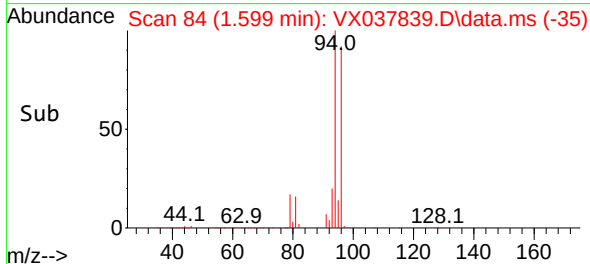
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 11649
Ion Ratio Lower Upper
94 100
96 92.0 74.6 111.8

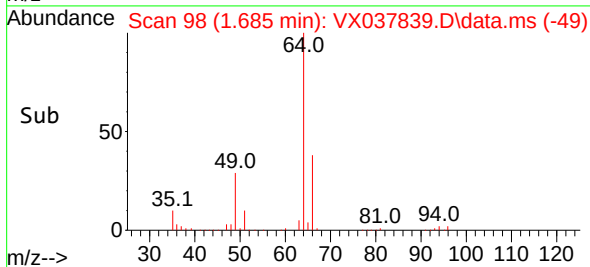
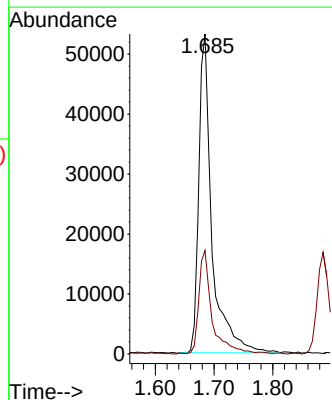
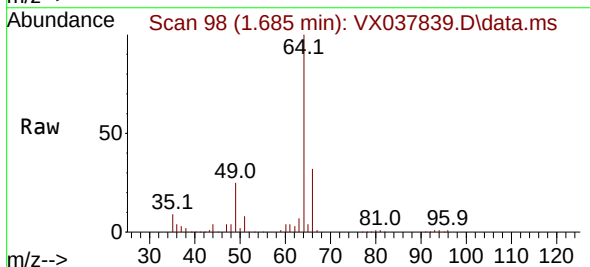
Manual Integrations
APPROVED

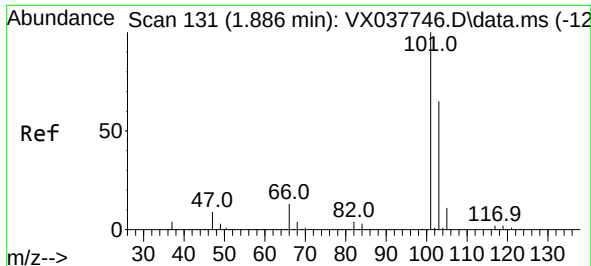
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#6
Chloroethane
Concen: 45.162 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

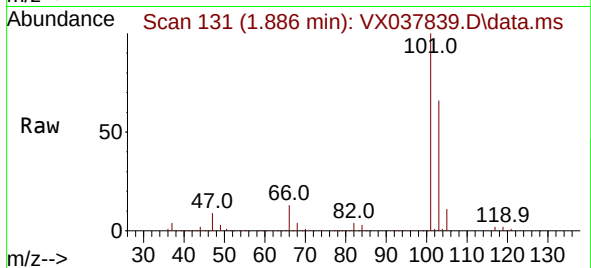
Tgt Ion: 64 Resp: 82431
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 44.077 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037839.D
 Acq: 20 Sep 2023 18:12

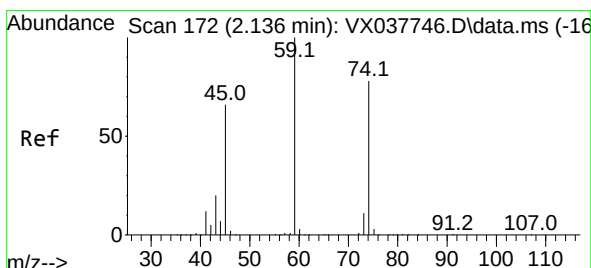
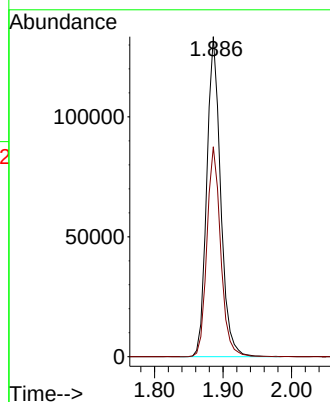
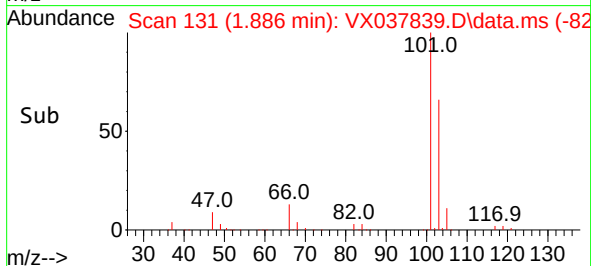
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 187744
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.2

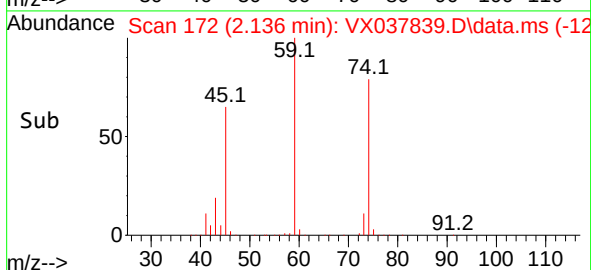
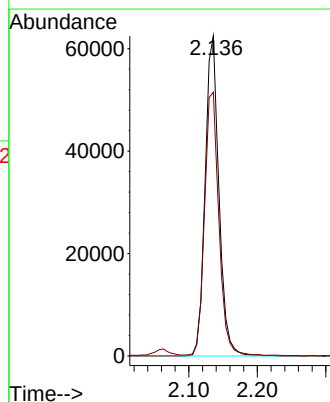
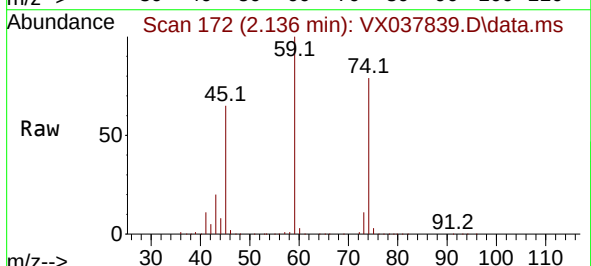
Manual Integrations
 APPROVED

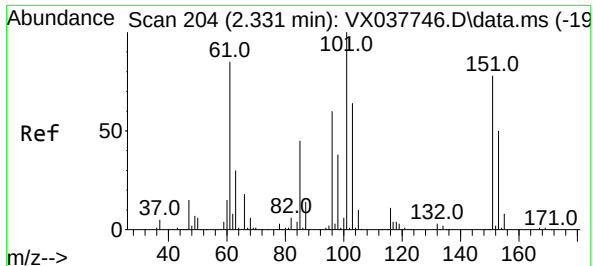
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#8
 Diethyl Ether
 Concen: 52.997 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX037839.D
 Acq: 20 Sep 2023 18:12

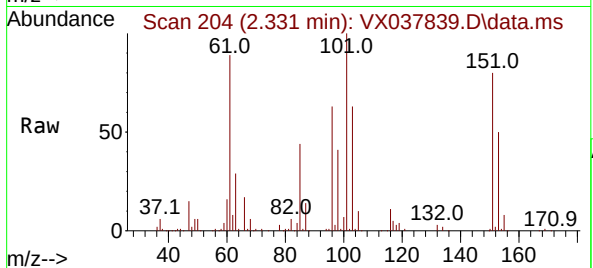
Tgt Ion: 74 Resp: 87457
 Ion Ratio Lower Upper
 74 100
 45 86.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.085 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

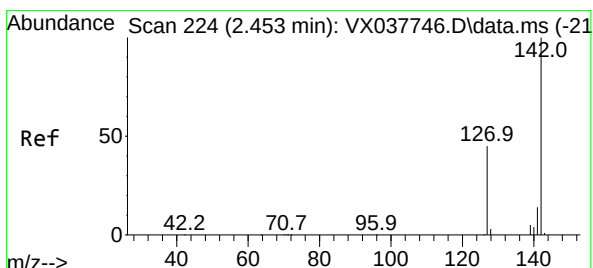
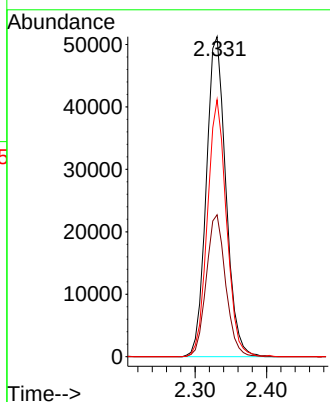
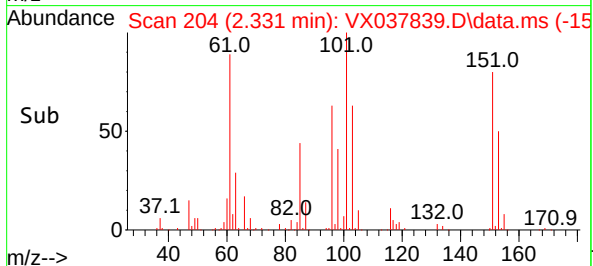
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



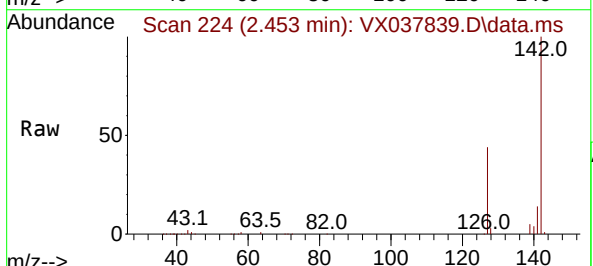
Tgt Ion:101 Resp: 97458
Ion Ratio Lower Upper
101 100
85 43.9 37.0 55.6
151 78.1 58.6 87.8

Manual Integrations
APPROVED

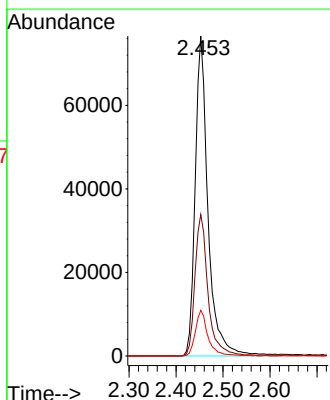
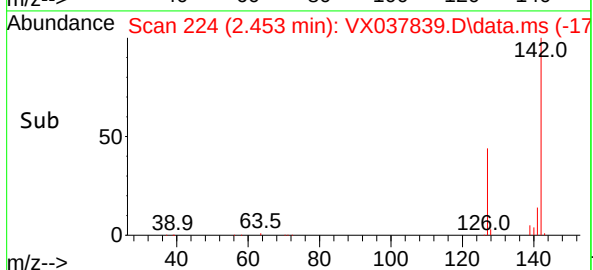
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

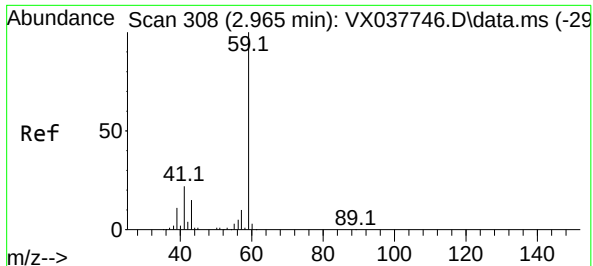


#10
Methyl Iodide
Concen: 51.070 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



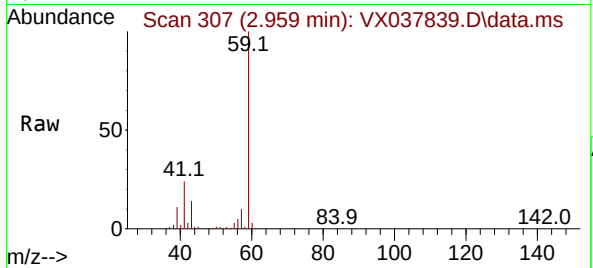
Tgt Ion:142 Resp: 146096
Ion Ratio Lower Upper
142 100
127 45.0 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 249.249 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

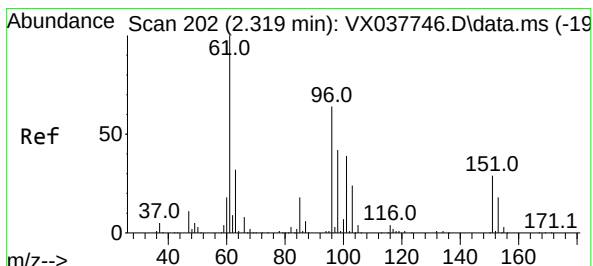
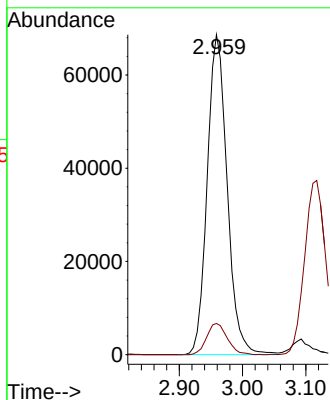
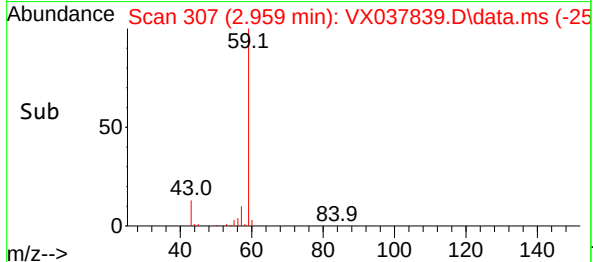
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 150524
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

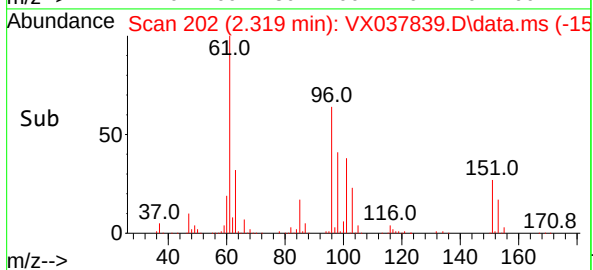
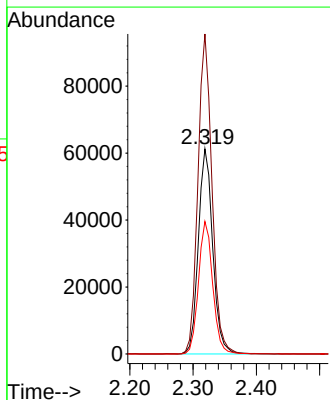
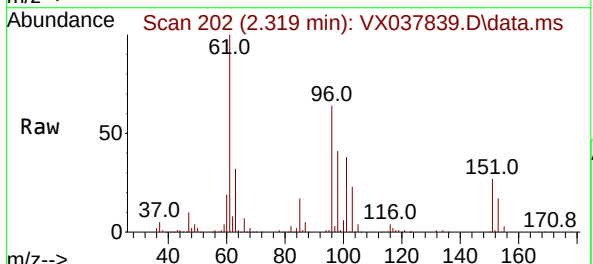
Manual Integrations
APPROVED

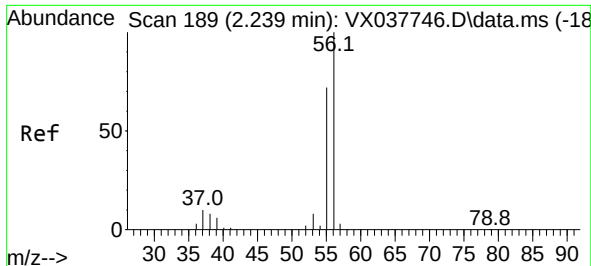
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#12
1,1-Dichloroethene
Concen: 46.531 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

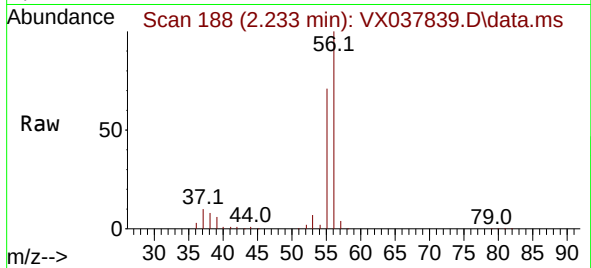
Tgt Ion: 96 Resp: 97209
Ion Ratio Lower Upper
96 100
61 155.9 144.6 216.8
98 64.5 50.4 75.6





#13
Acrolein
Concen: 295.802 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

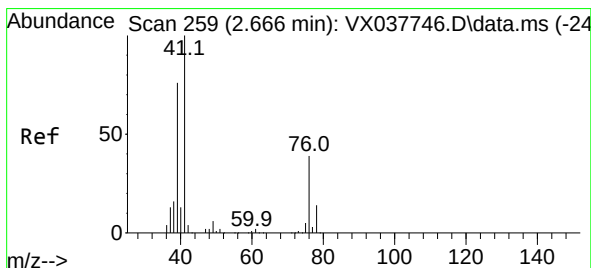
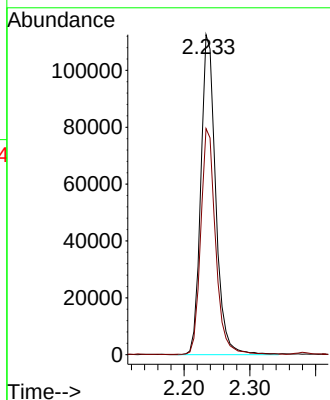
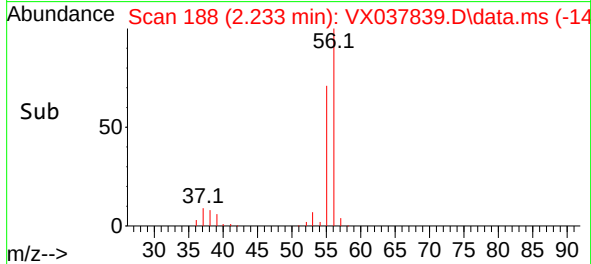
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 176478
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

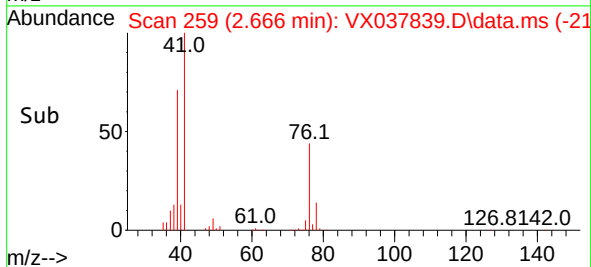
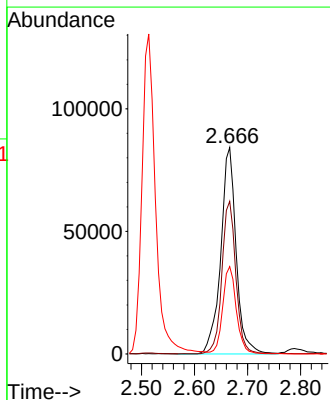
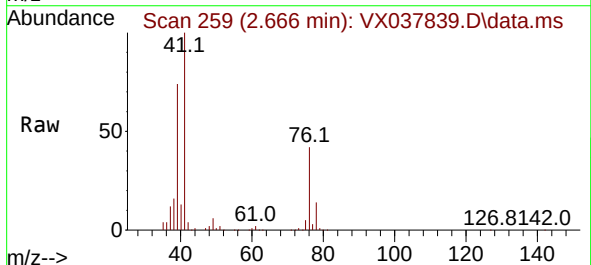
Manual Integrations
APPROVED

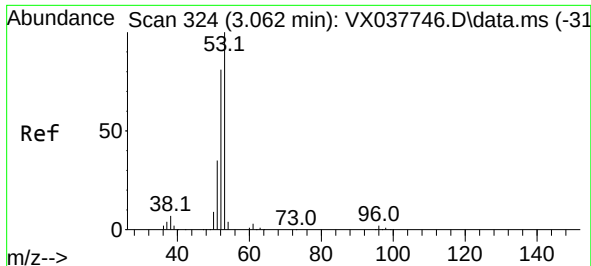
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#14
Allyl chloride
Concen: 48.989 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

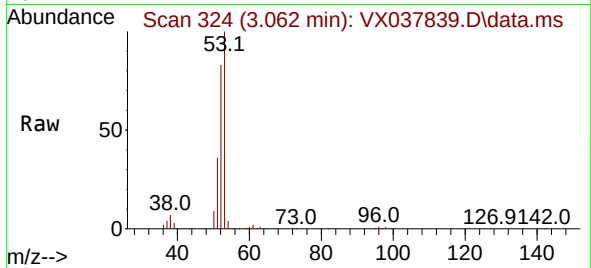
Tgt Ion: 41 Resp: 170457
Ion Ratio Lower Upper
41 100
39 66.9 55.8 83.6
76 37.1 24.3 36.5





#15
Acrylonitrile
Concen: 268.086 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

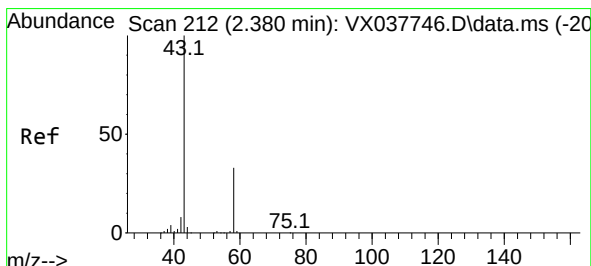
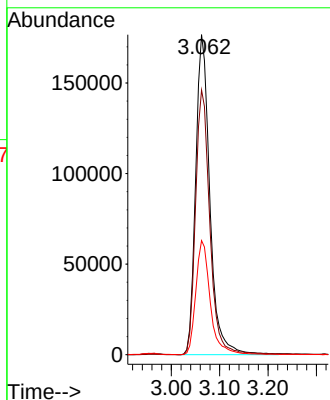
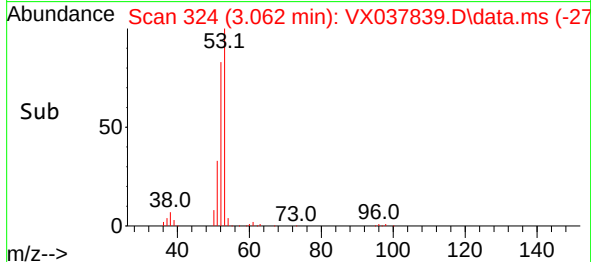
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 35996
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.4 29.8 44.6

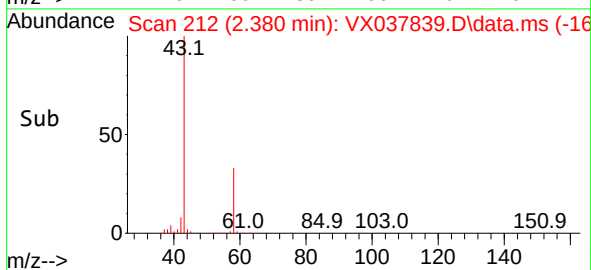
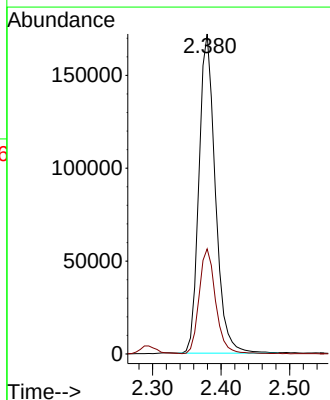
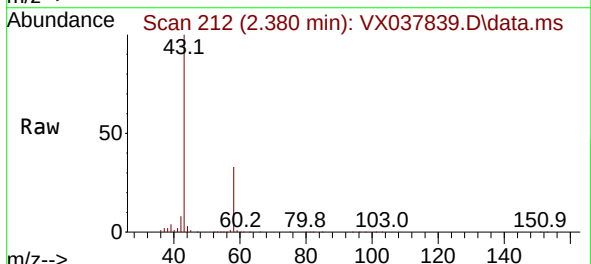
Manual Integrations
APPROVED

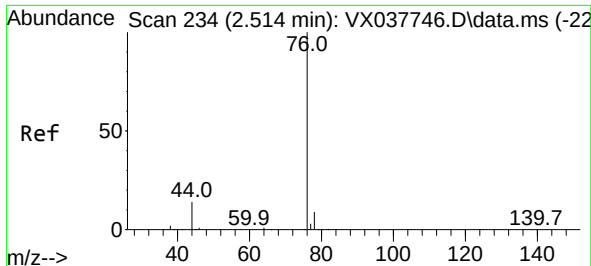
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#16
Acetone
Concen: 211.368 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion: 43 Resp: 286080
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





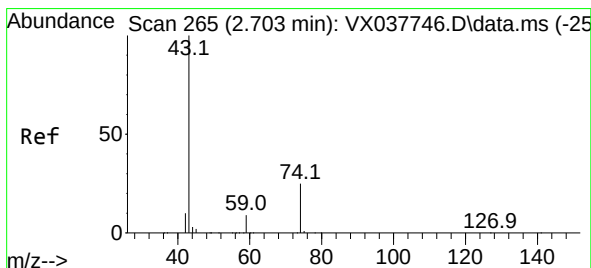
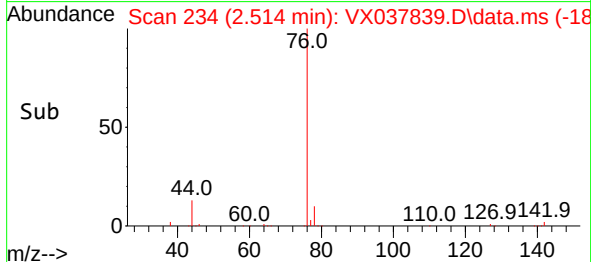
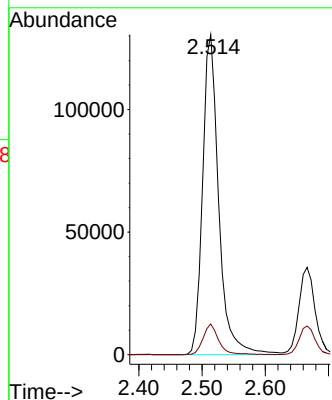
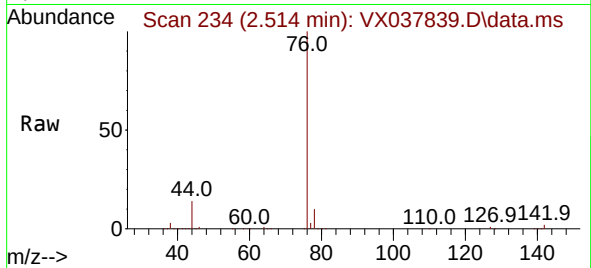
#17
Carbon Disulfide
Concen: 44.159 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 231302
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

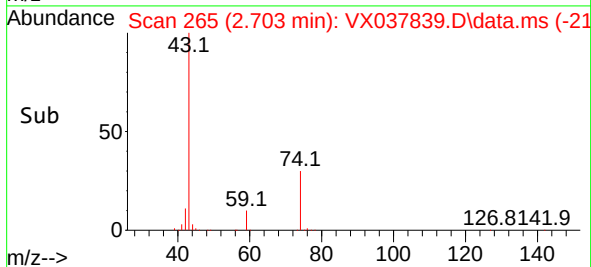
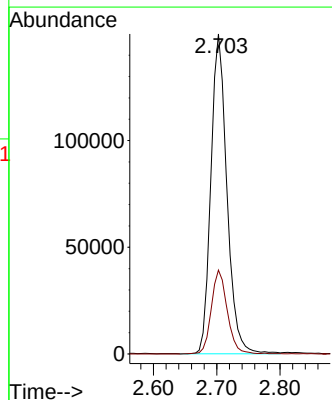
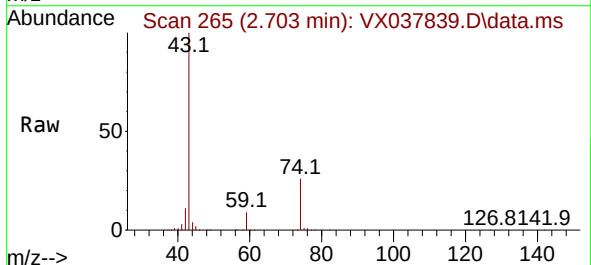
Manual Integrations
APPROVED

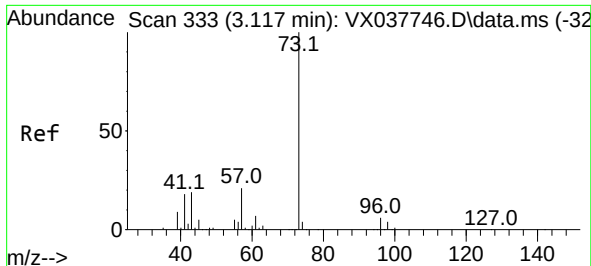
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#18
Methyl Acetate
Concen: 54.007 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion: 43 Resp: 263688
Ion Ratio Lower Upper
43 100
74 26.3 17.8 26.8





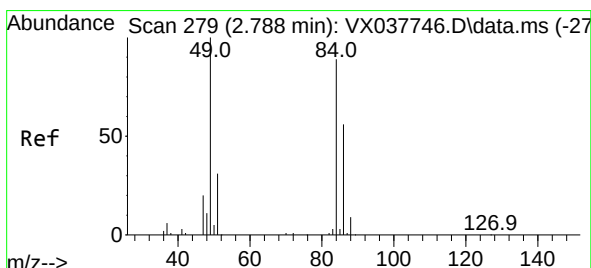
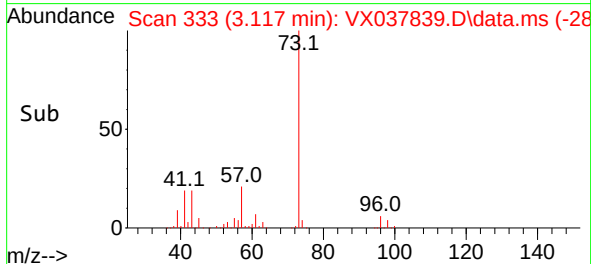
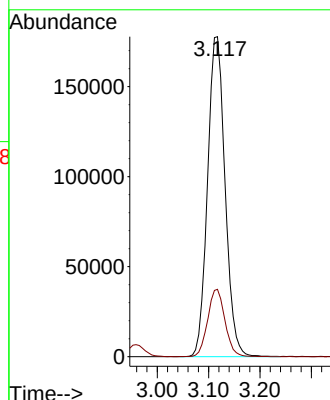
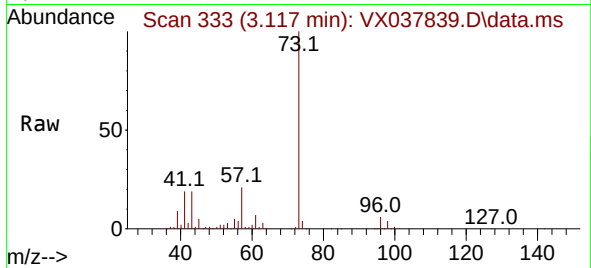
#19
Methyl tert-butyl Ether
Concen: 54.871 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 421694
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

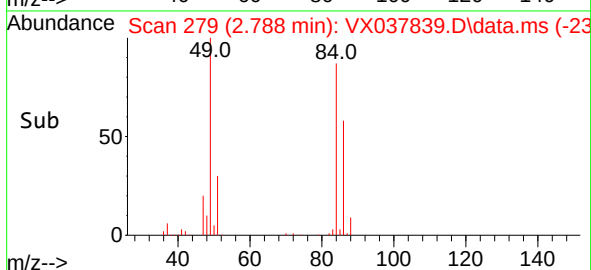
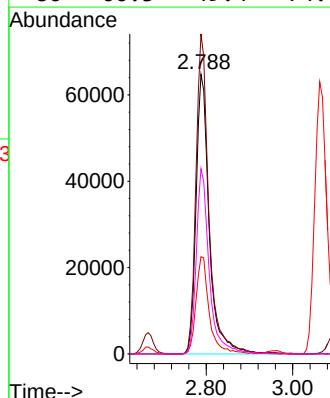
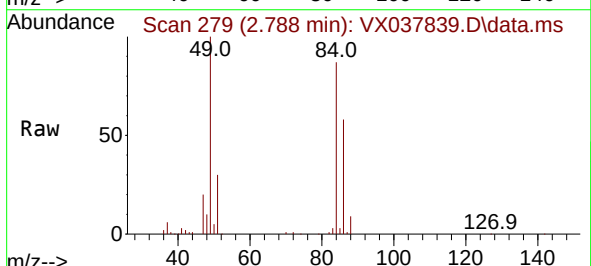
Manual Integrations
APPROVED

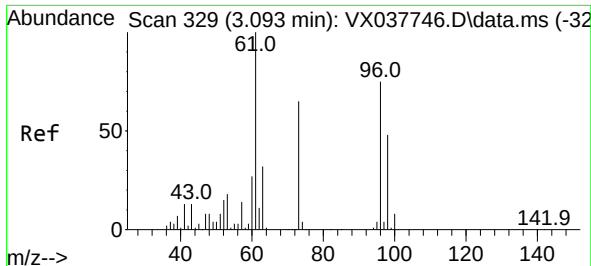
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylene Chloride
Concen: 54.738 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

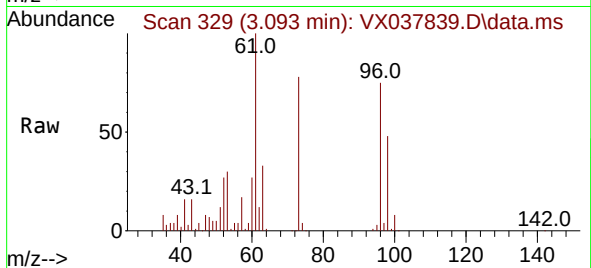
Tgt Ion: 84 Resp: 136963
Ion Ratio Lower Upper
84 100
49 114.4 103.6 155.4
51 34.8 33.8 50.6
86 66.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.823 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

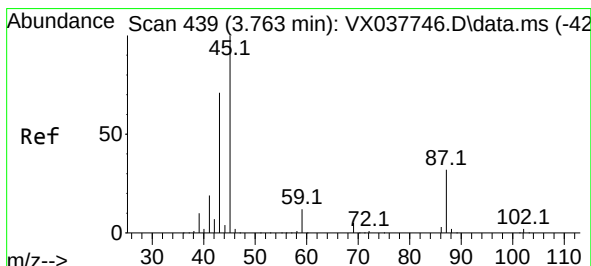
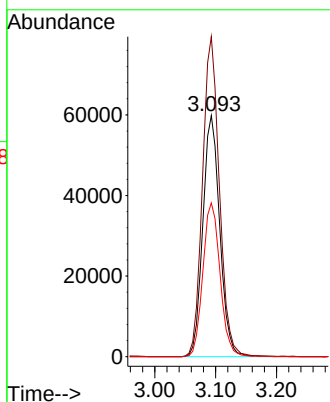
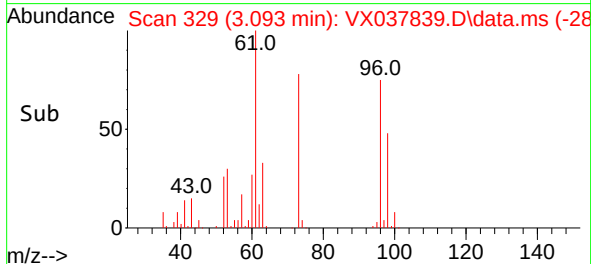
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 115580
Ion Ratio Lower Upper
96 100
61 132.8 119.2 178.8
98 63.8 48.7 73.1

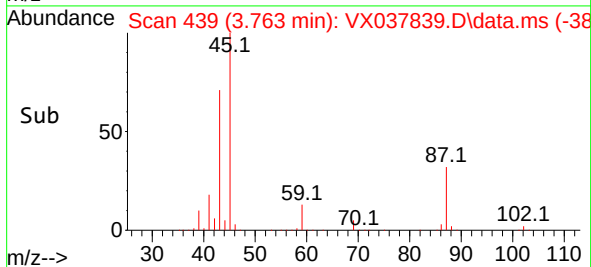
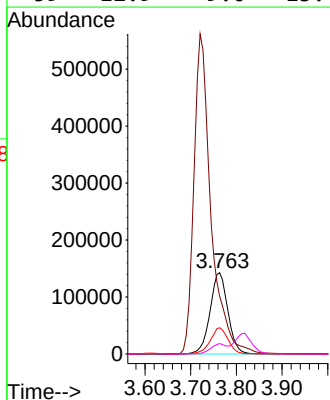
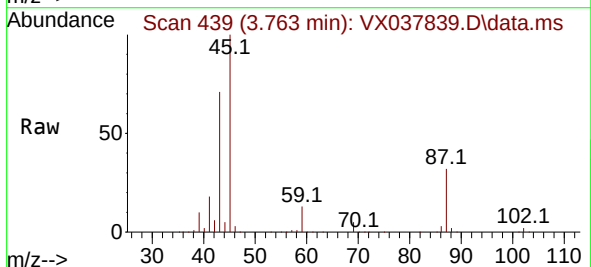
Manual Integrations
APPROVED

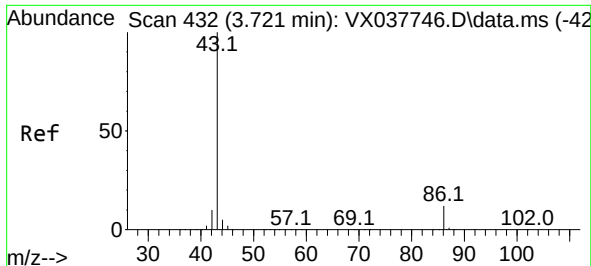
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
Diisopropyl ether
Concen: 53.078 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion: 45 Resp: 384694
Ion Ratio Lower Upper
45 100
43 71.0 69.7 104.5
87 32.3 20.8 31.2#
59 12.9 9.0 13.4





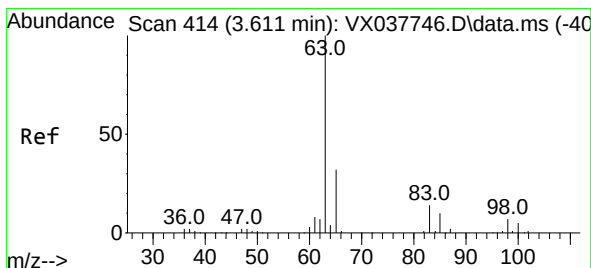
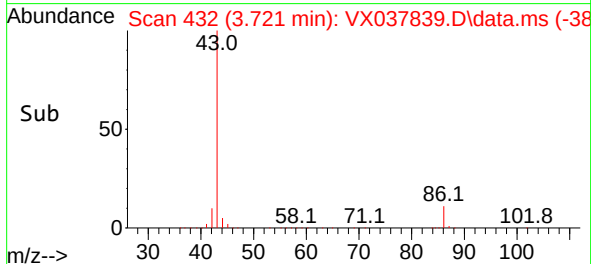
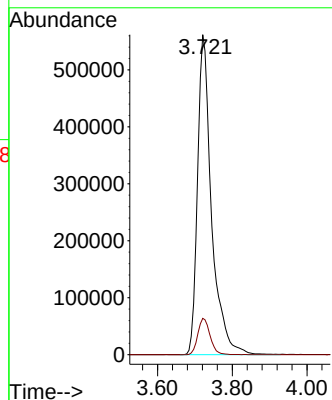
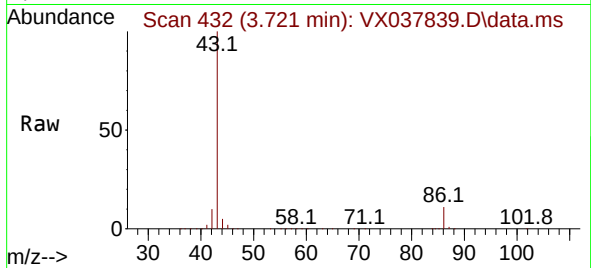
#23
 Vinyl Acetate
 Concen: 274.513 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037839.D
 Acq: 20 Sep 2023 18:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 146345
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

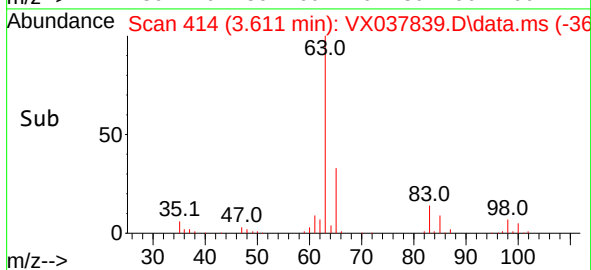
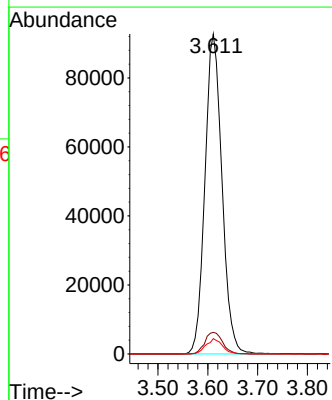
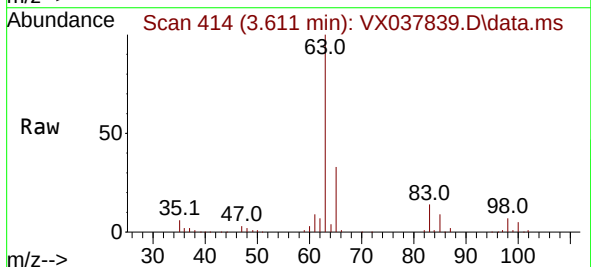
Manual Integrations
 APPROVED

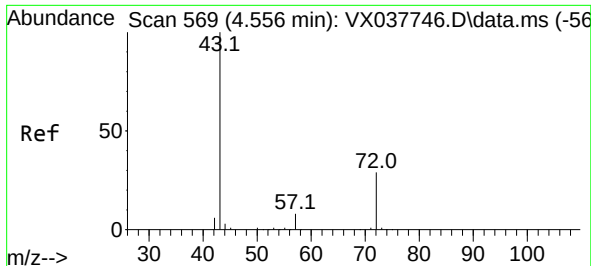
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#24
 1,1-Dichloroethane
 Concen: 50.594 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037839.D
 Acq: 20 Sep 2023 18:12

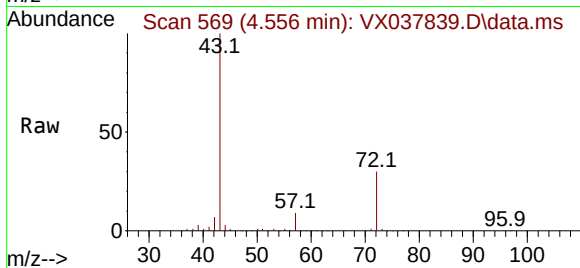
Tgt Ion: 63 Resp: 219737
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 244.390 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

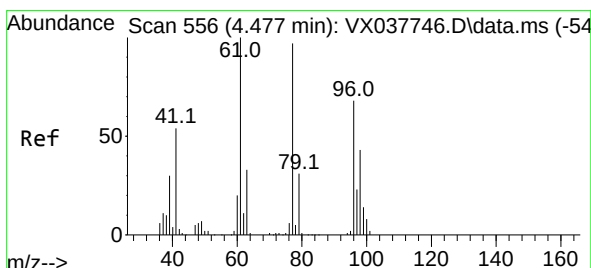
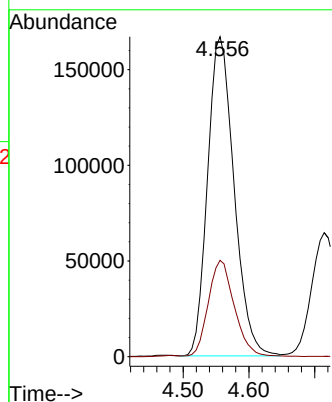
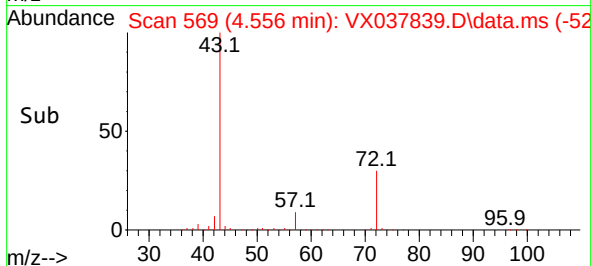
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 466779
Ion Ratio Lower Upper
43 100
72 29.9 19.4 29.2

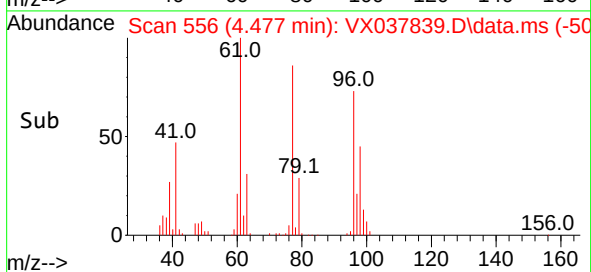
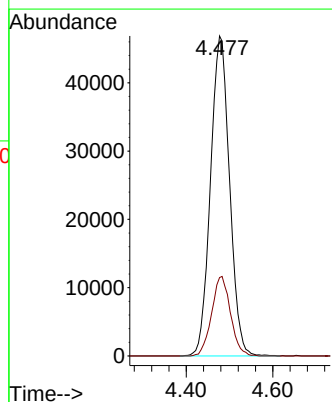
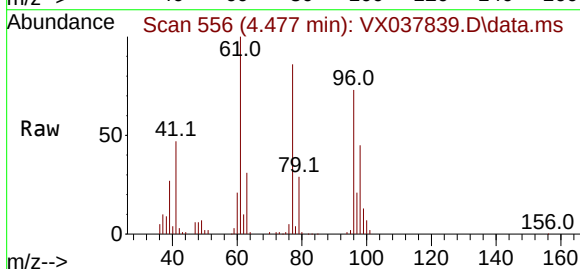
Manual Integrations
APPROVED

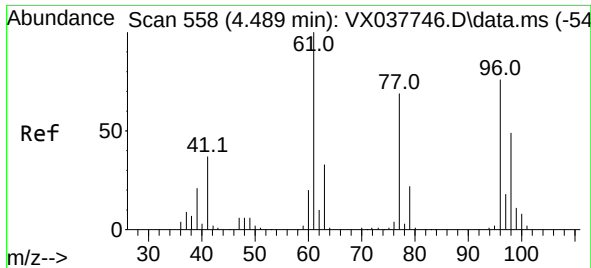
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#26
2,2-Dichloropropane
Concen: 40.856 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

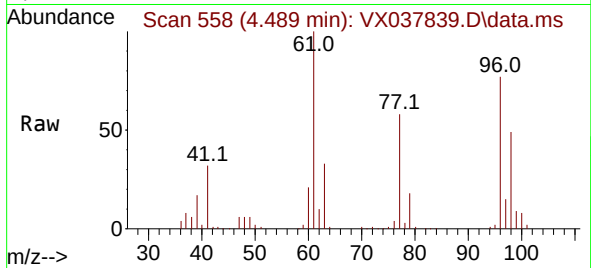
Tgt Ion: 77 Resp: 143378
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 52.250 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

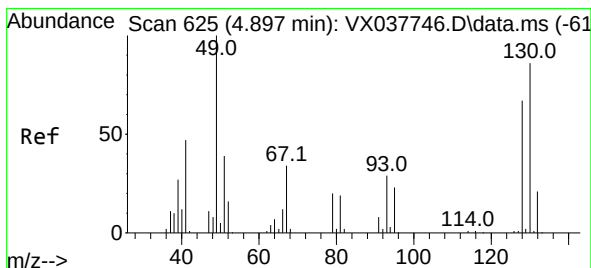
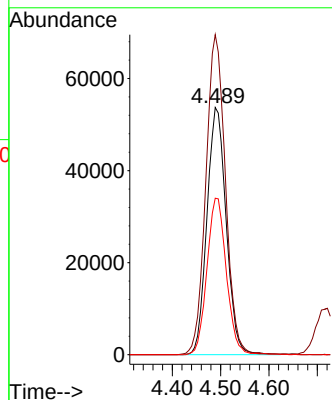
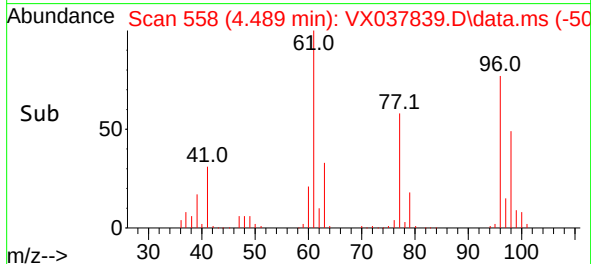
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



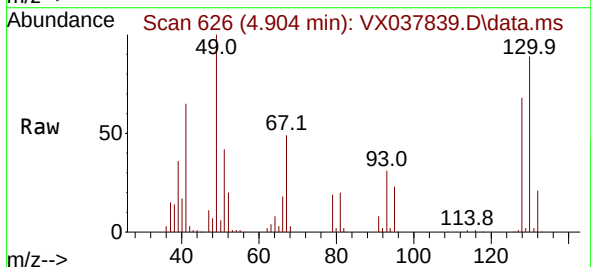
Tgt Ion: 96 Resp: 148599
Ion Ratio Lower Upper
96 100
61 131.8 0.0 312.2
98 63.9 0.0 129.0

Manual Integrations
APPROVED

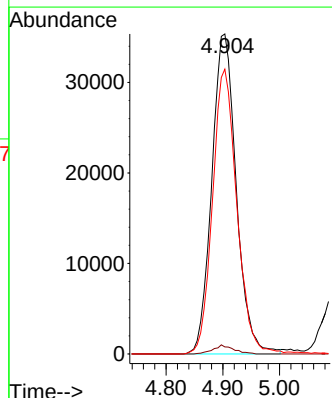
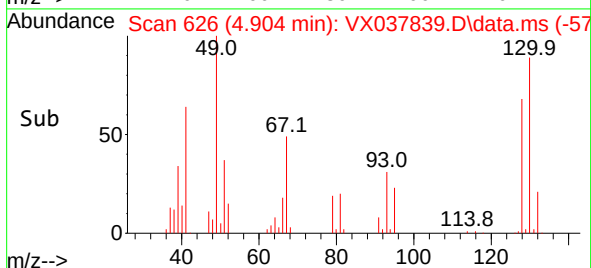
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

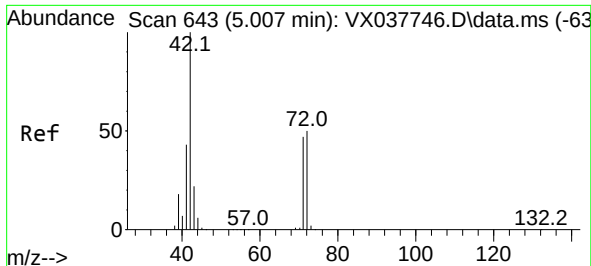


#28
Bromochloromethane
Concen: 52.278 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



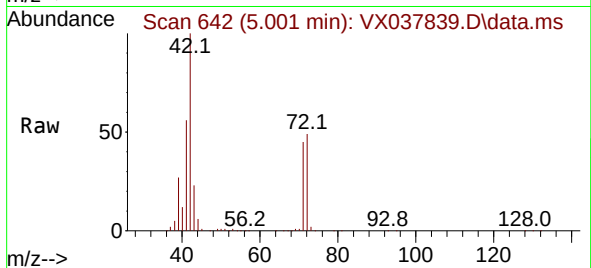
Tgt Ion: 49 Resp: 105924
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 88.6 57.5 86.3#





#29
Tetrahydrofuran
Concen: 259.906 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.012 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

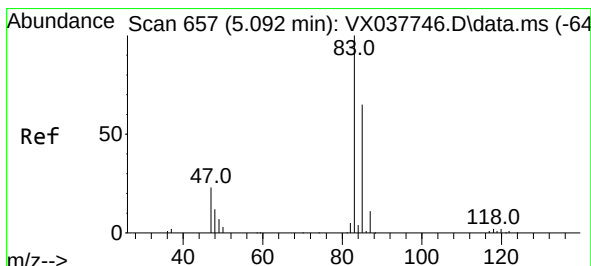
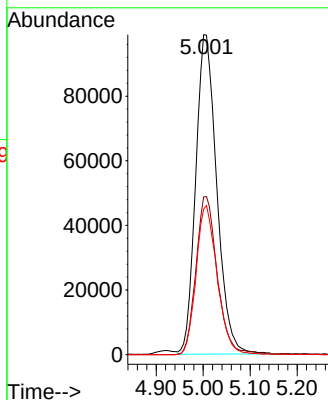
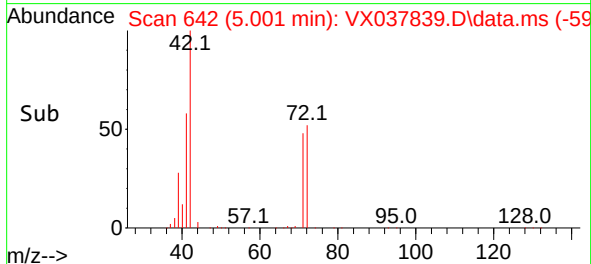
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 30877
Ion Ratio Lower Upper
42 100
72 50.2 34.2 51.4
71 46.6 32.2 48.2

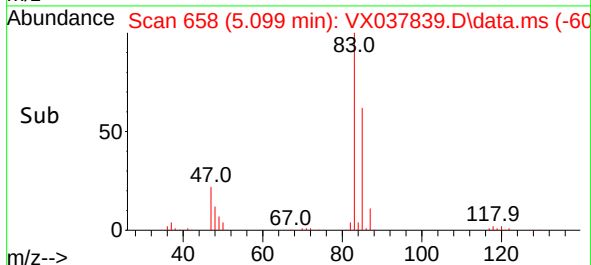
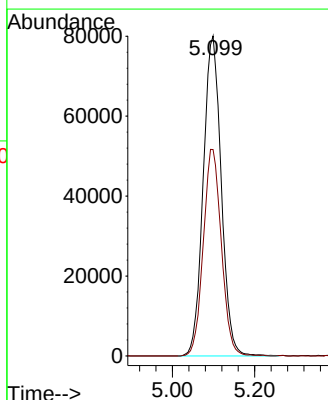
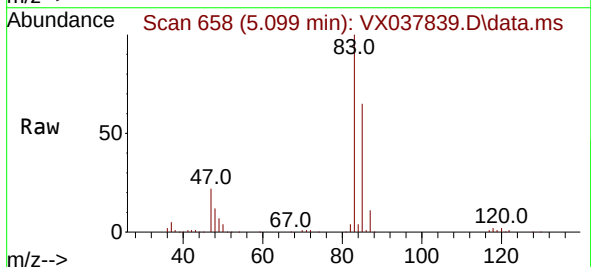
Manual Integrations
APPROVED

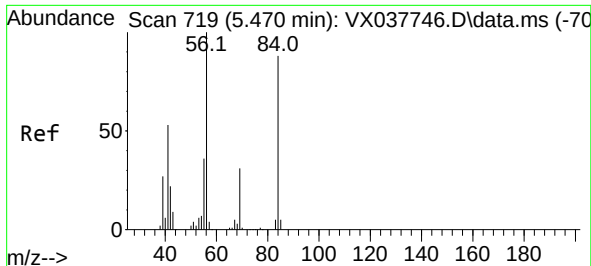
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#30
Chloroform
Concen: 52.066 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

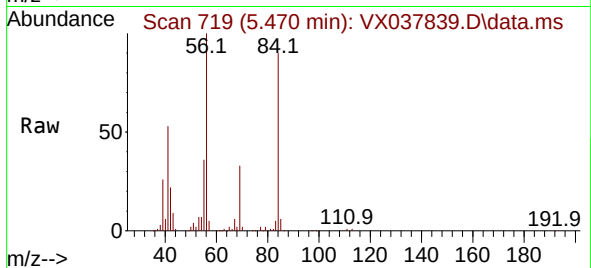
Tgt Ion: 83 Resp: 243600
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 43.642 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

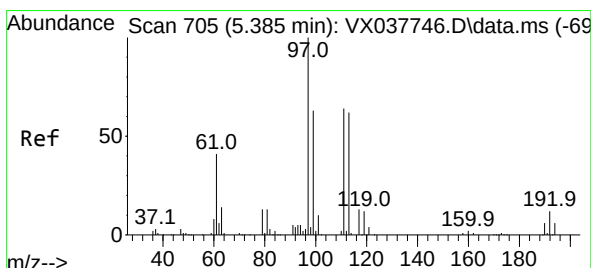
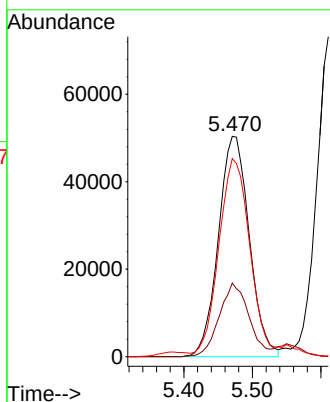
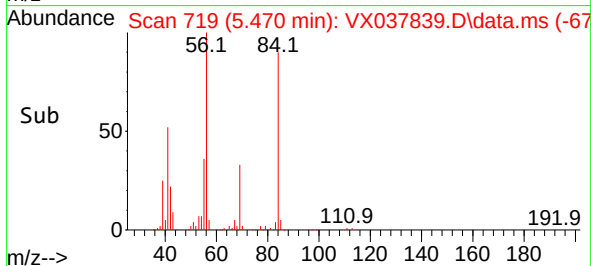
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15759
Ion Ratio Lower Upper
56 100
69 33.4 23.4 35.2
84 88.0 65.9 98.9

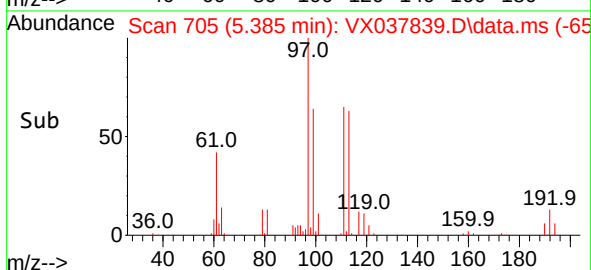
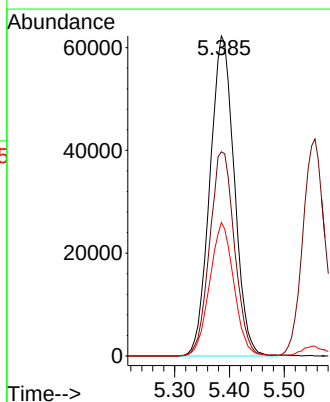
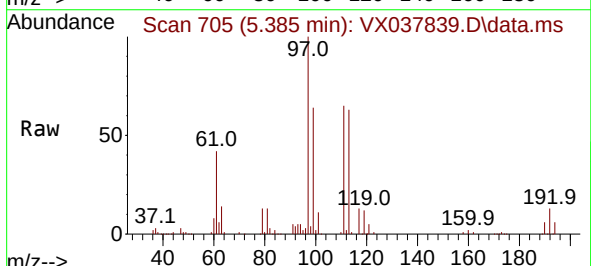
Manual Integrations
APPROVED

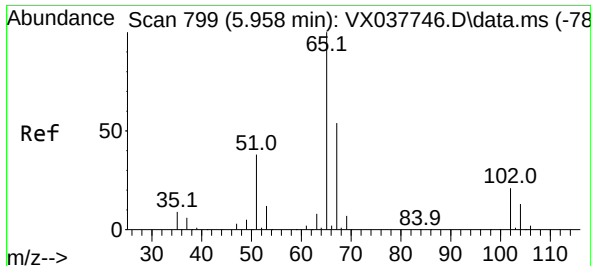
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#32
1,1,1-Trichloroethane
Concen: 48.535 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion: 97 Resp: 192272
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 41.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.725 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13708

Ion Ratio Lower Upper

65 100

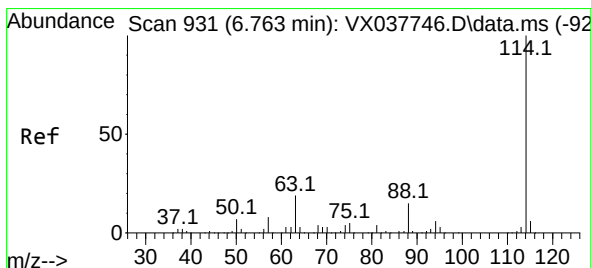
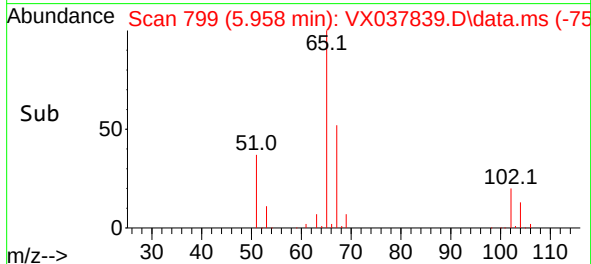
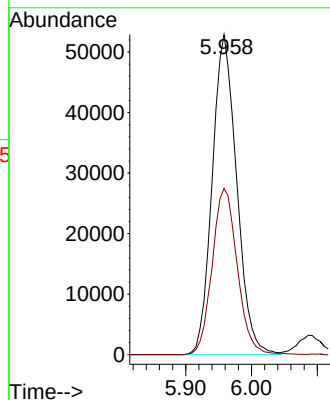
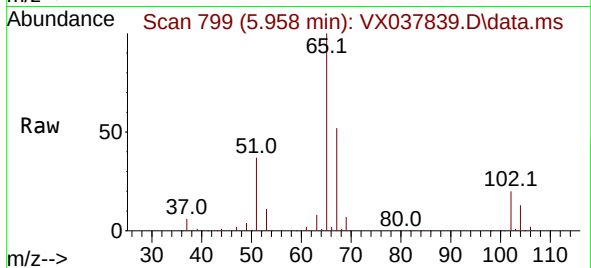
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

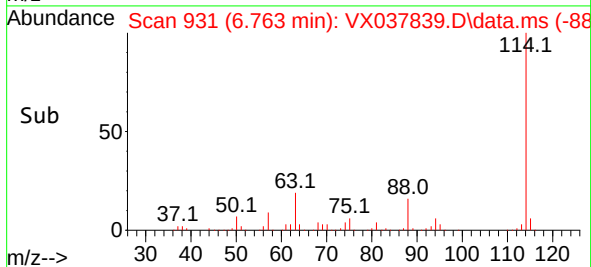
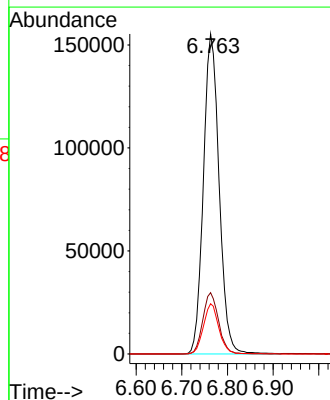
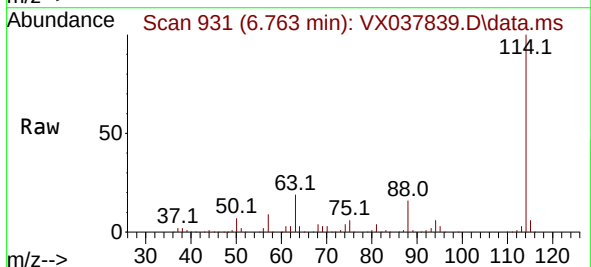
Tgt Ion:114 Resp: 371803

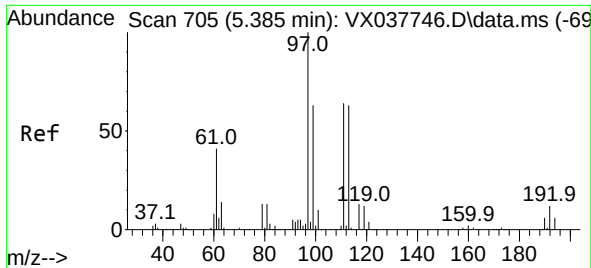
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

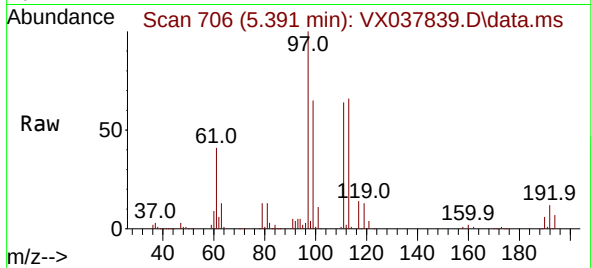
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.865 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

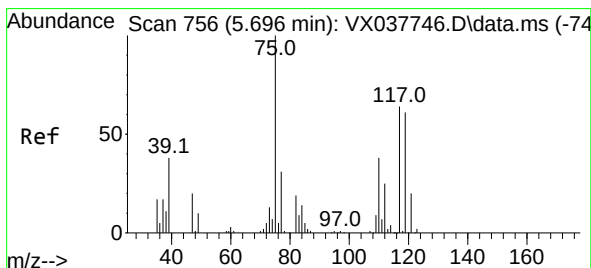
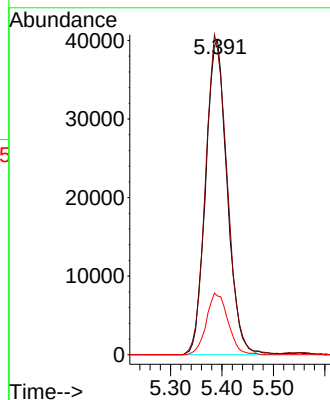
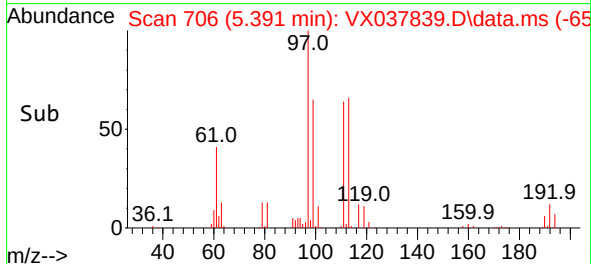
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 116588
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.6 13.3 19.9

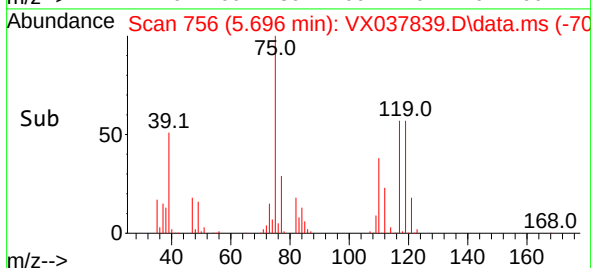
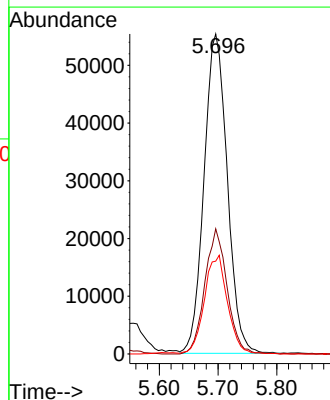
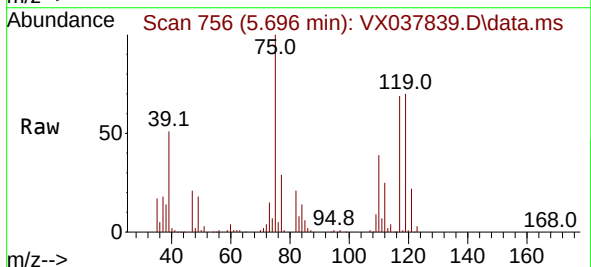
Manual Integrations
APPROVED

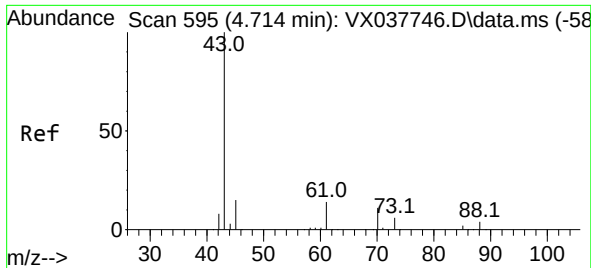
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#36
1,1-Dichloropropene
Concen: 44.458 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion: 75 Resp: 152357
Ion Ratio Lower Upper
75 100
110 37.5 17.0 50.9
77 30.7 24.7 37.1





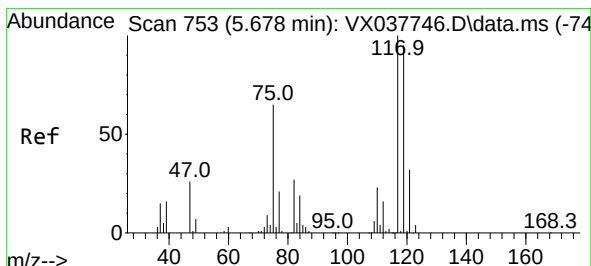
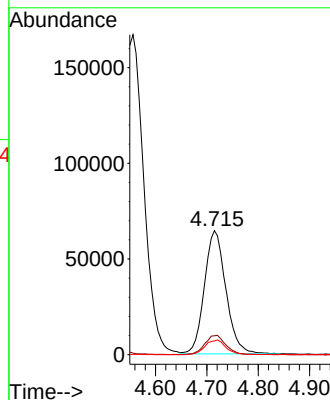
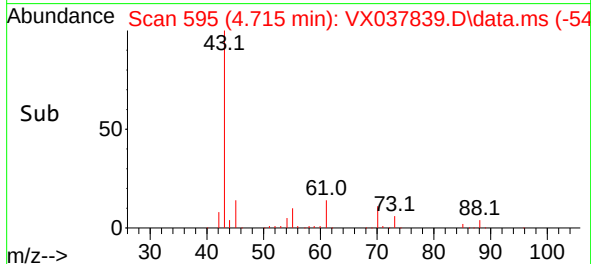
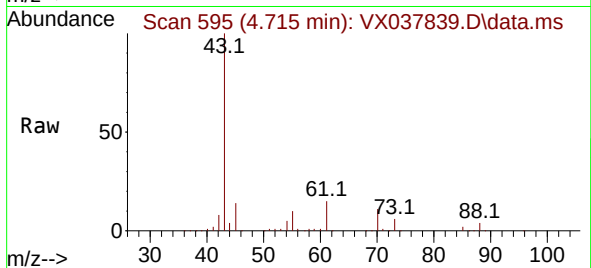
#37
Ethyl Acetate
Concen: 49.698 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 18723
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 11.7 8.3 12.5

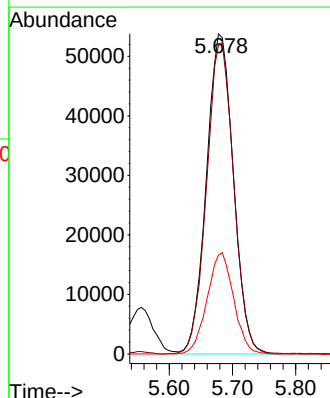
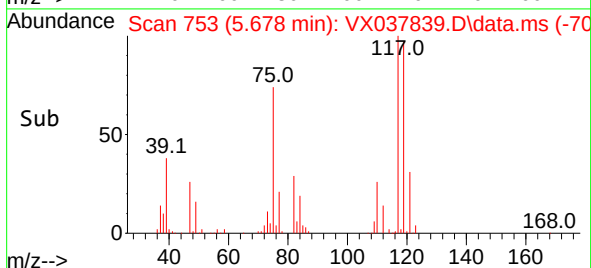
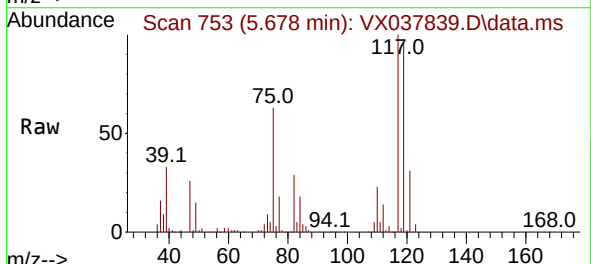
Manual Integrations
APPROVED

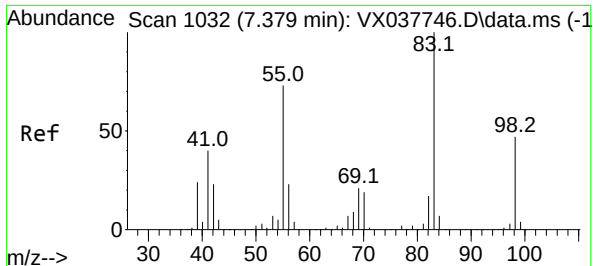
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#38
Carbon Tetrachloride
Concen: 44.504 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion:117 Resp: 159577
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.2
121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 41.665 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 18122

Ion Ratio Lower Upper

83 100

55 70.7 64.6 97.0

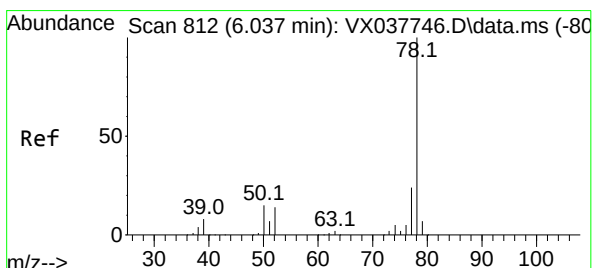
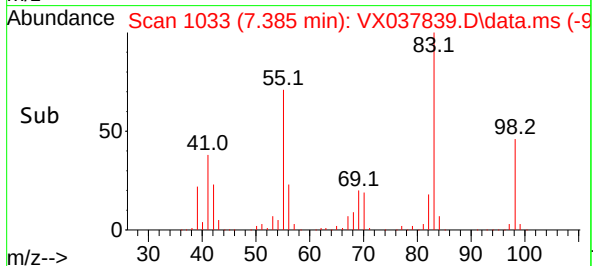
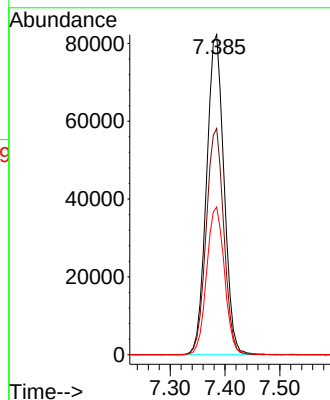
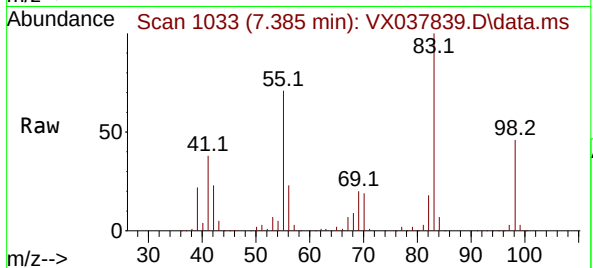
98 46.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Benzene

Concen: 47.761 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX037839.D

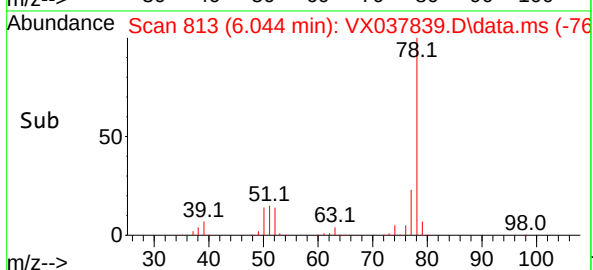
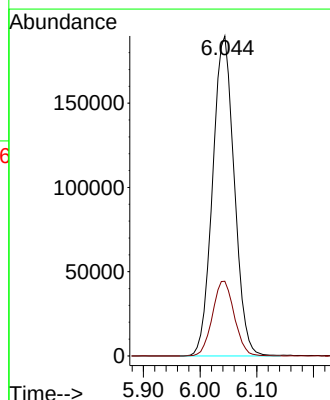
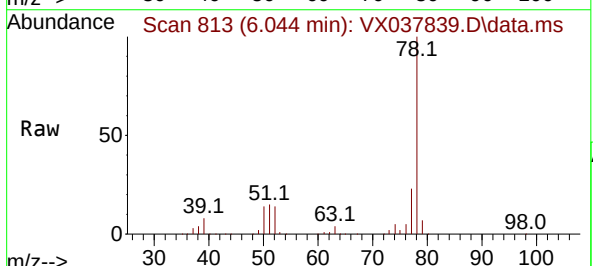
Acq: 20 Sep 2023 18:12

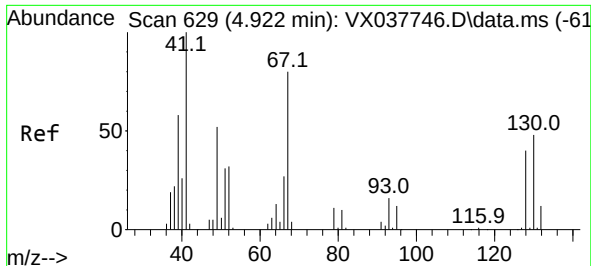
Tgt Ion: 78 Resp: 503327

Ion Ratio Lower Upper

78 100

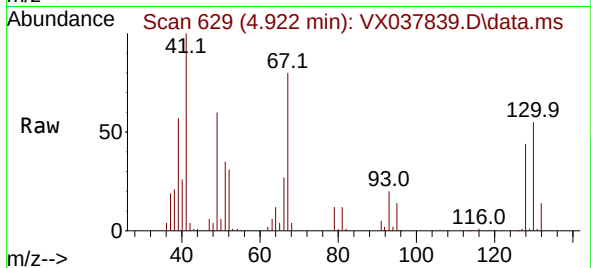
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 53.320 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.025 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

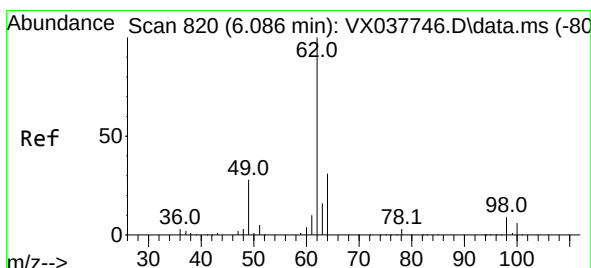
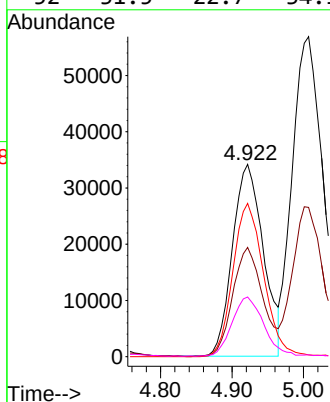
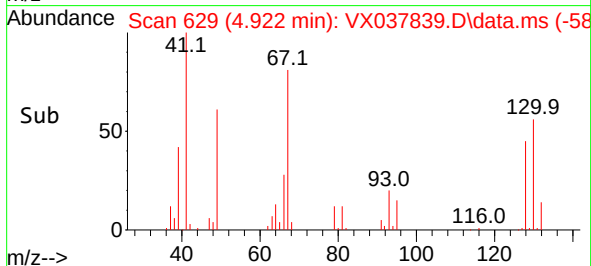
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	102429
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.2	67.8
67	79.9	52.6	78.8
52	31.5	22.7	34.1

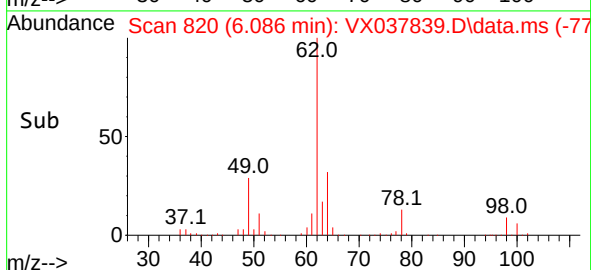
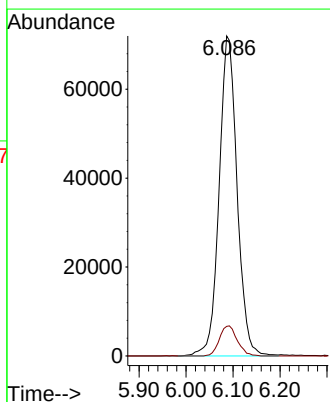
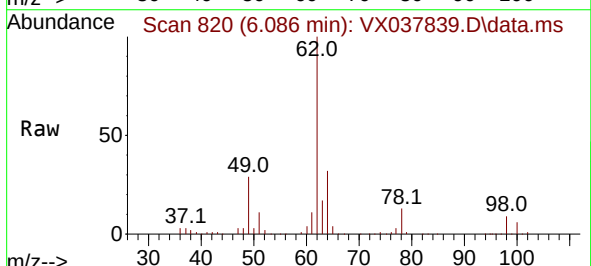
Manual Integrations
APPROVED

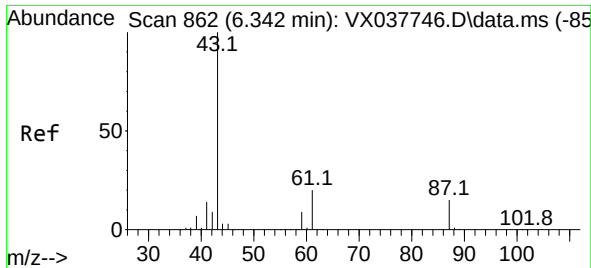
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#42
1,2-Dichloroethane
Concen: 50.338 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

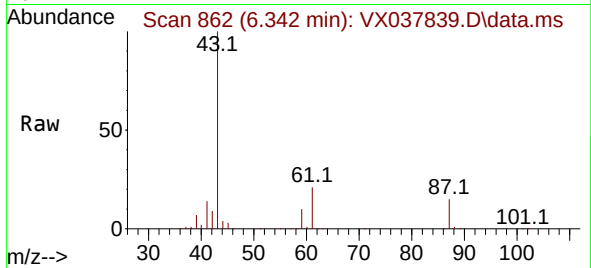
Tgt Ion:	62	Resp:	191735
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.0





#43
Isopropyl Acetate
Concen: 51.426 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

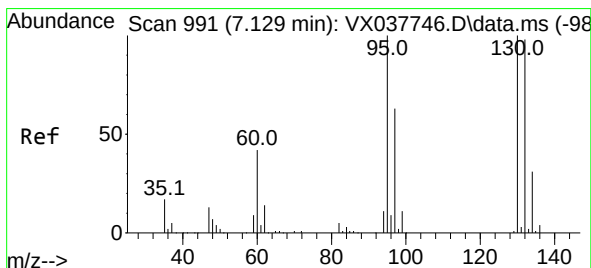
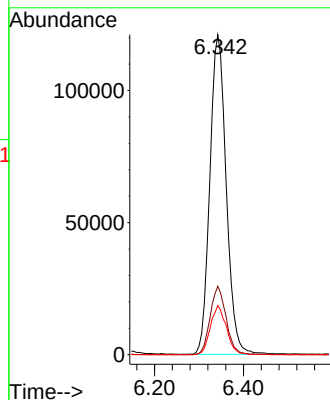
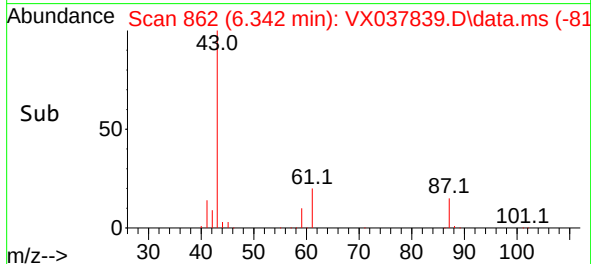
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 30980
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 15.0 9.8 14.6

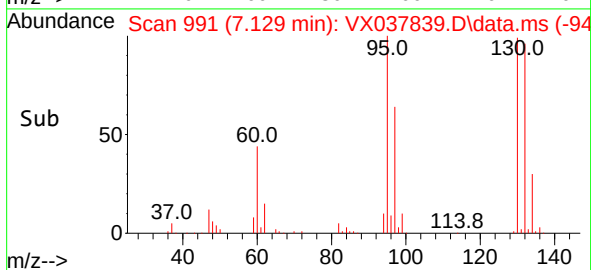
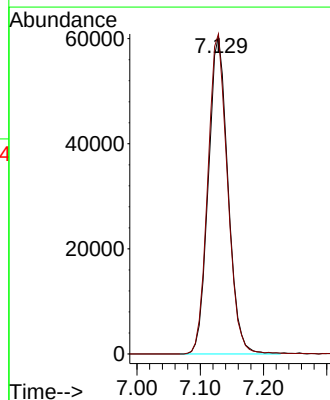
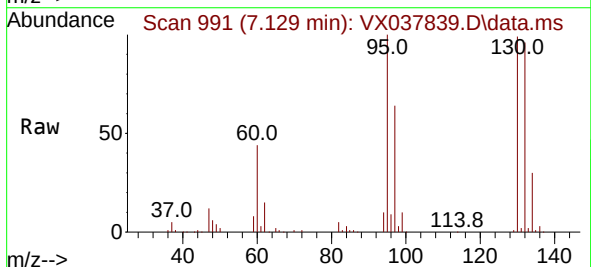
Manual Integrations
APPROVED

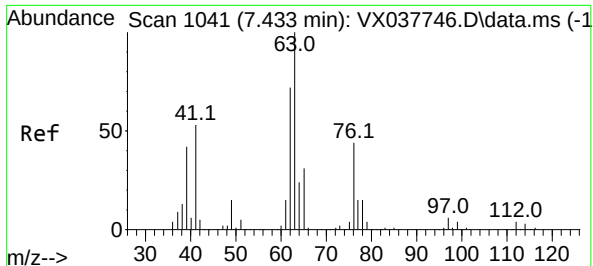
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#44
Trichloroethene
Concen: 44.442 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion:130 Resp: 130430
Ion Ratio Lower Upper
130 100
95 100.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.986 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 136802

Ion Ratio Lower Upper

63 100

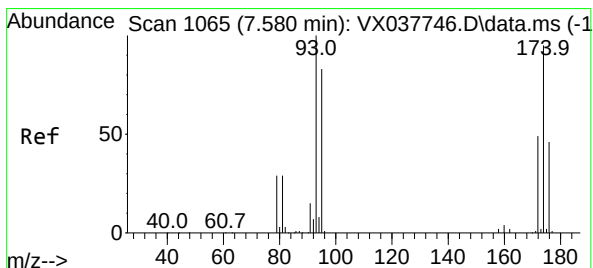
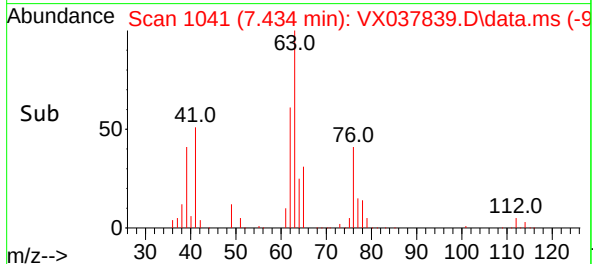
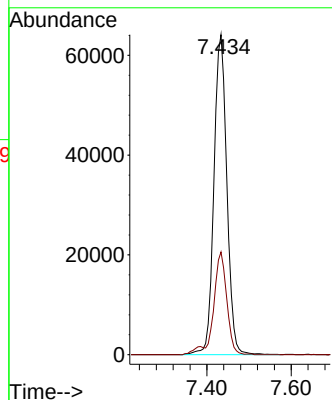
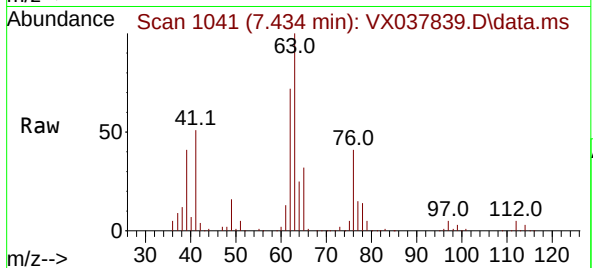
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

Dibromomethane

Concen: 52.730 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

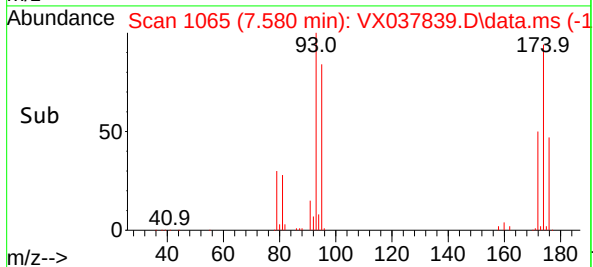
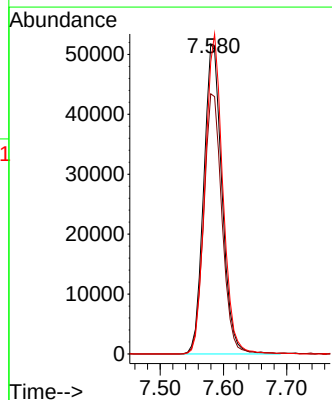
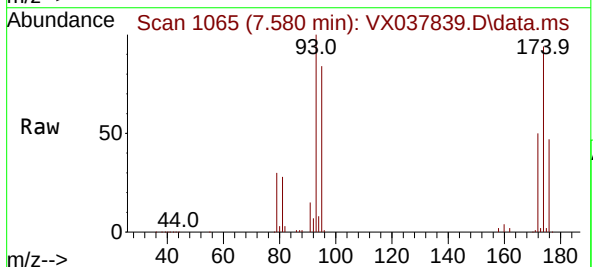
Tgt Ion: 93 Resp: 103808

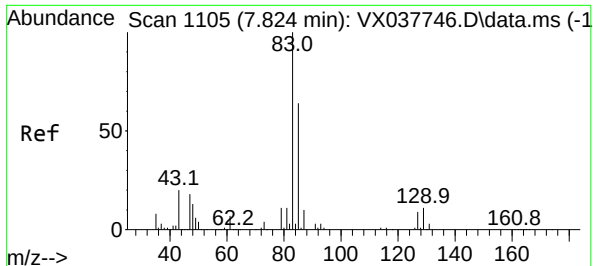
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

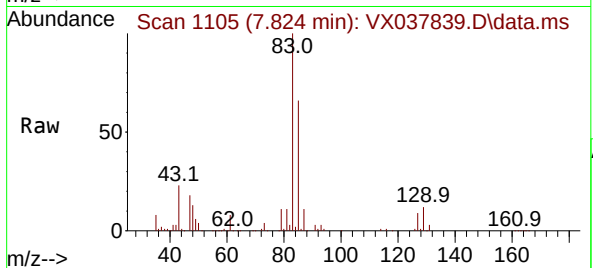
174 100.4 69.4 104.0





#47
Bromodichloromethane
Concen: 52.370 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

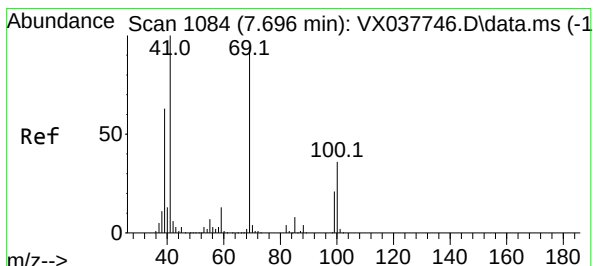
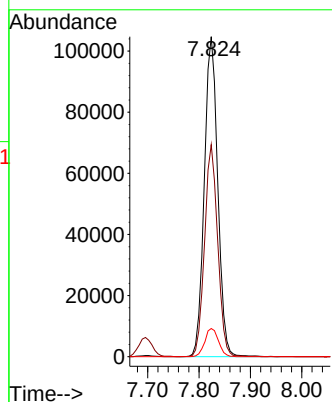
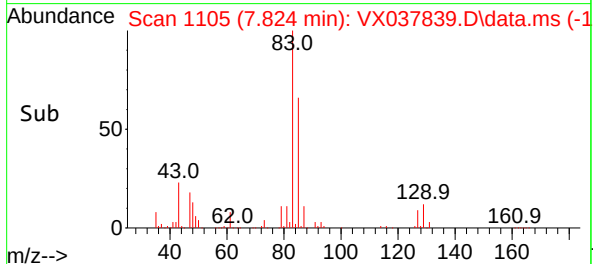
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



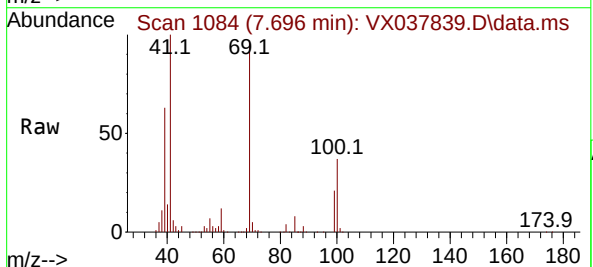
Tgt Ion: 83 Resp: 18988
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 8.8 7.1 10.7

Manual Integrations
APPROVED

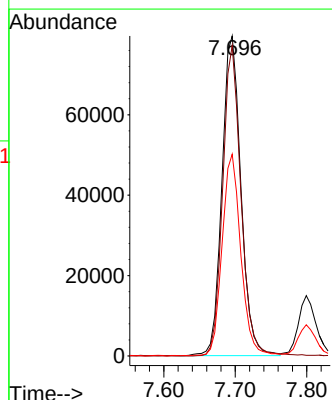
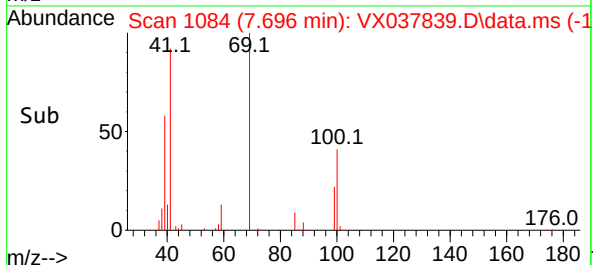
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

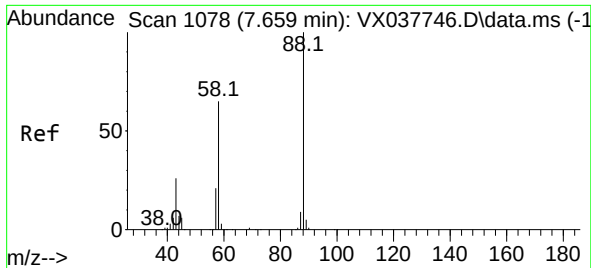


#48
Methyl methacrylate
Concen: 50.978 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



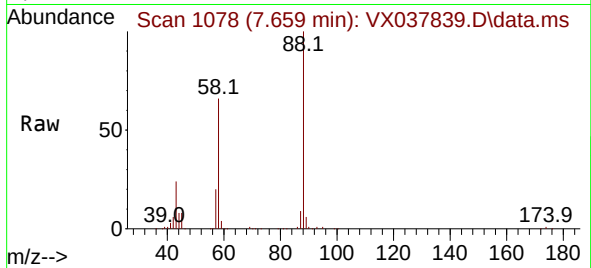
Tgt Ion: 41 Resp: 146809
Ion Ratio Lower Upper
41 100
69 93.8 59.2 88.8
39 61.9 47.7 71.5





#49
1,4-Dioxane
Concen: 941.982 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

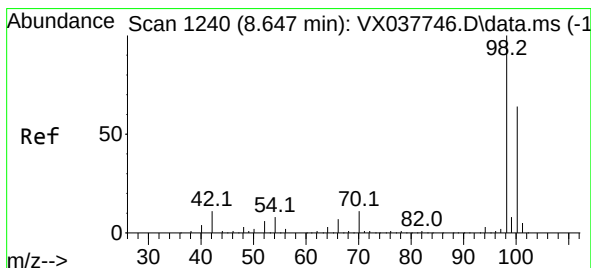
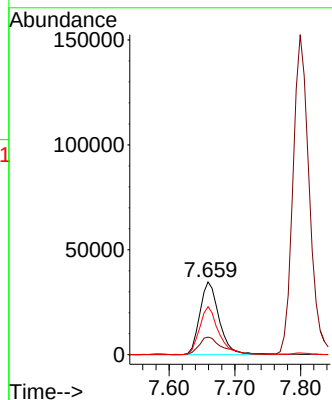
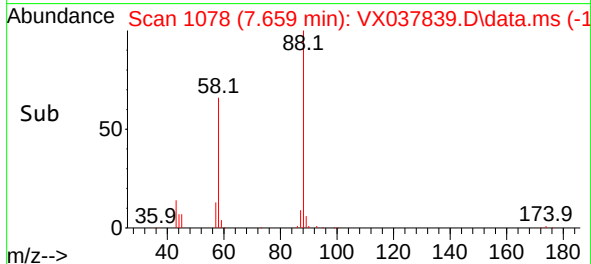
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 71119
Ion Ratio Lower Upper
88 100
43 28.6 0.0 0.0
58 65.7 60.1 90.1

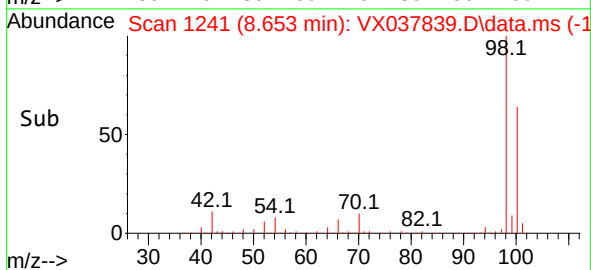
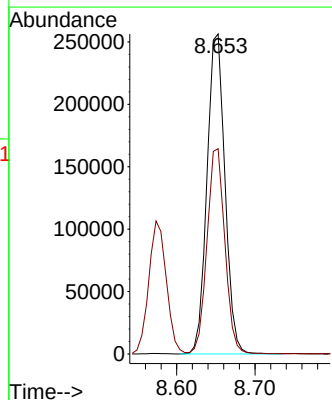
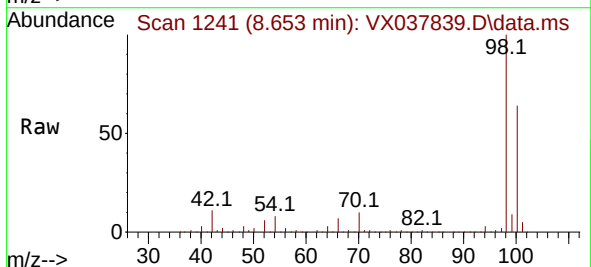
Manual Integrations
APPROVED

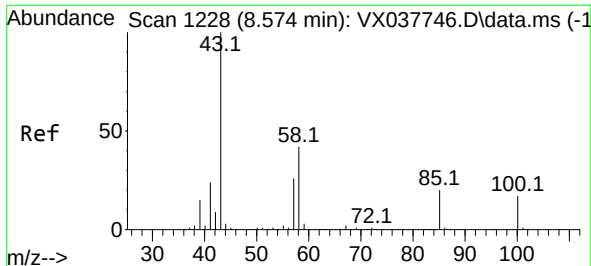
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#50
Toluene-d8
Concen: 44.088 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

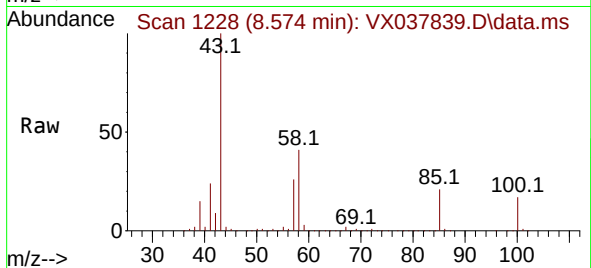
Tgt Ion: 98 Resp: 407528
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 255.765 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

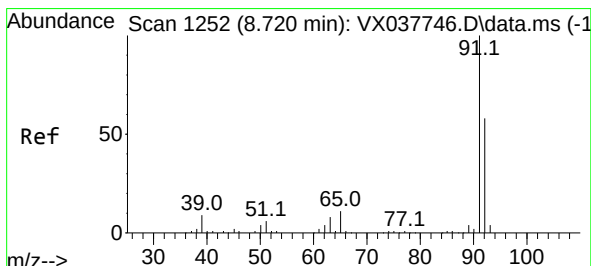
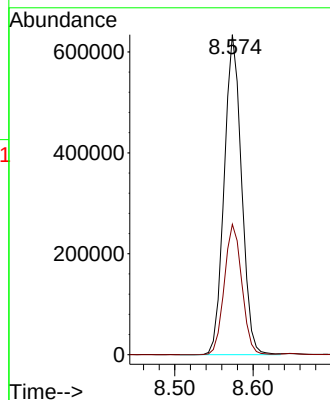
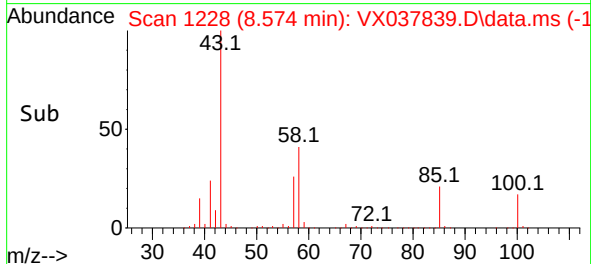
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



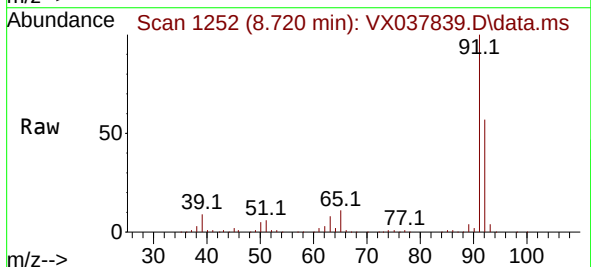
Tgt Ion: 43 Resp: 97757
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6

Manual Integrations
APPROVED

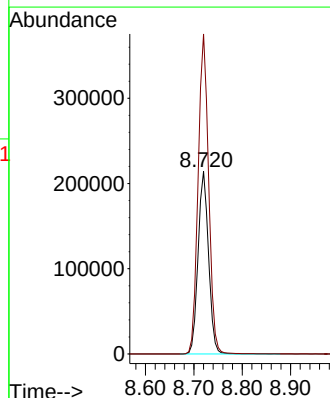
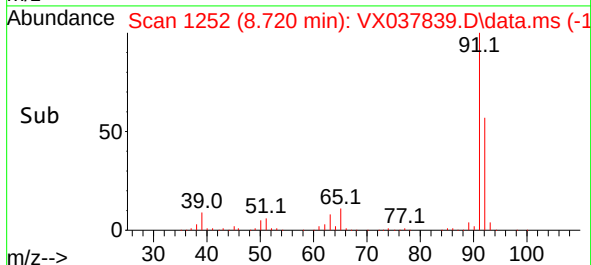
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

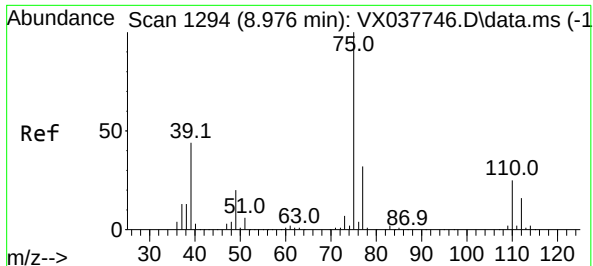


#52
Toluene
Concen: 47.245 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion: 92 Resp: 320878
Ion Ratio Lower Upper
92 100
91 176.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.018 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 204789

Ion Ratio Lower Upper

75 100

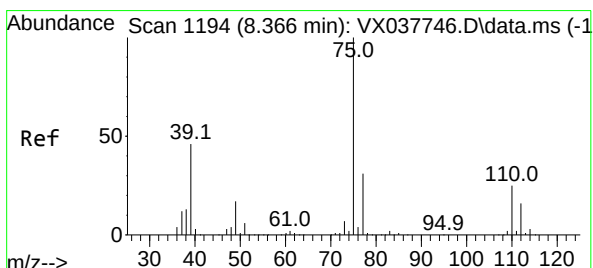
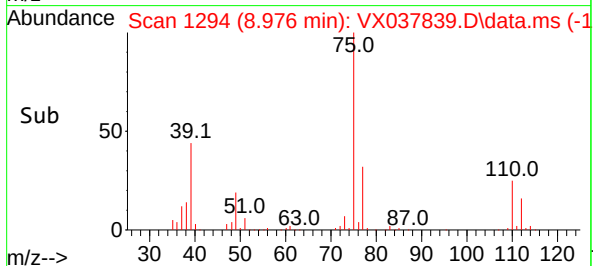
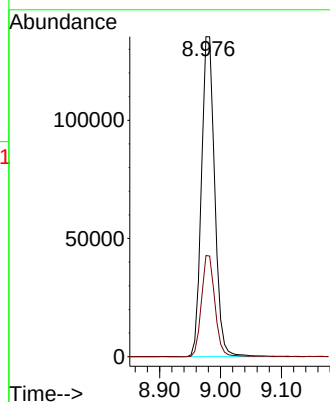
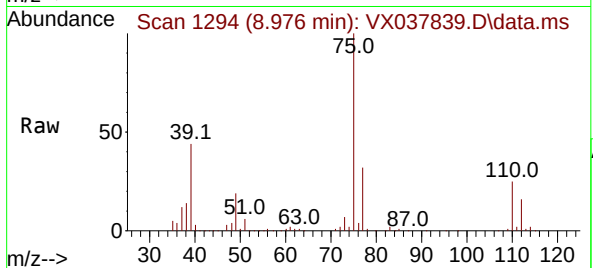
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#54

cis-1,3-Dichloropropene

Concen: 51.730 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

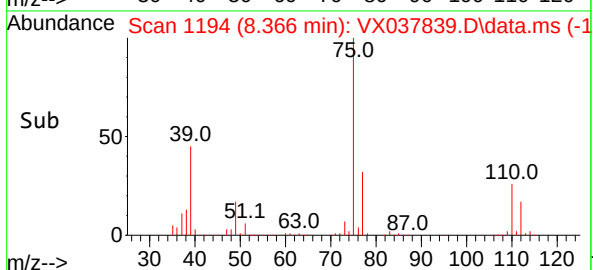
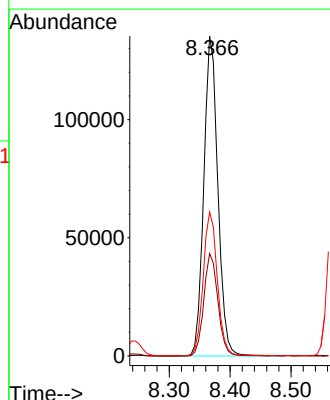
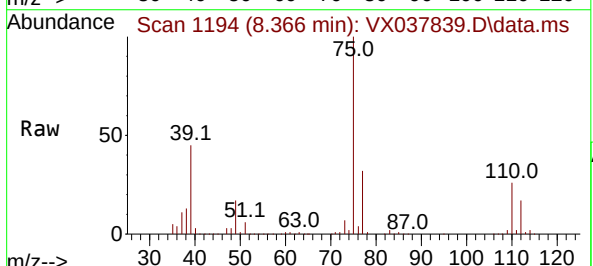
Tgt Ion: 75 Resp: 217047

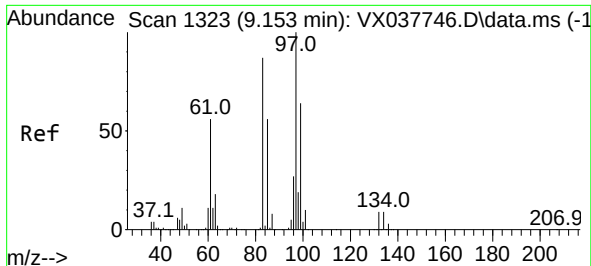
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

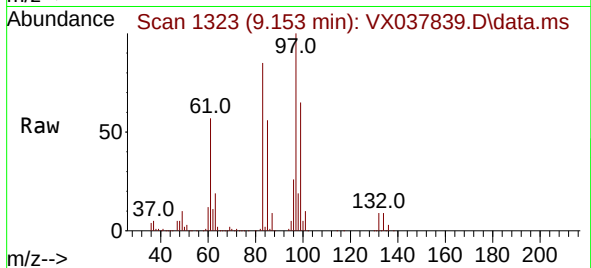
39 44.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 52.172 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

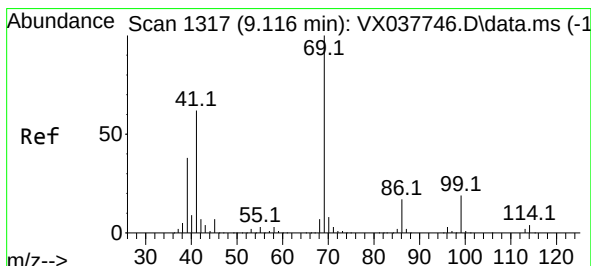
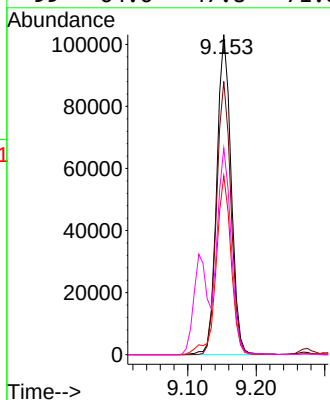
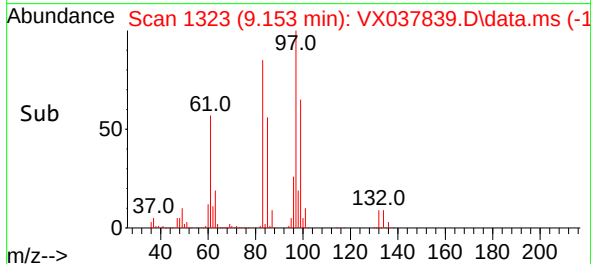
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



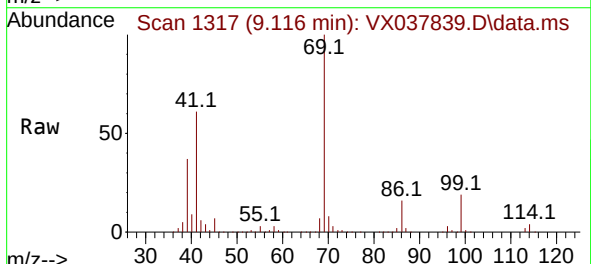
Tgt Ion: 97 Resp: 149390
Ion Ratio Lower Upper
97 100
83 85.4 65.8 98.8
85 55.9 41.6 62.4
99 64.6 47.8 71.8

Manual Integrations
APPROVED

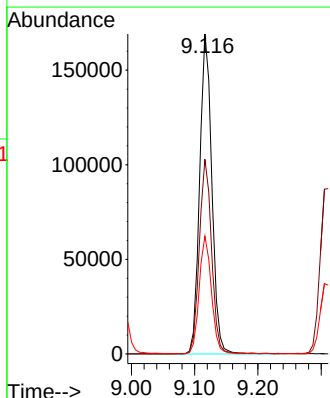
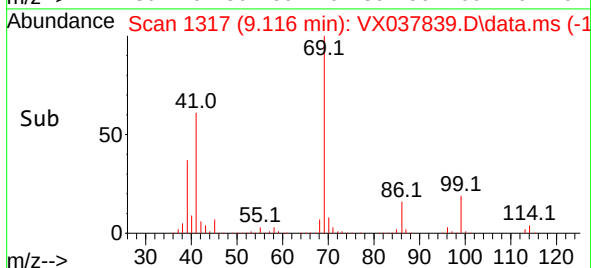
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

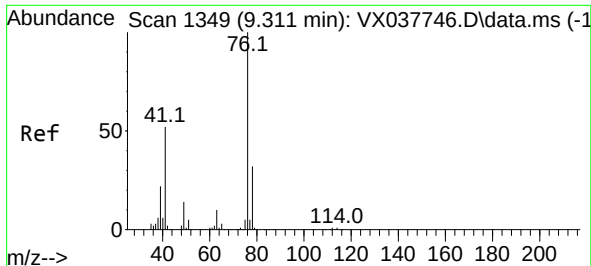


#56
Ethyl methacrylate
Concen: 53.150 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion: 69 Resp: 227212
Ion Ratio Lower Upper
69 100
41 61.3 56.8 85.2
39 36.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 51.749 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 239792

Ion Ratio Lower Upper

76 100

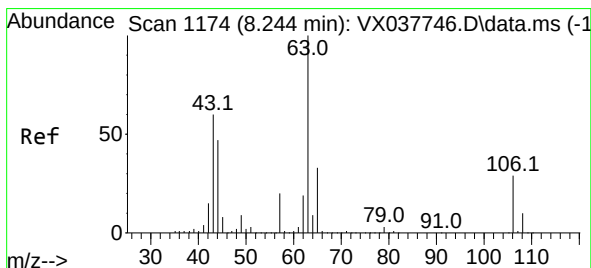
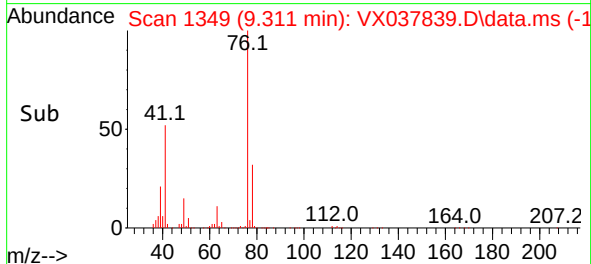
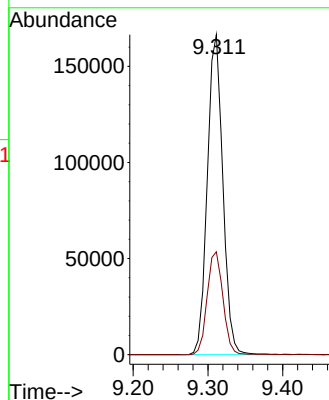
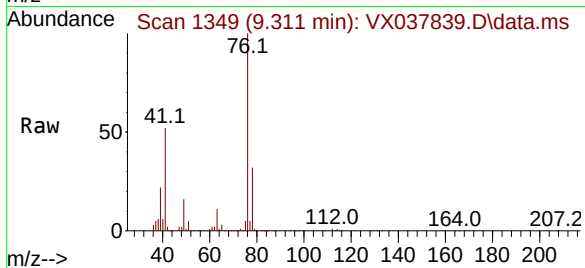
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 257.356 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037839.D

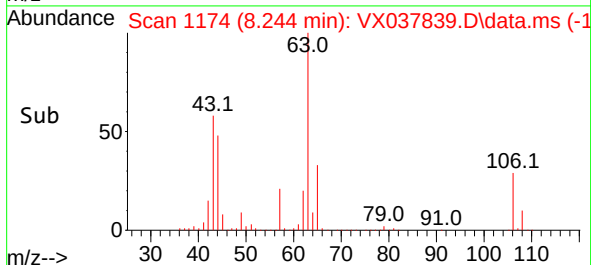
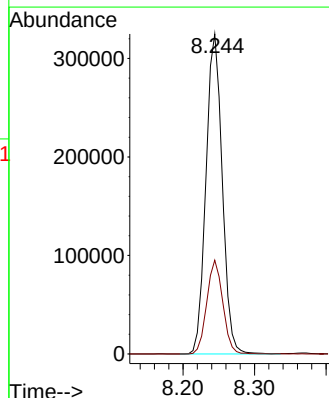
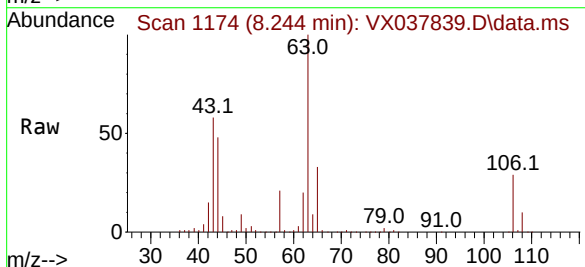
Acq: 20 Sep 2023 18:12

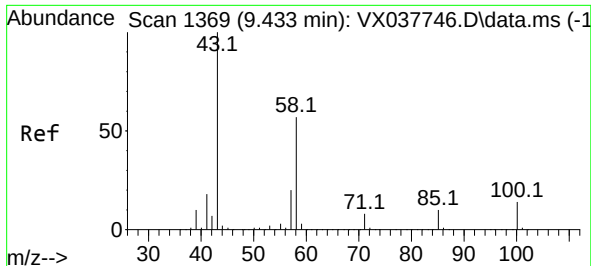
Tgt Ion: 63 Resp: 513725

Ion Ratio Lower Upper

63 100

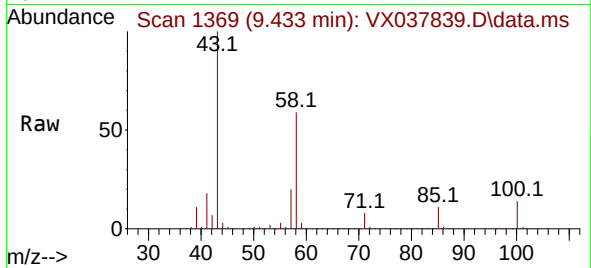
106 28.8 22.5 33.7





#59
2-Hexanone
Concen: 250.488 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

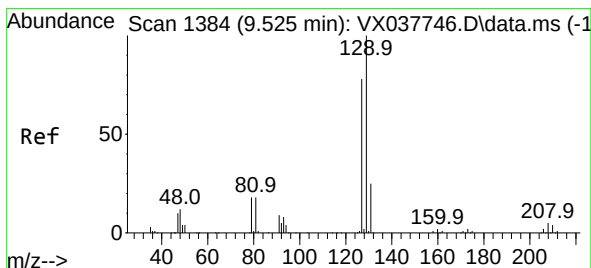
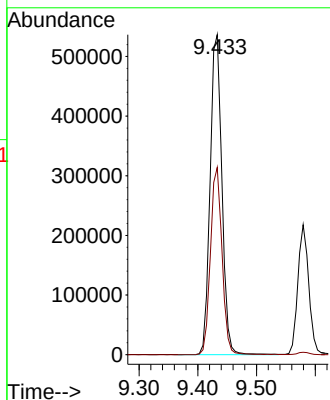
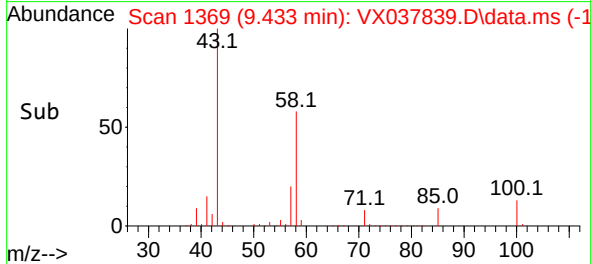
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



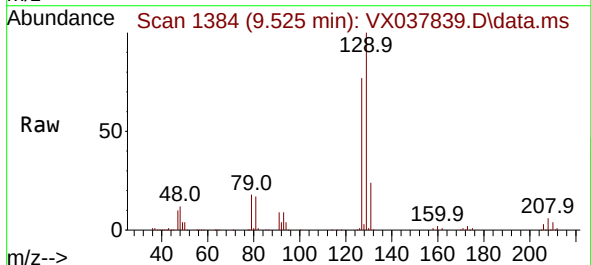
Tgt Ion: 43 Resp: 745430
Ion Ratio Lower Upper
43 100
58 57.5 26.2 78.5

Manual Integrations
APPROVED

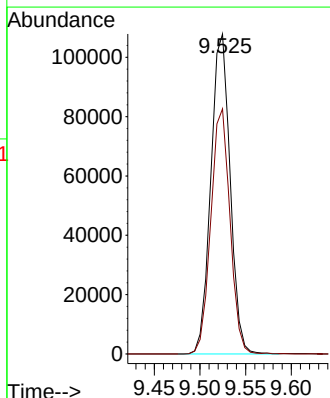
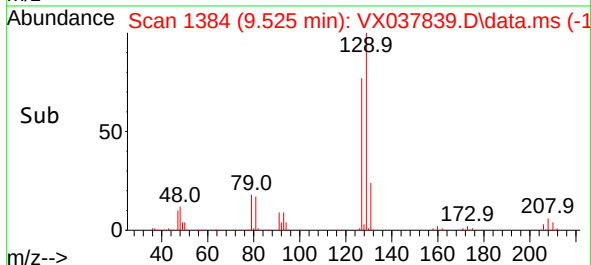
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

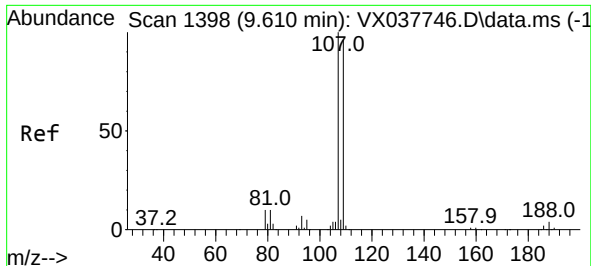


#60
Dibromochloromethane
Concen: 55.350 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion:129 Resp: 157893
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.514 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

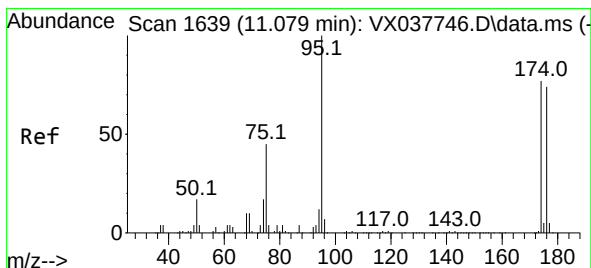
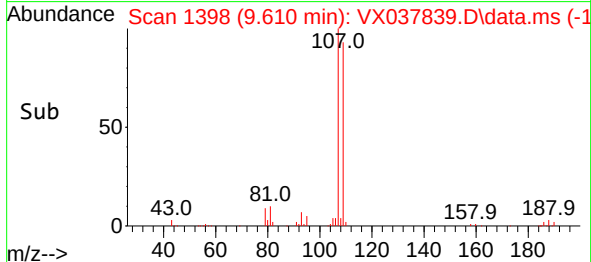
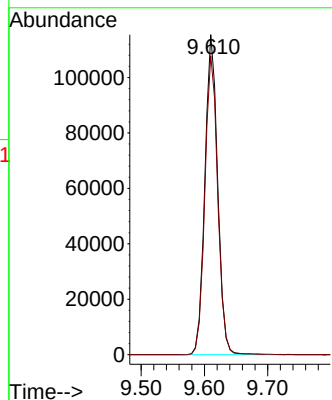
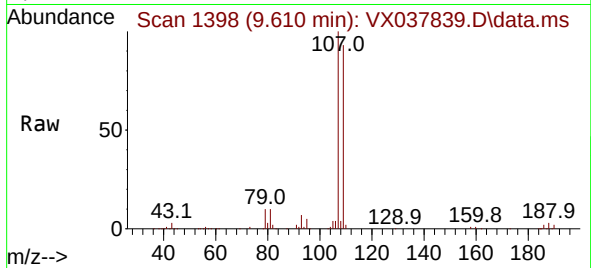
VSTDCCC050EC

Tgt Ion:107 Resp: 162244
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations

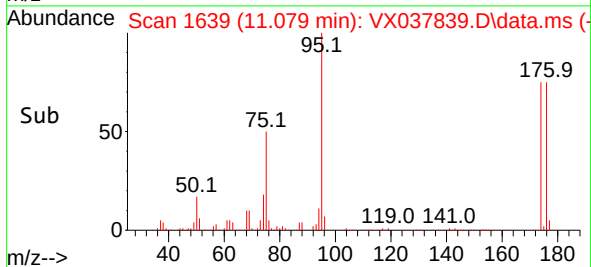
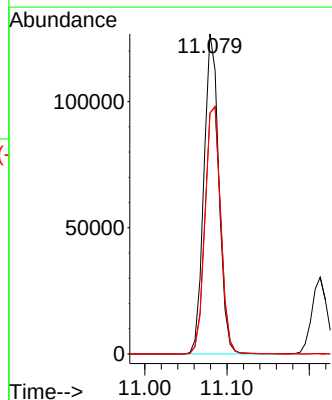
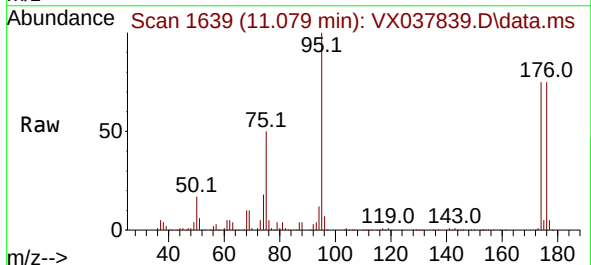
APPROVED

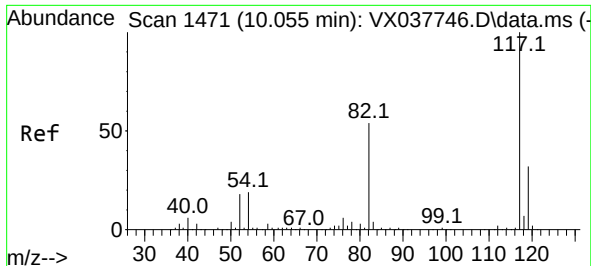
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#62
4-Bromofluorobenzene
Concen: 47.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

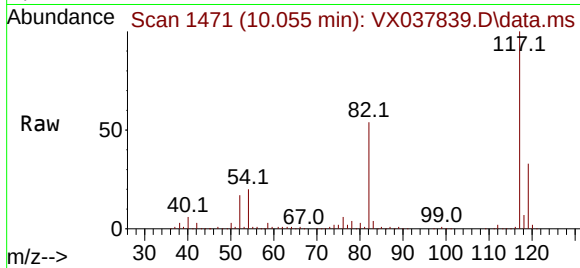
Tgt Ion: 95 Resp: 160088
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 80.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

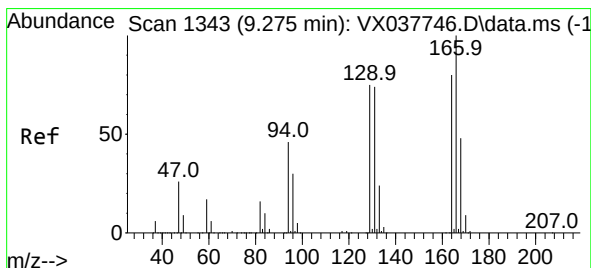
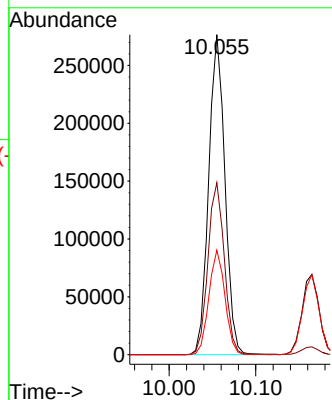
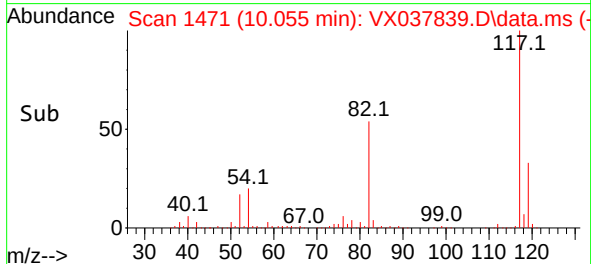
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 359368
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.6 25.5 38.3

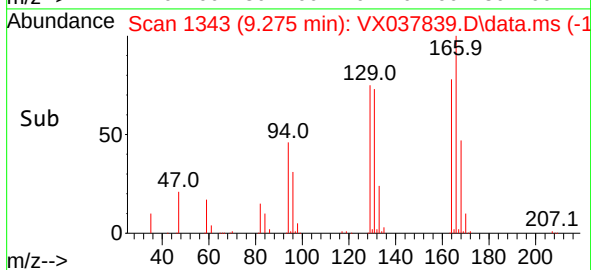
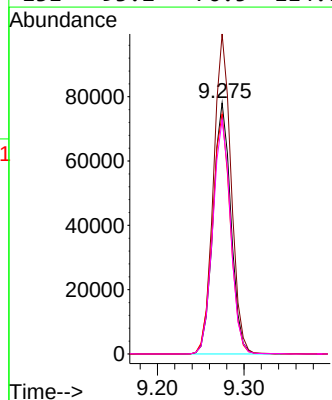
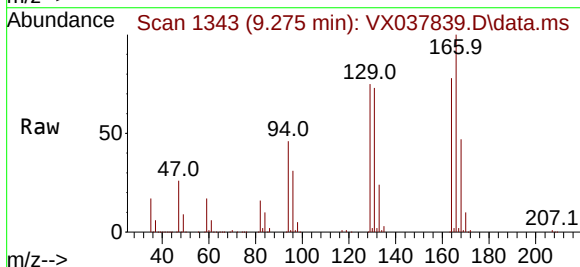
Manual Integrations
APPROVED

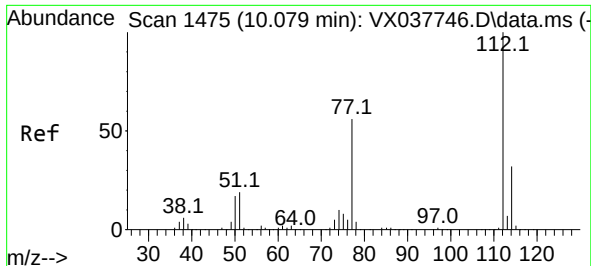
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
Tetrachloroethene
Concen: 45.143 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

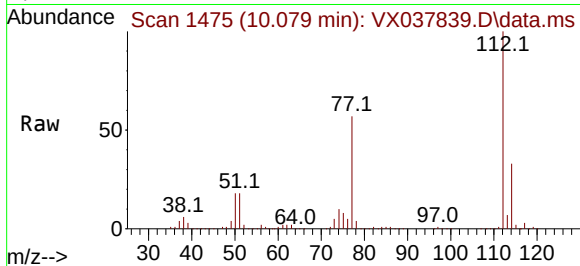
Tgt Ion:164 Resp: 110639
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 95.6 80.4 120.6
131 93.2 76.5 114.7





#65
Chlorobenzene
Concen: 47.115 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

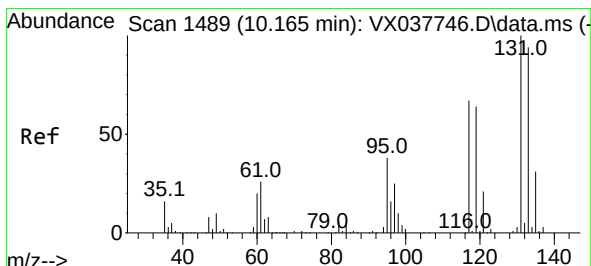
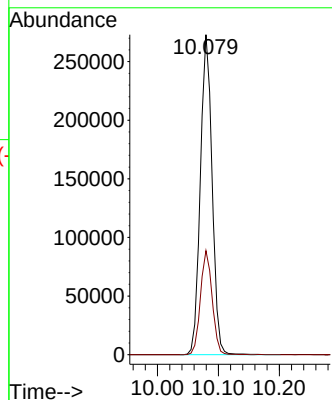
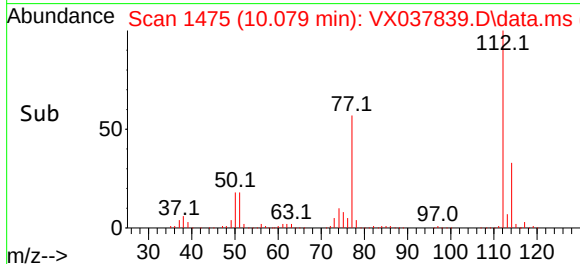
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



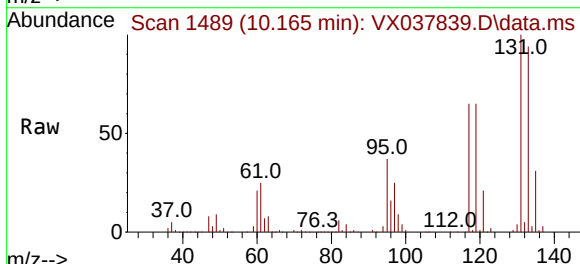
Tgt Ion:112 Resp: 365214
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

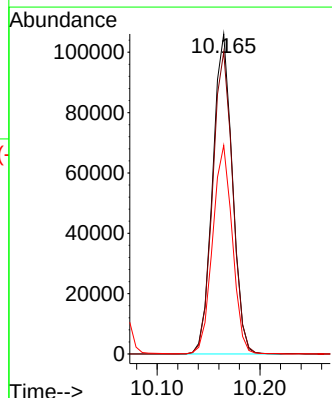
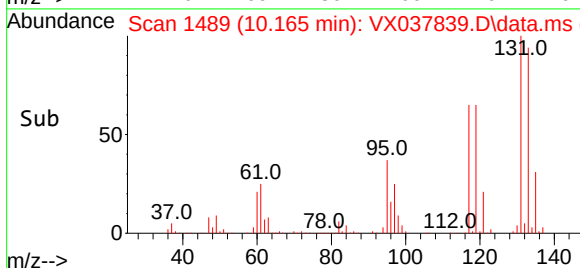
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

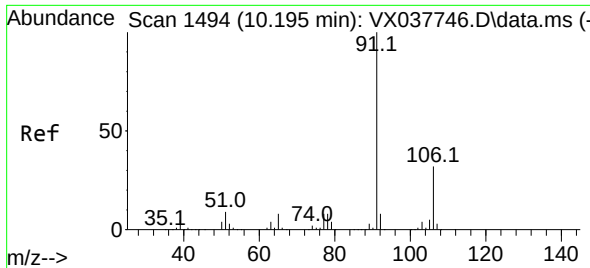


#66
1,1,1,2-Tetrachloroethane
Concen: 51.329 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



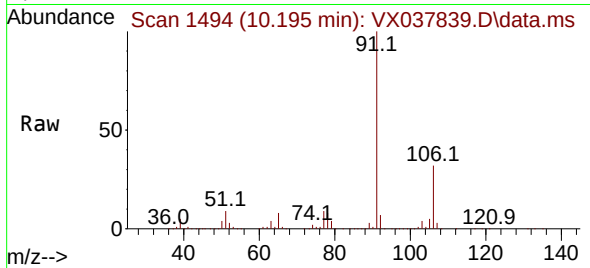
Tgt Ion:131 Resp: 141001
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 65.2 32.2 96.6





#67
Ethyl Benzene
Concen: 46.069 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

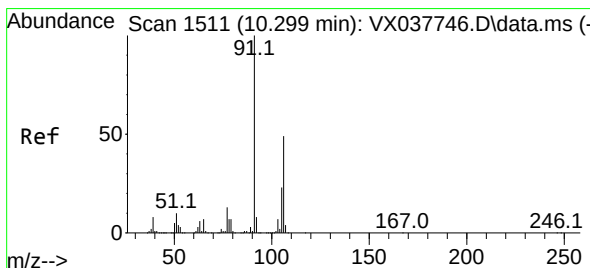
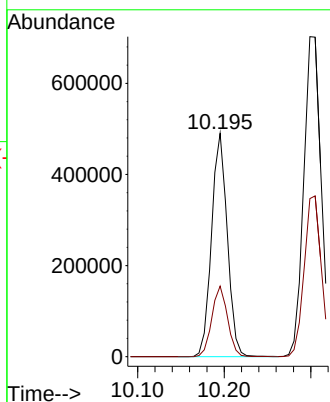
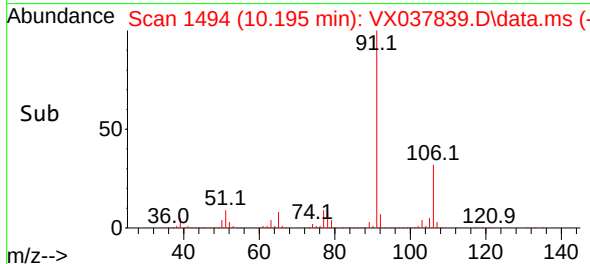
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



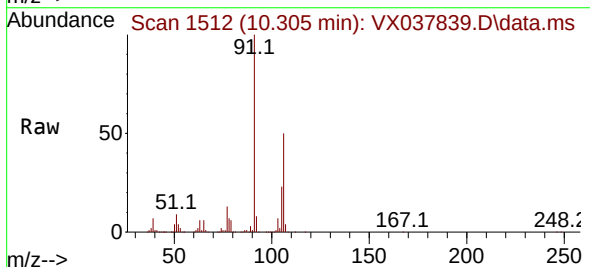
Tgt Ion: 91 Resp: 619139
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

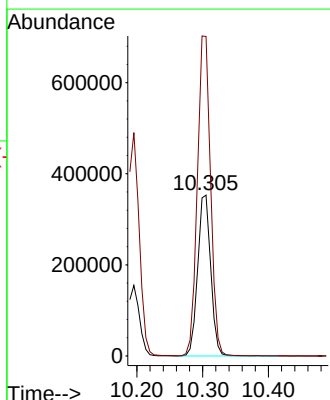
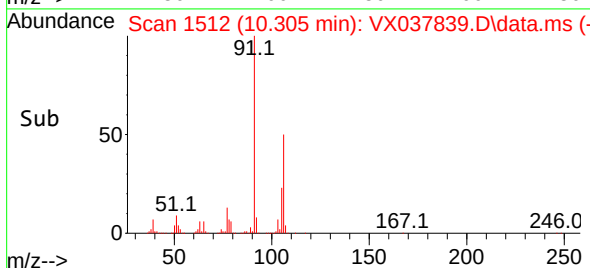
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

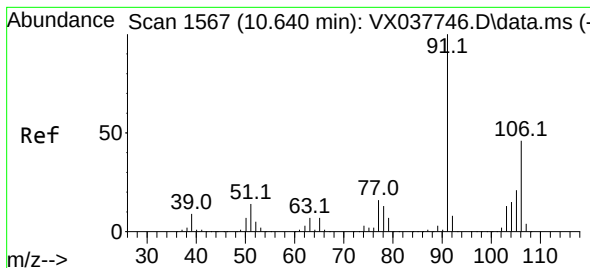


#68
m/p-Xylenes
Concen: 93.595 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion:106 Resp: 486051
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3





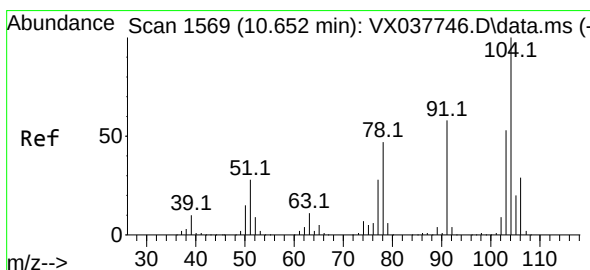
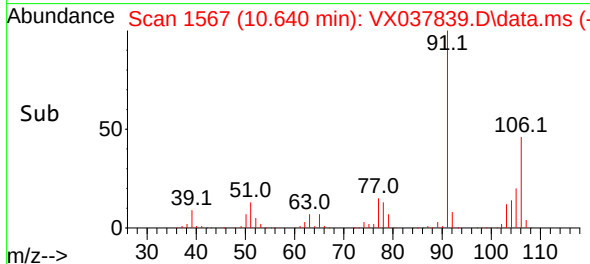
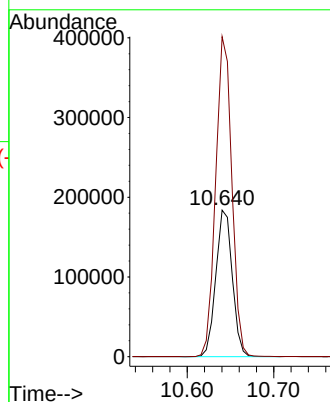
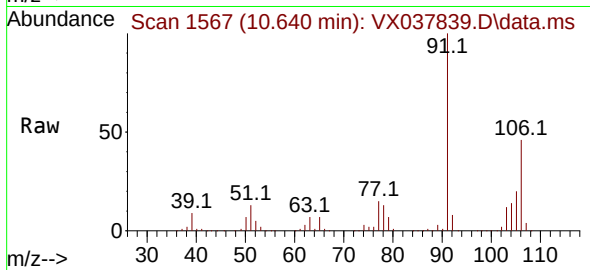
#69
o-Xylene
Concen: 46.643 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 242890
Ion Ratio Lower Upper
106 100
91 214.2 108.9 326.8

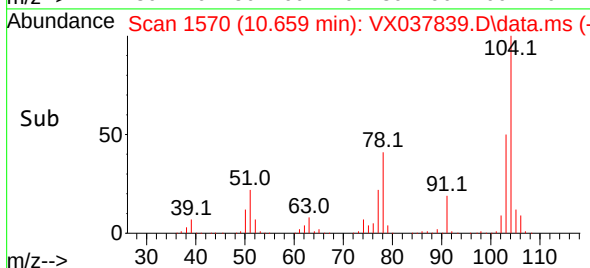
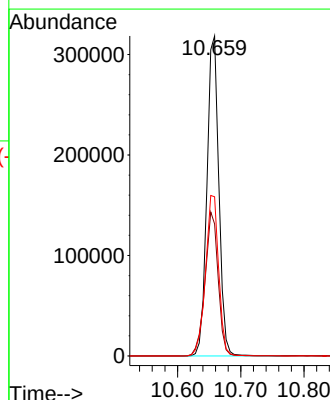
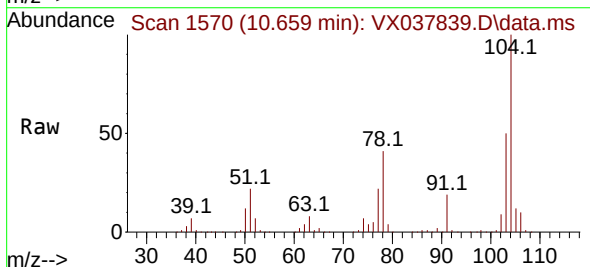
Manual Integrations
APPROVED

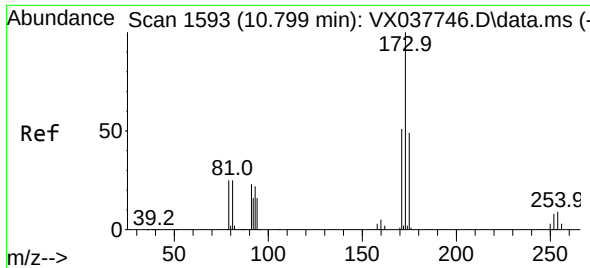
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
Styrene
Concen: 49.944 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

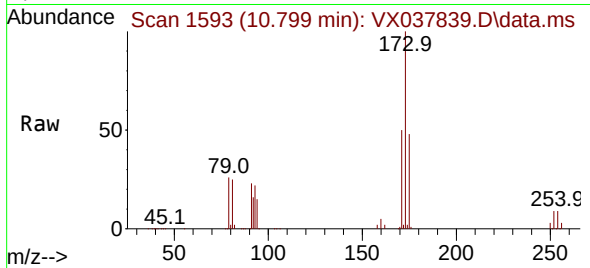
Tgt Ion:104 Resp: 417545
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 55.5 43.6 65.4





#71
Bromoform
Concen: 55.098 ug/l
RT: 10.799 min Scan# 11956
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

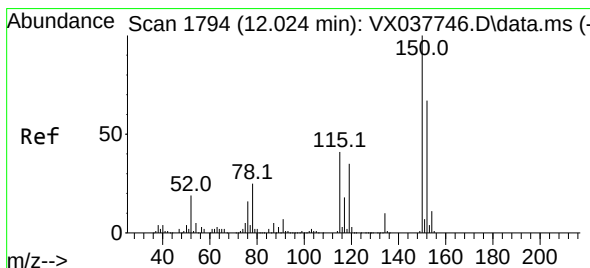
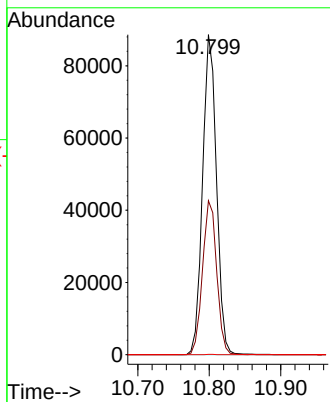
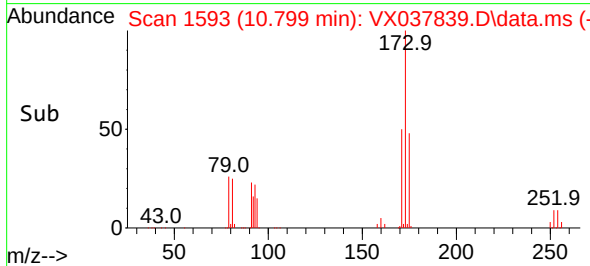
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



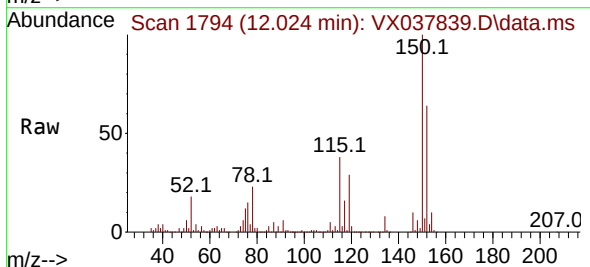
Tgt Ion:173 Resp: 11956
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

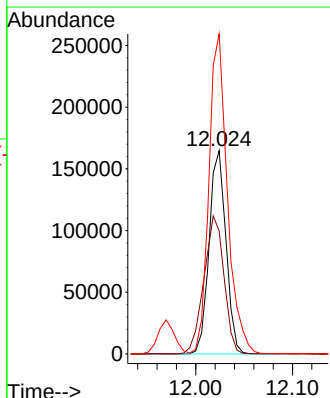
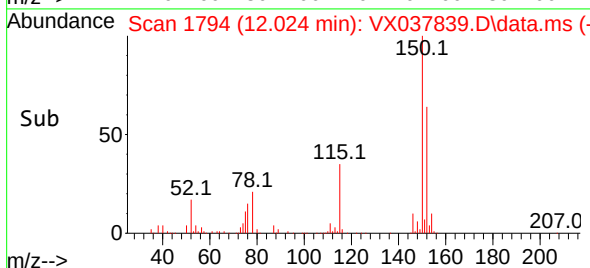
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

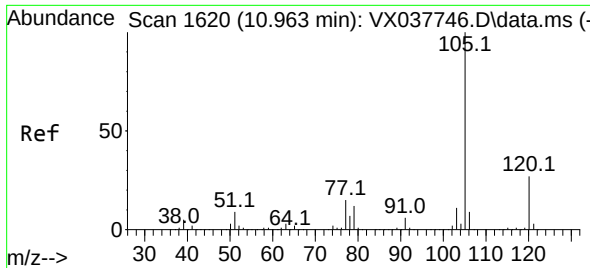


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion:152 Resp: 199882
Ion Ratio Lower Upper
152 100
115 80.6 43.3 129.9
150 172.6 0.0 345.0





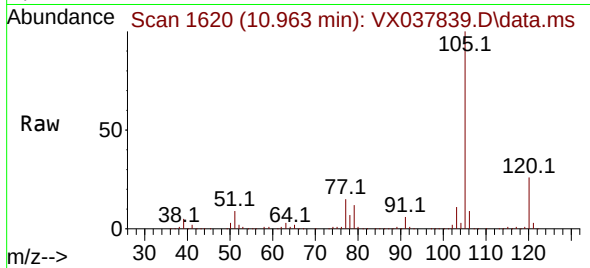
#73
Isopropylbenzene
Concen: 42.111 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



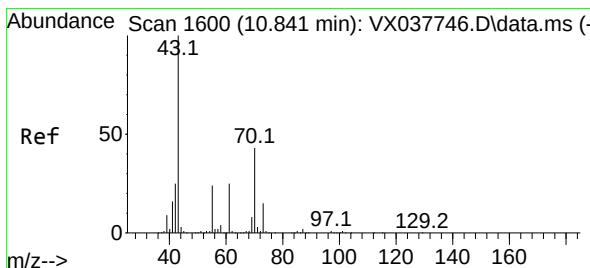
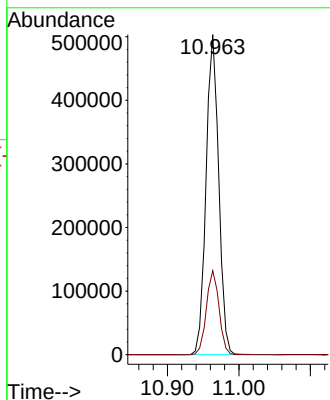
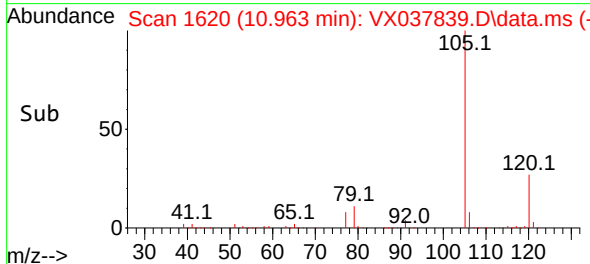
Tgt Ion:105 Resp: 61752
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

Manual Integrations

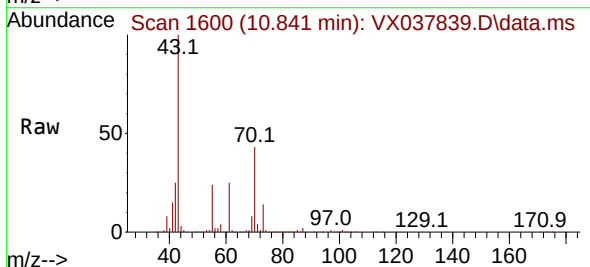
APPROVED

Reviewed By :John Carlone 09/21/2023

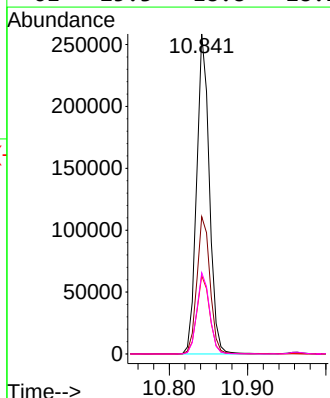
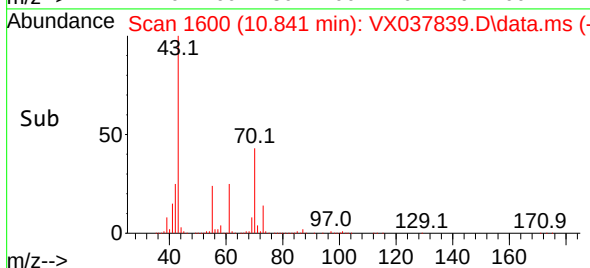
Supervised By :Mahesh Dadoda 09/21/2023

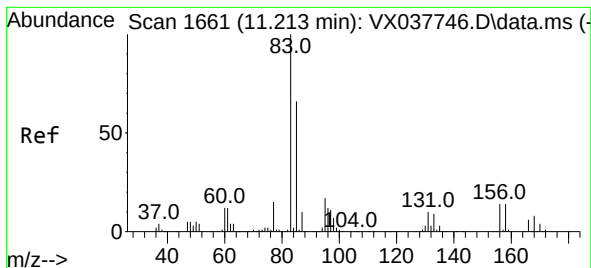


#74
N-ethyl acetate
Concen: 49.140 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



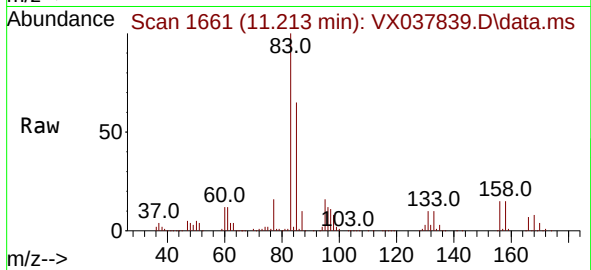
Tgt Ion: 43 Resp: 291840
Ion Ratio Lower Upper
43 100
70 44.3 32.9 49.3
55 24.8 19.3 28.9
61 25.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.498 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

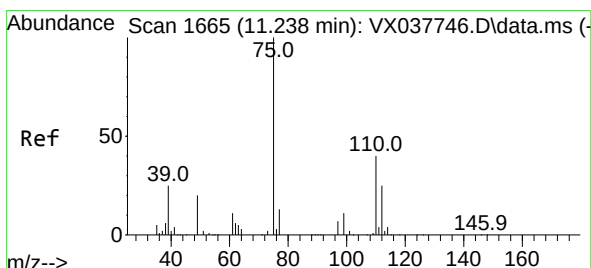
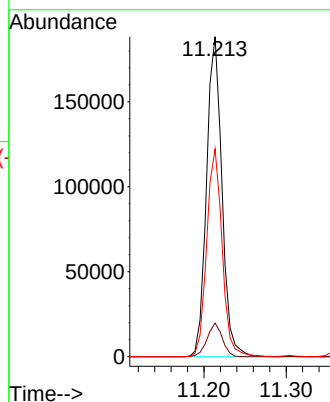
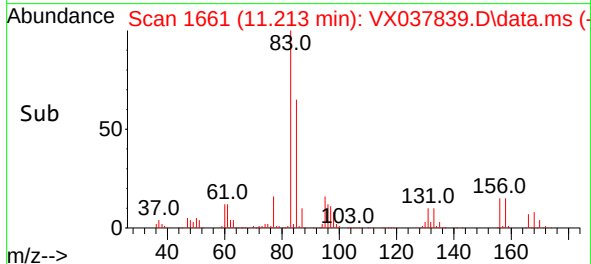
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



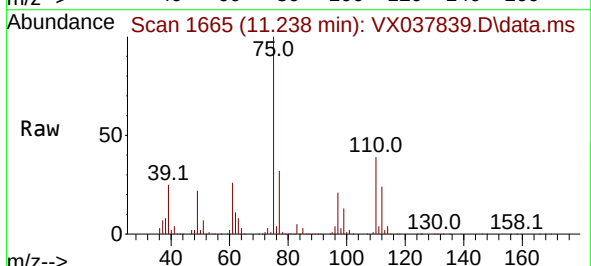
Tgt Ion: 83 Resp: 244961
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

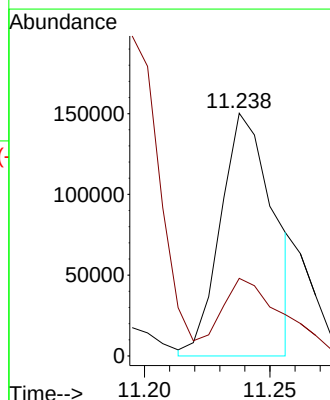
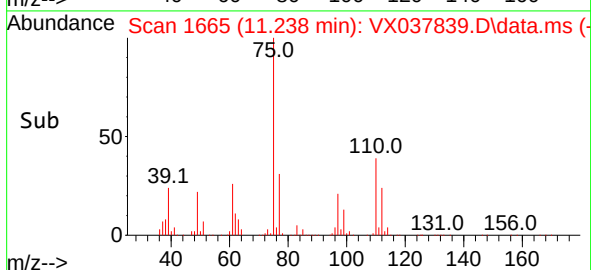
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

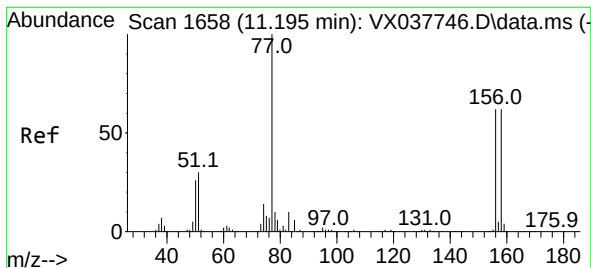


#76
1,2,3-Trichloropropane
Concen: 47.411 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion: 75 Resp: 219184
Ion Ratio Lower Upper
75 100
77 38.4 19.1 57.5





#77

Bromobenzene

Concen: 46.407 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 168440

Ion Ratio Lower Upper

156 100

77 151.4 88.4 265.3

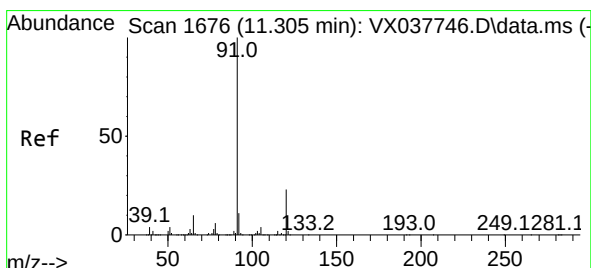
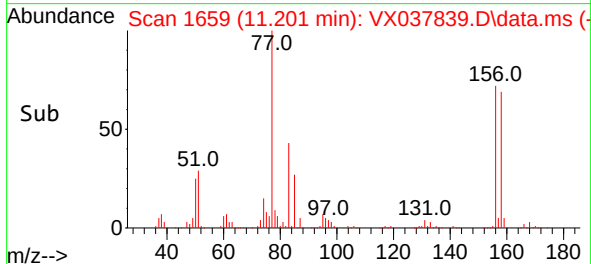
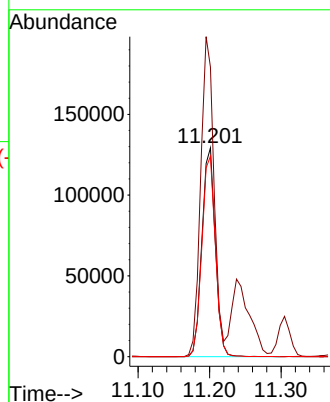
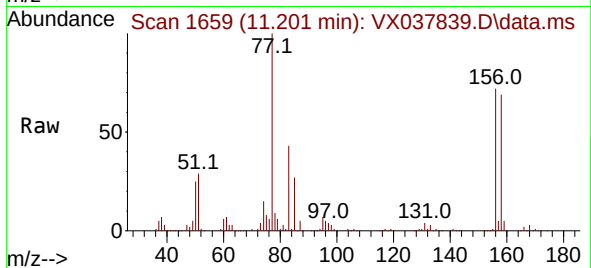
158 97.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#78

n-propylbenzene

Concen: 44.169 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037839.D

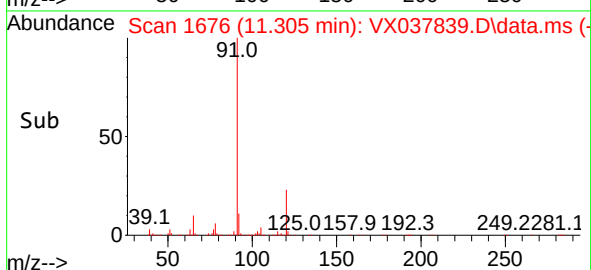
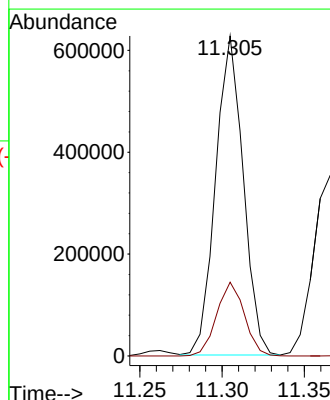
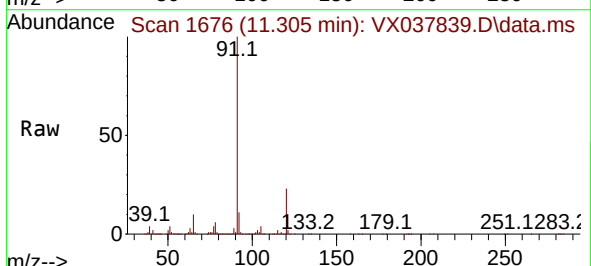
Acq: 20 Sep 2023 18:12

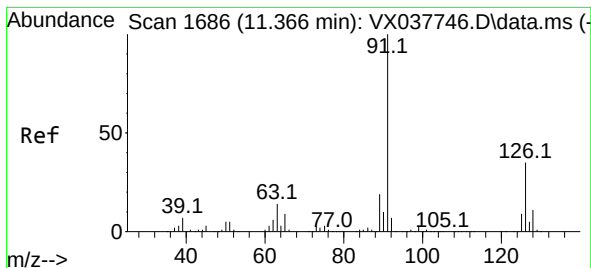
Tgt Ion: 91 Resp: 731499

Ion Ratio Lower Upper

91 100

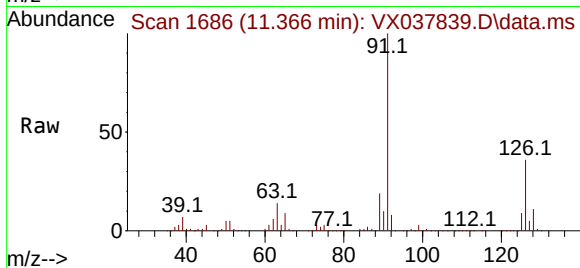
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 43.056 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

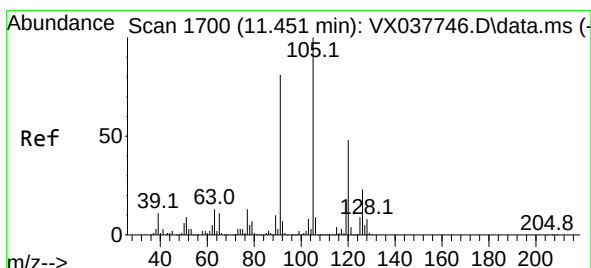
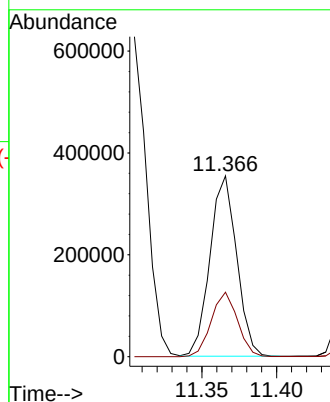
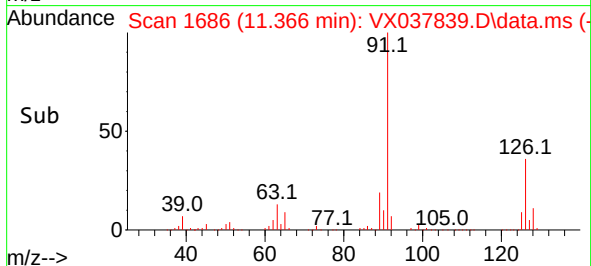
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



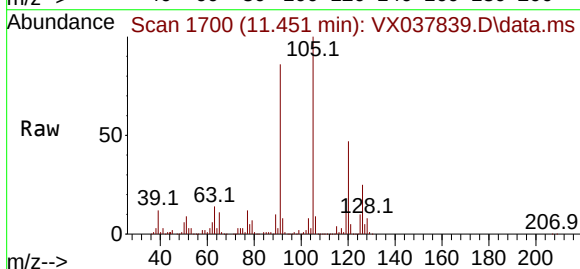
Tgt Ion: 91 Resp: 43966
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8

Manual Integrations
APPROVED

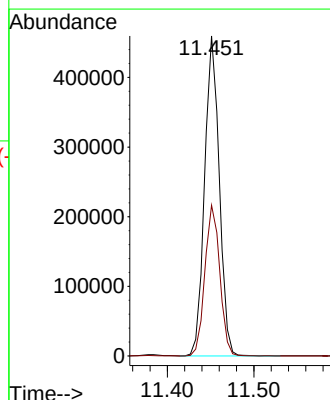
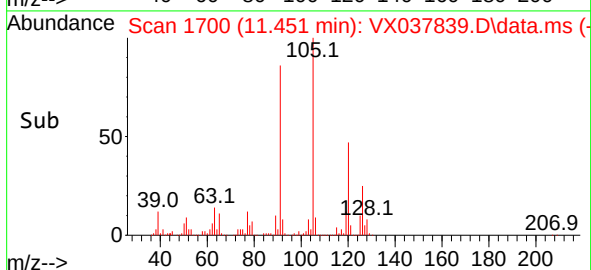
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

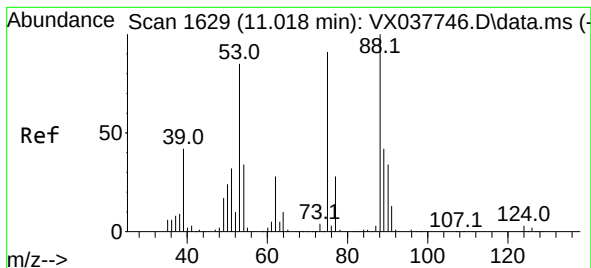


#80
1,3,5-Trimethylbenzene
Concen: 43.572 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion:105 Resp: 539594
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





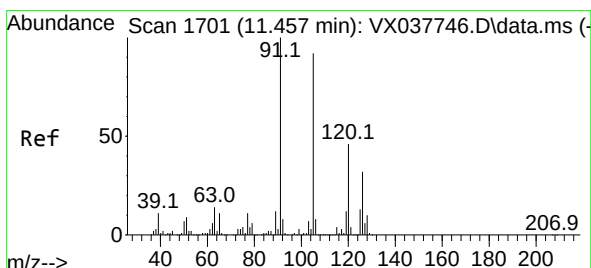
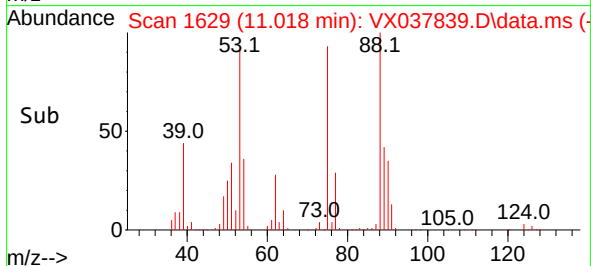
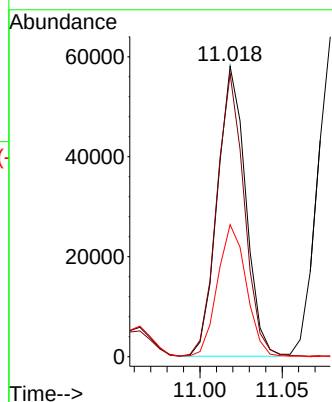
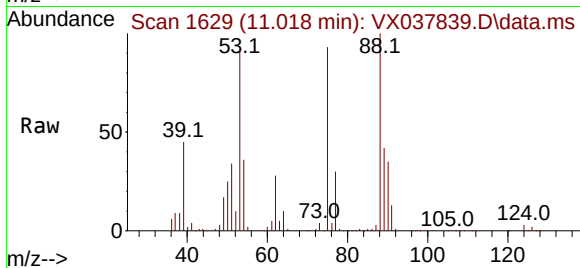
#81
trans-1,4-Dichloro-2-butene
Concen: 48.098 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 69414
Ion Ratio Lower Upper
75 100
53 94.7 90.5 135.7
89 46.5 36.9 55.3

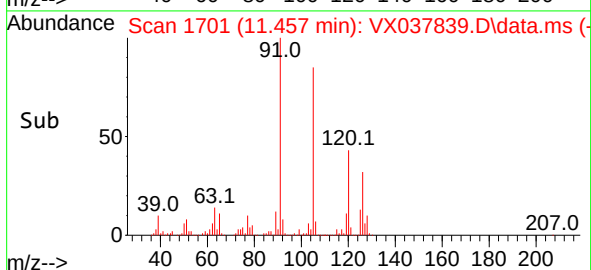
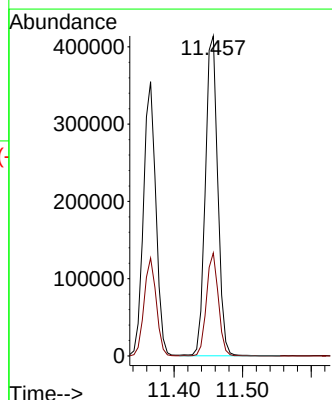
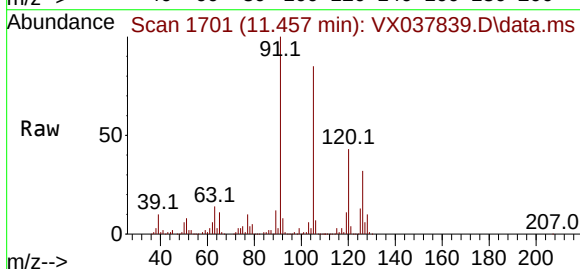
Manual Integrations
APPROVED

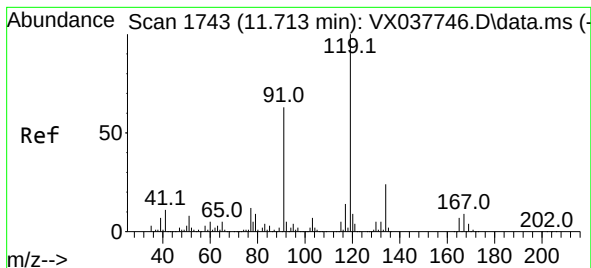
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#82
4-Chlorotoluene
Concen: 45.429 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion: 91 Resp: 522260
Ion Ratio Lower Upper
91 100
126 31.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 43.710 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 547088

Ion Ratio Lower Upper

119 100

91 55.3 31.2 93.6

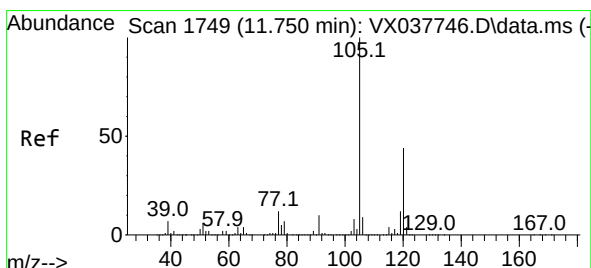
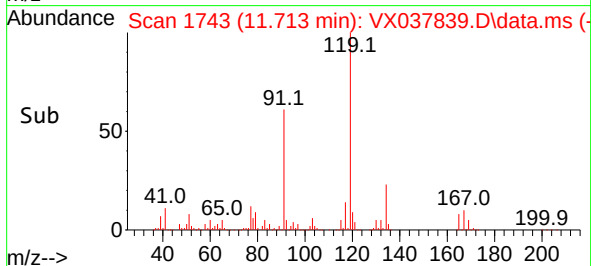
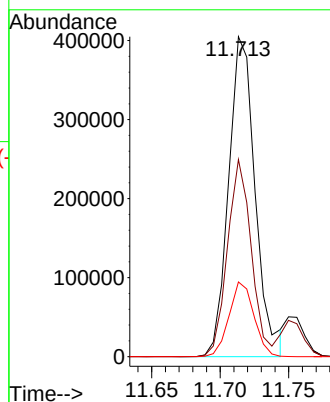
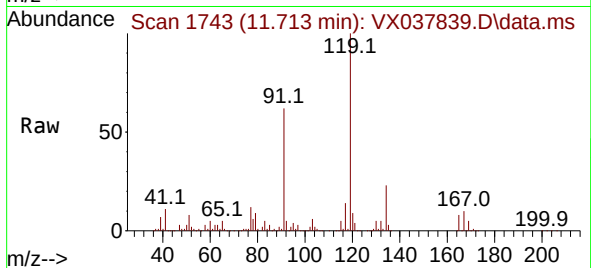
134 21.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 44.650 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037839.D

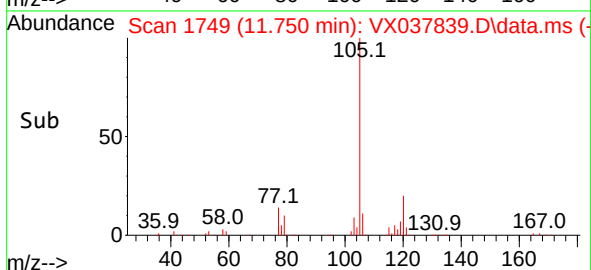
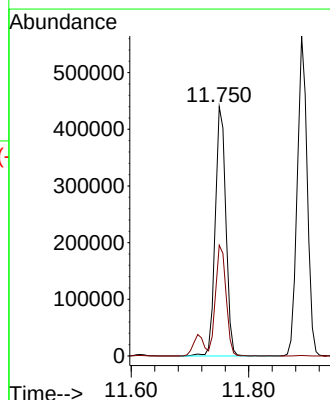
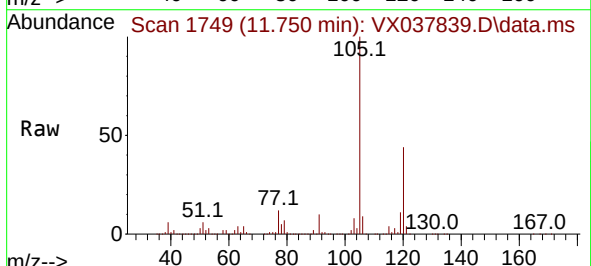
Acq: 20 Sep 2023 18:12

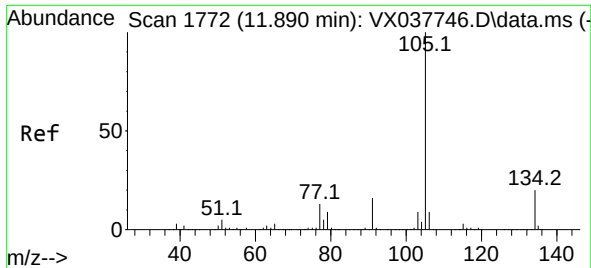
Tgt Ion:105 Resp: 550152

Ion Ratio Lower Upper

105 100

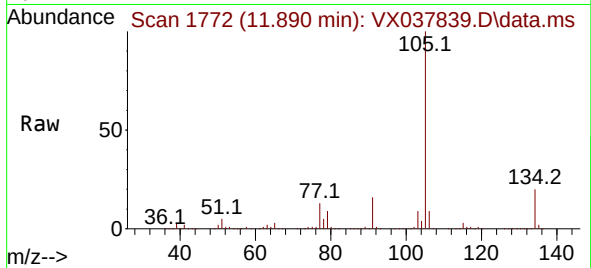
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 43.802 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037839.D
 Acq: 20 Sep 2023 18:12

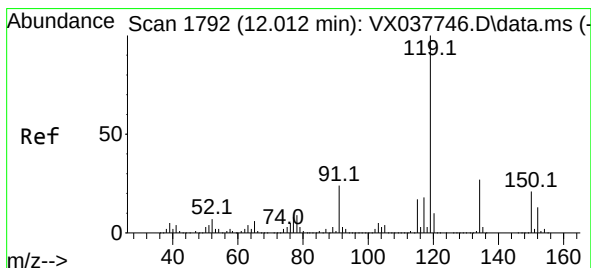
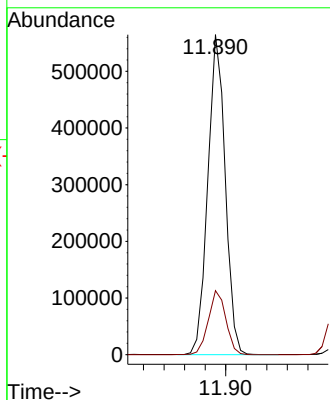
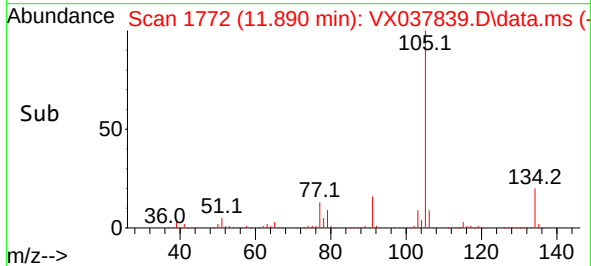
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



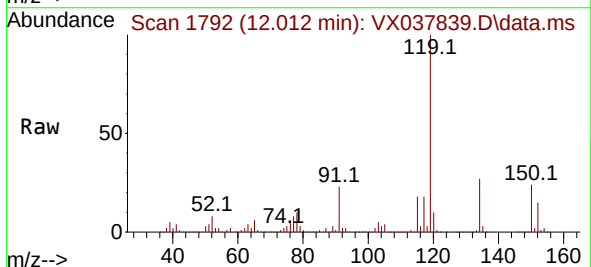
Tgt Ion:105 Resp: 665110
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
 APPROVED

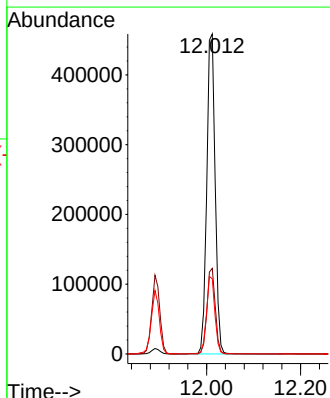
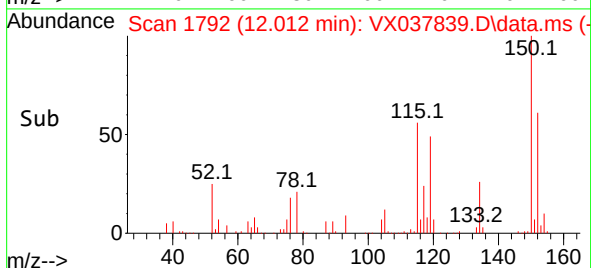
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023

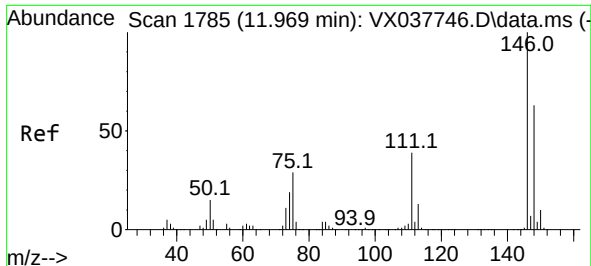


#86
 p-Isopropyltoluene
 Concen: 44.726 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037839.D
 Acq: 20 Sep 2023 18:12



Tgt Ion:119 Resp: 565829
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.991 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037839.D

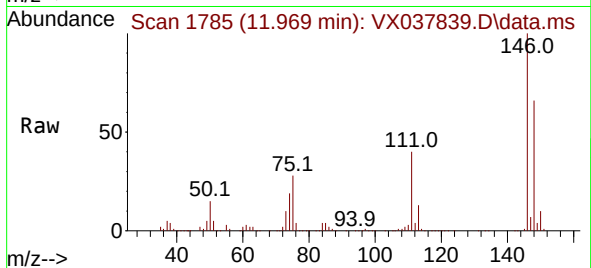
Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 317938

Ion Ratio Lower Upper

146 100

111 40.3 22.1 66.1

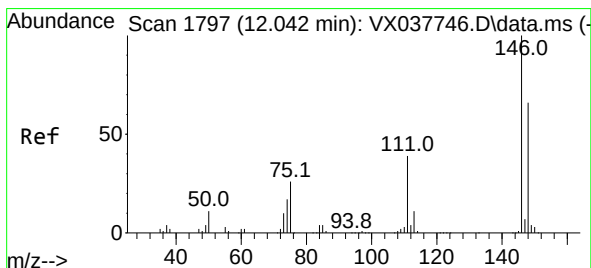
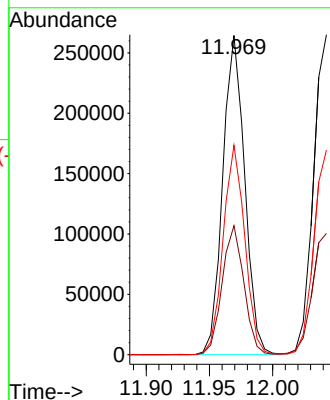
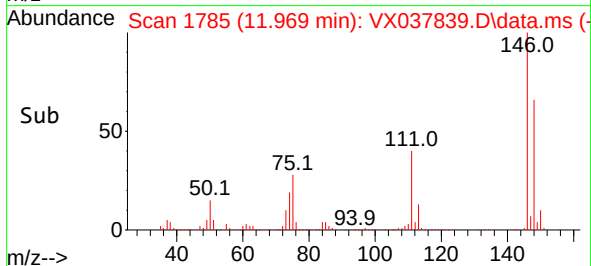
148 64.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#88

1,4-Dichlorobenzene

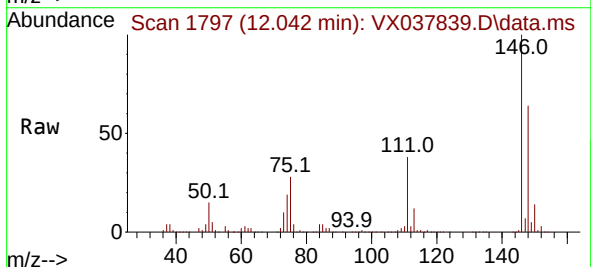
Concen: 46.936 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12



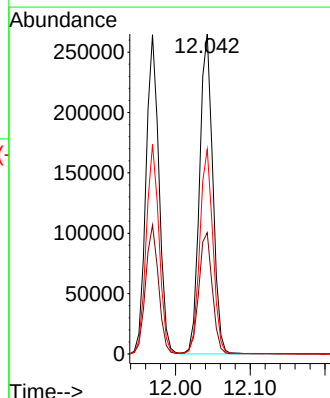
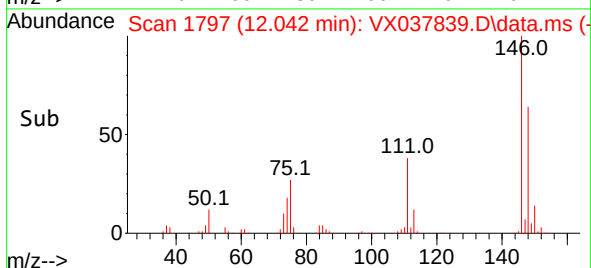
Tgt Ion:146 Resp: 324958

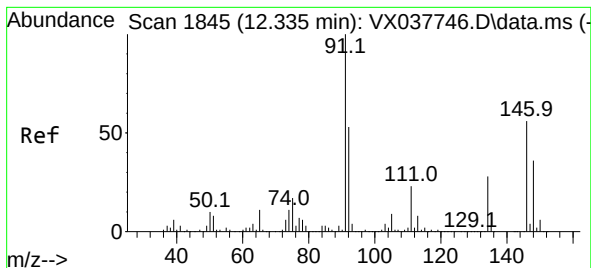
Ion Ratio Lower Upper

146 100

111 38.6 21.3 63.7

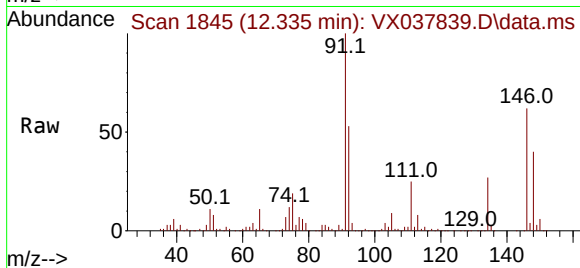
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 46.899 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

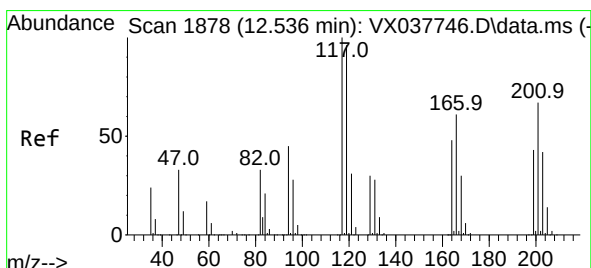
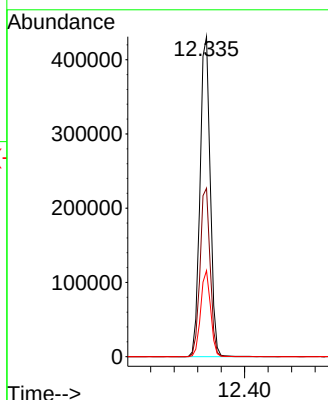
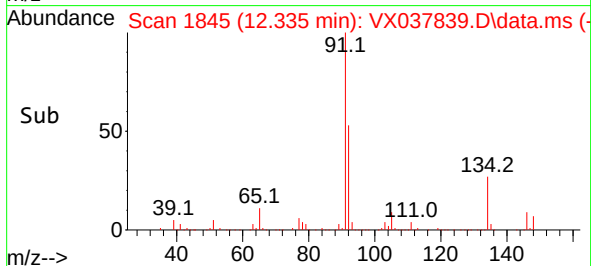
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 51976
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 26.2 12.6 37.8

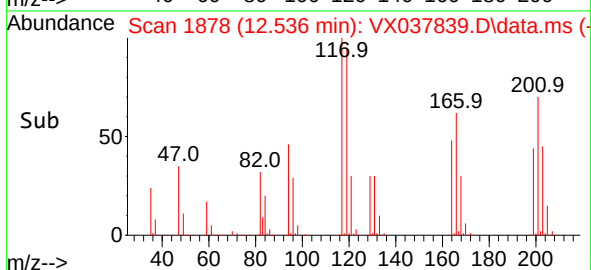
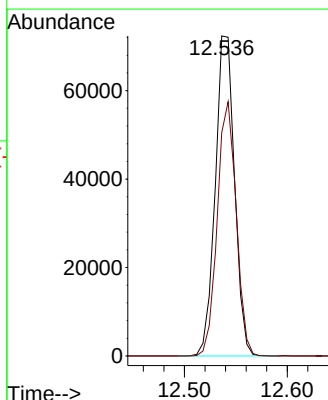
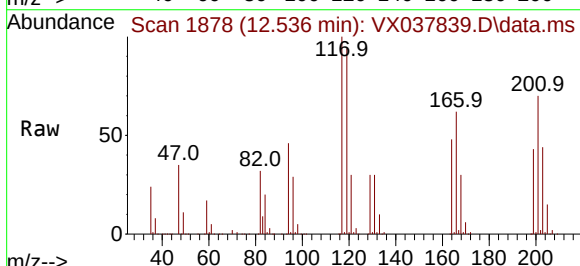
Manual Integrations
APPROVED

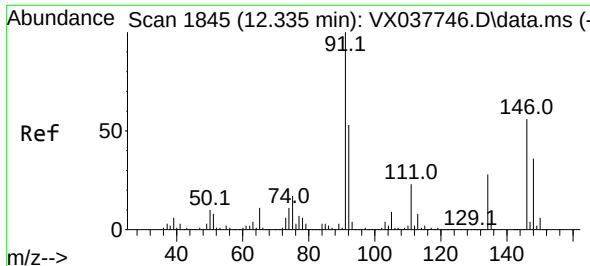
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#90
Hexachloroethane
Concen: 44.015 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

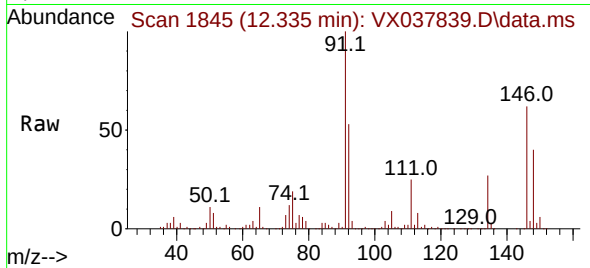
Tgt Ion:117 Resp: 94346
Ion Ratio Lower Upper
117 100
201 77.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 46.765 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

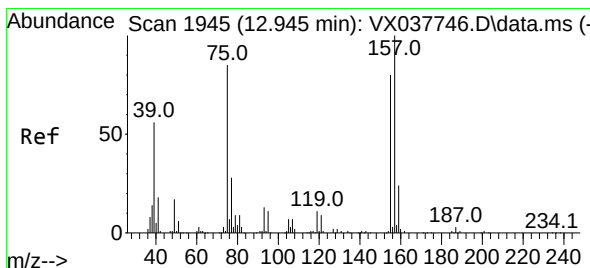
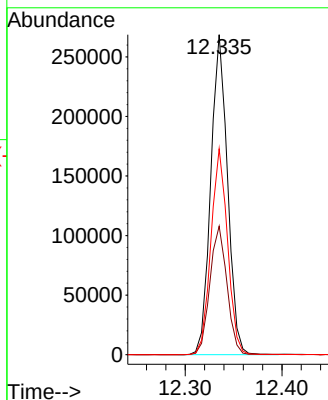
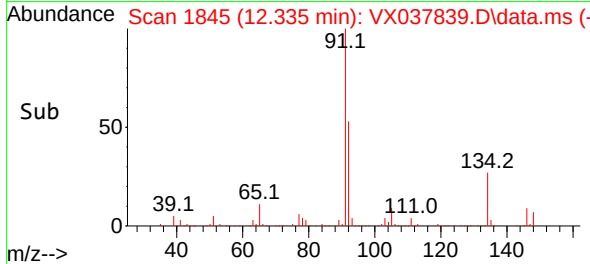
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



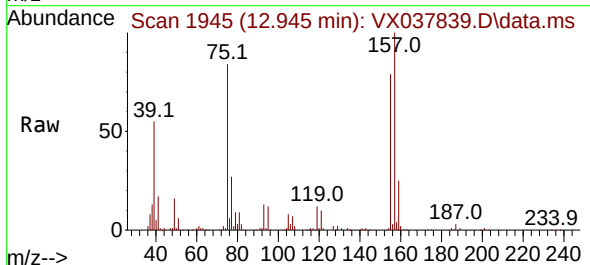
Tgt Ion:146 Resp: 323048
Ion Ratio Lower Upper
146 100
111 41.0 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

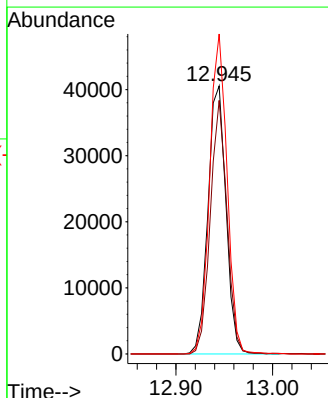
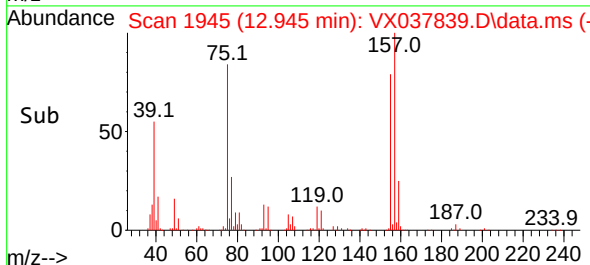
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

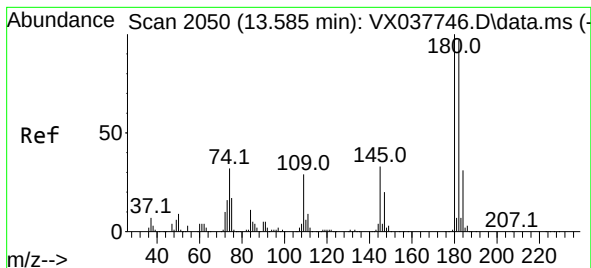


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.029 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12



Tgt Ion: 75 Resp: 52460
Ion Ratio Lower Upper
75 100
155 87.6 36.1 108.5
157 115.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.299 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

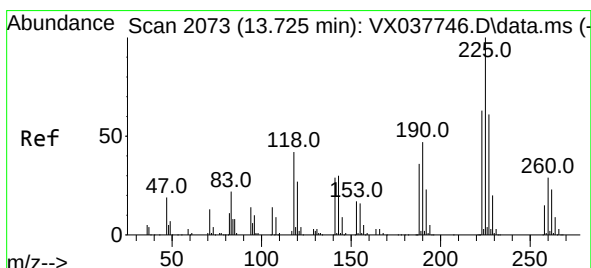
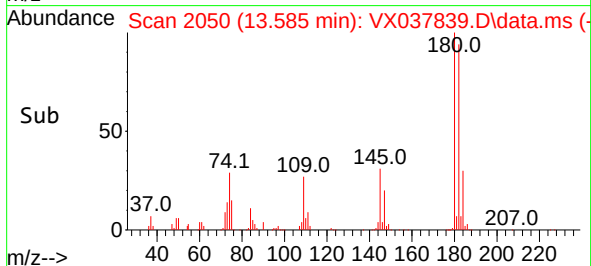
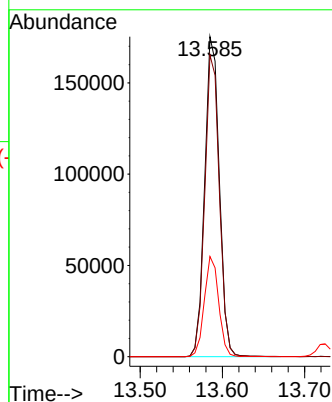
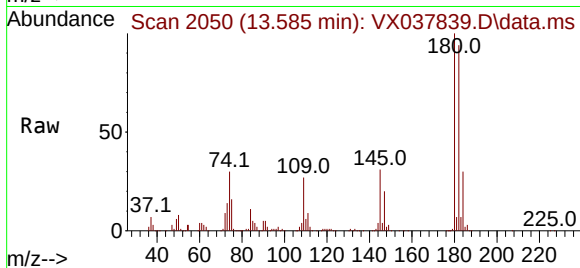
Tgt Ion:180	Resp: 216880
Ion Ratio	Lower Upper
180	100
182	94.2 48.3 144.8
145	30.8 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#94

Hexachlorobutadiene

Concen: 46.374 ug/l

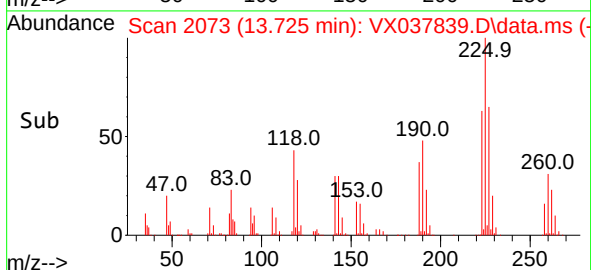
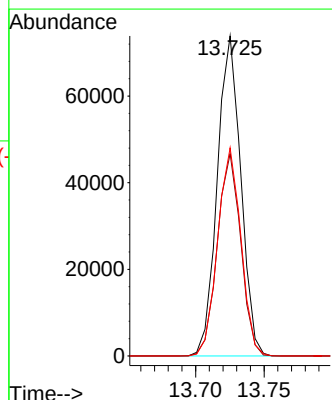
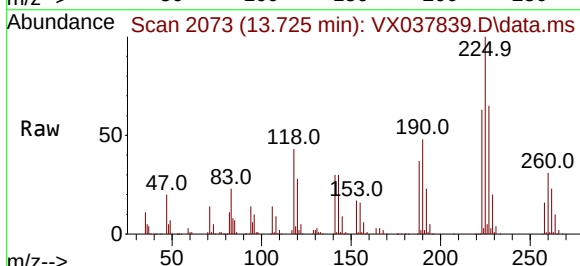
RT: 13.725 min Scan# 2073

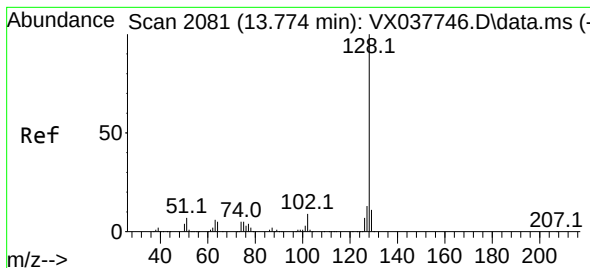
Delta R.T. -0.000 min

Lab File: VX037839.D

Acq: 20 Sep 2023 18:12

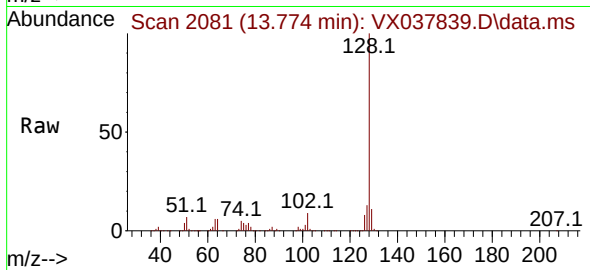
Tgt Ion:225	Resp: 88121
Ion Ratio	Lower Upper
225	100
223	62.7 31.1 93.2
227	64.3 32.5 97.5





#95
Naphthalene
Concen: 52.235 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

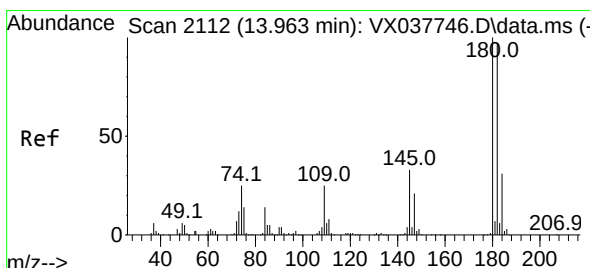
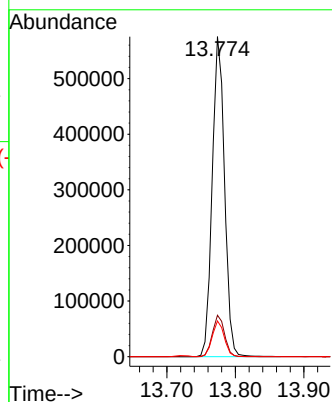
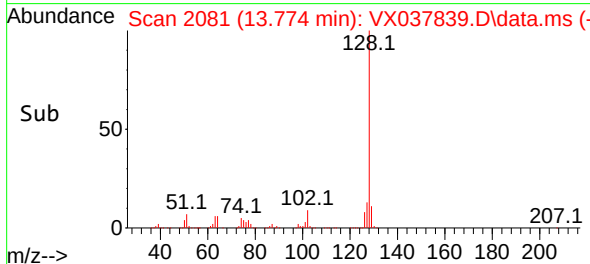
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 718834
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.605 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037839.D
Acq: 20 Sep 2023 18:12

Tgt Ion:180 Resp: 211907
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 33.3 17.8 53.5

