

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038769.D
 Acq On : 13 Nov 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 05:29:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	316086	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	477208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	460868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	267853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180326	45.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.640%		
35) Dibromofluoromethane	5.379	113	166722	48.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.647	98	588536	47.853	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	240069	50.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	163354	49.765	ug/l	98
3) Chloromethane	1.294	50	126355	44.535	ug/l	99
4) Vinyl Chloride	1.374	62	146721	48.577	ug/l	98
5) Bromomethane	1.599	94	112766	48.371	ug/l	99
6) Chloroethane	1.685	64	90121	47.124	ug/l	99
7) Trichlorofluoromethane	1.886	101	267416	51.355	ug/l	99
8) Diethyl Ether	2.130	74	84998	47.550	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	156698	50.894	ug/l	90
10) Methyl Iodide	2.453	142	208857	54.927	ug/l	93
11) Tert butyl alcohol	2.953	59	202503	251.728	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	144341	48.931	ug/l	# 79
13) Acrolein	2.233	56	162994	267.330	ug/l	100
14) Allyl chloride	2.660	41	199072	47.116	ug/l	# 94
15) Acrylonitrile	3.056	53	408081	240.370	ug/l	100
16) Acetone	2.374	43	518627	312.936	ug/l	90
17) Carbon Disulfide	2.508	76	360328	45.971	ug/l	99
18) Methyl Acetate	2.697	43	335474	47.513	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	467848	49.596	ug/l	94
20) Methylene Chloride	2.788	84	157346	47.097	ug/l	# 82
21) trans-1,2-Dichloroethene	3.087	96	156183	48.633	ug/l	84
22) Diisopropyl ether	3.751	45	388809	48.826	ug/l	# 92
23) Vinyl Acetate	3.715	43	1414644	250.284	ug/l	# 90
24) 1,1-Dichloroethane	3.605	63	254459	48.298	ug/l	97
25) 2-Butanone	4.544	43	616768	256.901	ug/l	# 85
26) 2,2-Dichloropropane	4.471	77	236515	51.416	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	182795	49.291	ug/l	84
28) Bromochloromethane	4.891	49	115753	48.889	ug/l	# 55
29) Tetrahydrofuran	4.989	42	353609	236.732	ug/l	# 81
30) Chloroform	5.086	83	294292	47.608	ug/l	97
31) Cyclohexane	5.464	56	209809	48.174	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	272294	50.054	ug/l	94
36) 1,1-Dichloropropene	5.690	75	208616	48.863	ug/l	94
37) Ethyl Acetate	4.702	43	208752	47.890	ug/l	# 93
38) Carbon Tetrachloride	5.672	117	246054	51.553	ug/l	98
39) Methylcyclohexane	7.379	83	265222	49.686	ug/l	89
40) Benzene	6.031	78	598140	48.641	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	107245	48.292	ug/l #	85
42) 1,2-Dichloroethane	6.080	62	221902	50.011	ug/l	96
43) Isopropyl Acetate	6.330	43	328170	48.970	ug/l #	91
44) Trichloroethene	7.123	130	192111	50.210	ug/l	93
45) 1,2-Dichloropropane	7.428	63	148199	49.853	ug/l	97
46) Dibromomethane	7.574	93	122175	49.144	ug/l #	84
47) Bromodichloromethane	7.818	83	233002	49.836	ug/l	97
48) Methyl methacrylate	7.690	41	161165	49.903	ug/l #	84
49) 1,4-Dioxane	7.653	88	71142	967.627	ug/l #	84
51) 4-Methyl-2-Pentanone	8.568	43	1085913	248.707	ug/l	92
52) Toluene	8.714	92	410263	50.929	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	251757	52.891	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	261778	52.096	ug/l #	87
55) 1,1,2-Trichloroethane	9.147	97	174433	51.034	ug/l	96
56) Ethyl methacrylate	9.110	69	255779	53.486	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	268077	50.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	589657	250.785	ug/l	90
59) 2-Hexanone	9.427	43	899333	254.560	ug/l	89
60) Dibromochloromethane	9.519	129	203521	53.043	ug/l	100
61) 1,2-Dibromoethane	9.604	107	195819	50.976	ug/l	99
64) Tetrachloroethene	9.269	164	170332	49.375	ug/l	97
65) Chlorobenzene	10.079	112	482617	51.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	184823	52.405	ug/l	99
67) Ethyl Benzene	10.189	91	814686	51.336	ug/l	99
68) m/p-Xylenes	10.299	106	648285	102.929	ug/l	96
69) o-Xylene	10.640	106	314094	51.281	ug/l	97
70) Styrene	10.653	104	531689	52.597	ug/l	95
71) Bromoform	10.799	173	164876	52.965	ug/l #	98
73) Isopropylbenzene	10.957	105	838143	51.005	ug/l	97
74) N-amyl acetate	10.842	43	286996	50.265	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.207	83	278690	49.057	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	239585m	45.164	ug/l	
77) Bromobenzene	11.195	156	226844	50.299	ug/l	81
78) n-propylbenzene	11.305	91	971641	50.812	ug/l	96
79) 2-Chlorotoluene	11.360	91	576035	50.315	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	734028	51.901	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	86044	50.667	ug/l	84
82) 4-Chlorotoluene	11.451	91	686721	51.345	ug/l	93
83) tert-Butylbenzene	11.713	119	742991	51.846	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	727439	51.859	ug/l	94
85) sec-Butylbenzene	11.890	105	906949	50.720	ug/l	96
86) p-Isopropyltoluene	12.006	119	802567	52.687	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	436286	50.599	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	444072	50.106	ug/l	97
89) n-Butylbenzene	12.329	91	694448	51.230	ug/l	96
90) Hexachloroethane	12.536	117	138367	53.626	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	421658	50.074	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	71735	50.242	ug/l	68
93) 1,2,4-Trichlorobenzene	13.585	180	308612	51.240	ug/l	96
94) Hexachlorobutadiene	13.725	225	133814	51.488	ug/l	99
95) Naphthalene	13.774	128	930861	51.237	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	296580	49.958	ug/l	97

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ClientSampleId :
VSTDCCC050

Manual Integrations
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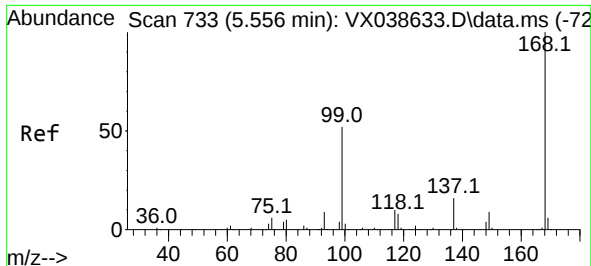
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QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

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

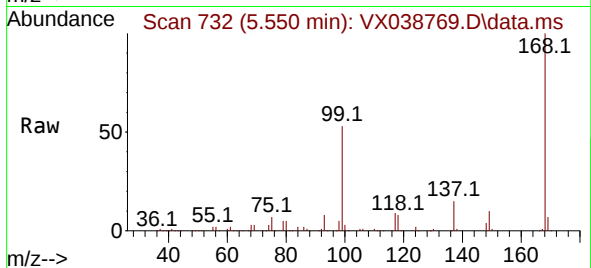
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Page: 4



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

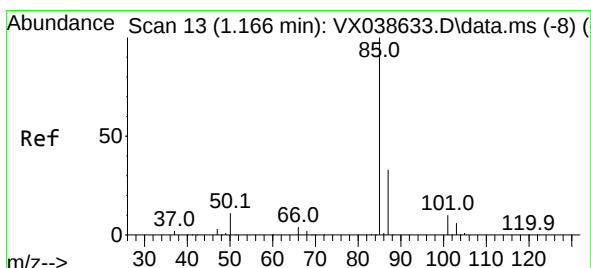
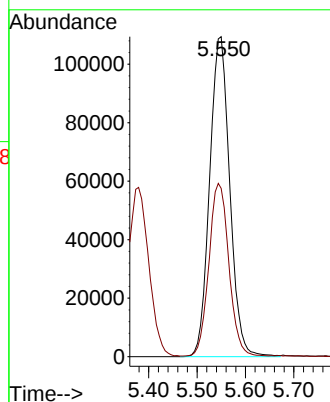
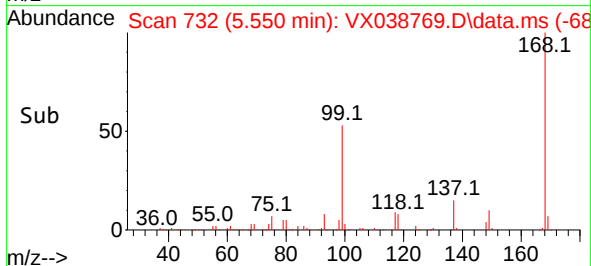
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 316080
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0

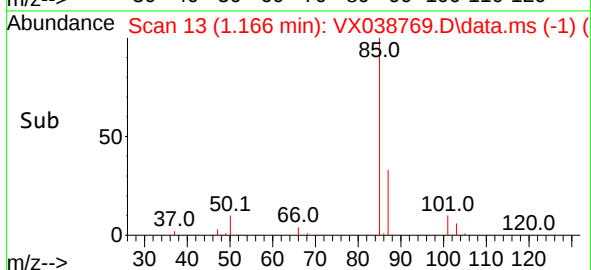
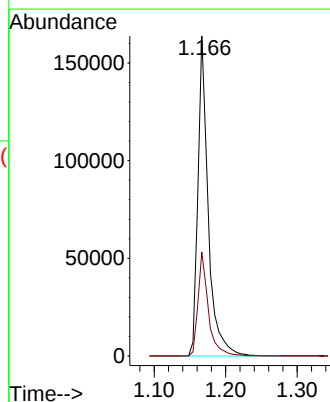
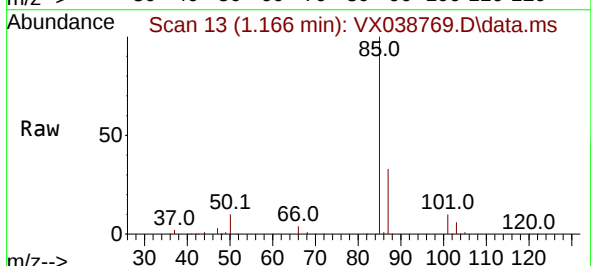
Manual Integrations
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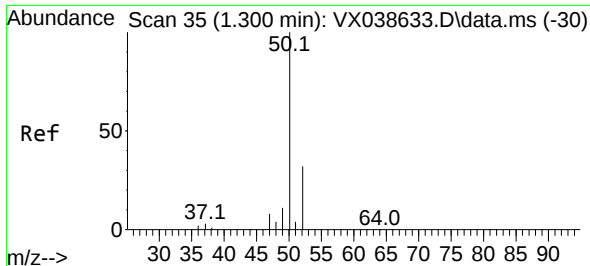
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#2
Dichlorodifluoromethane
Concen: 49.765 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 85 Resp: 163354
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





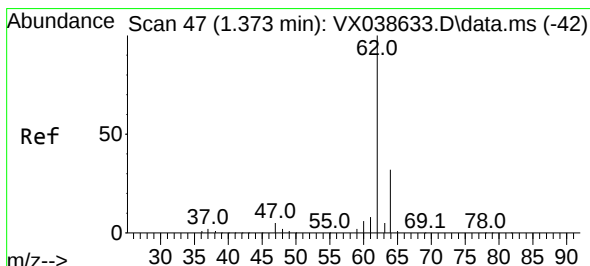
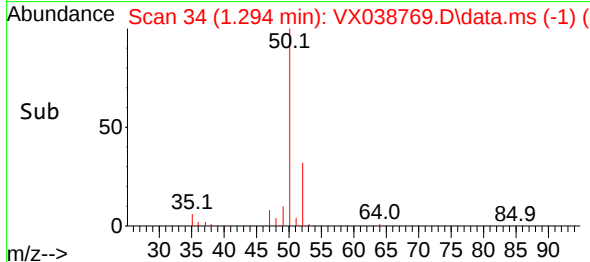
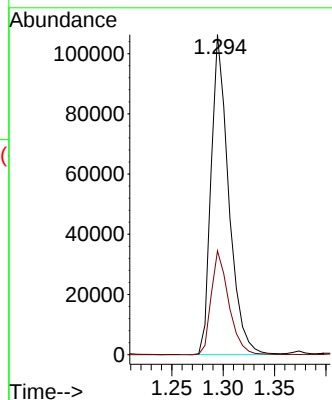
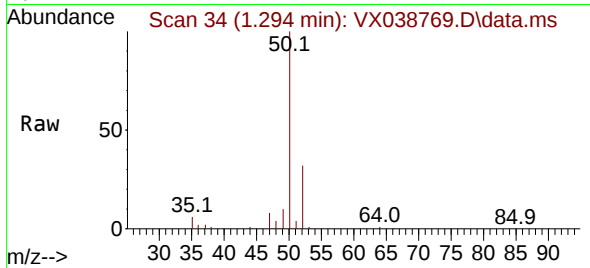
#3
Chloromethane
Concen: 44.535 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 12635
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

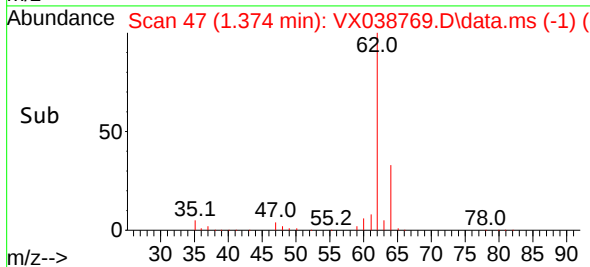
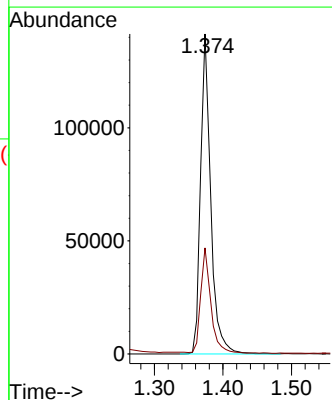
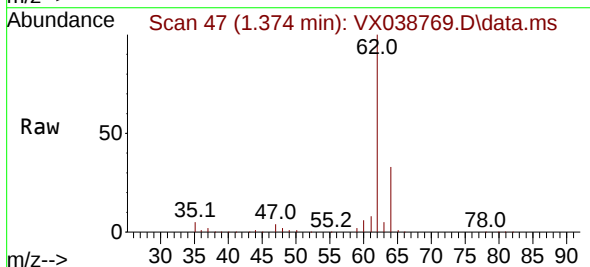
Manual Integrations
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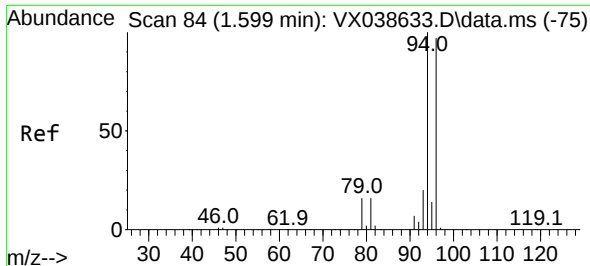
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#4
Vinyl Chloride
Concen: 48.577 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 62 Resp: 146721
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





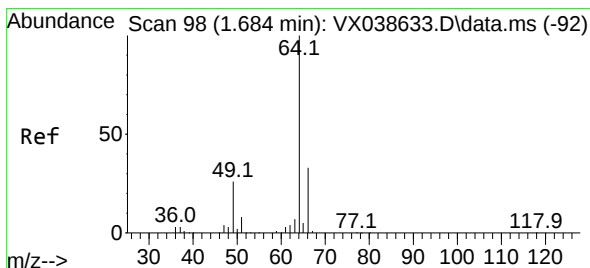
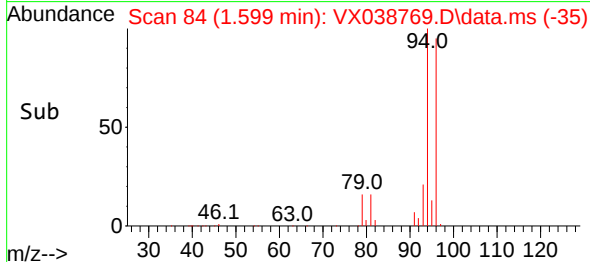
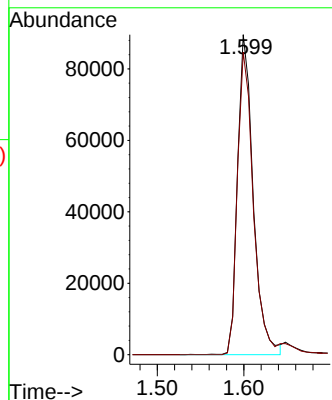
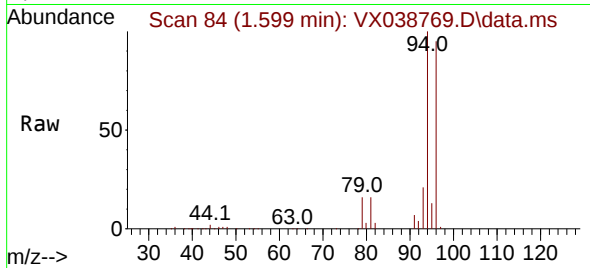
#5
Bromomethane
Concen: 48.371 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 112760
Ion Ratio Lower Upper
94 100
96 94.6 74.6 111.8

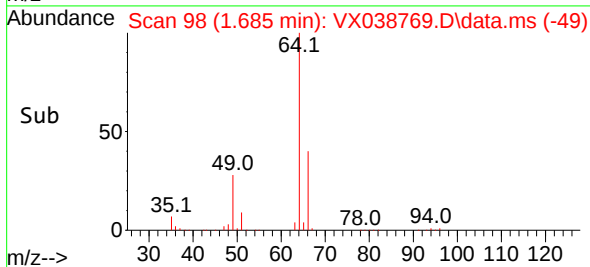
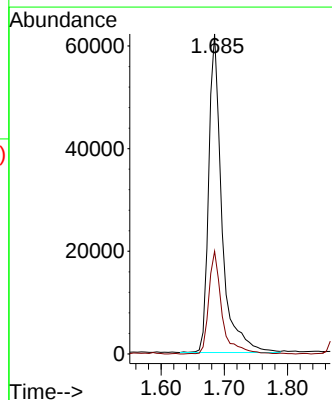
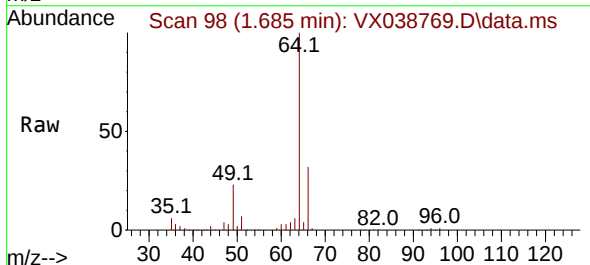
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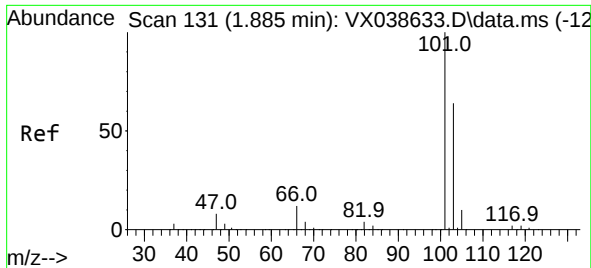
Reviewed By :John Carlone 11/14/2023
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#6
Chloroethane
Concen: 47.124 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 64 Resp: 90121
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





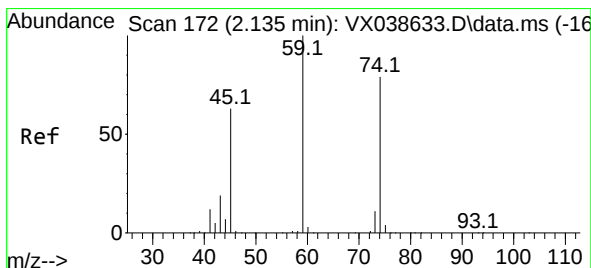
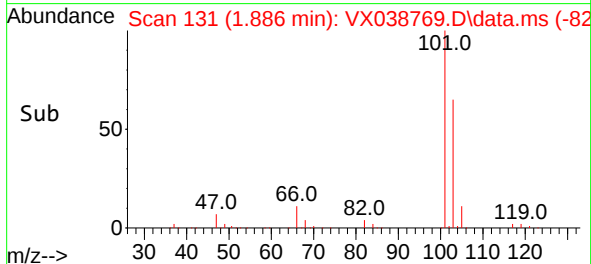
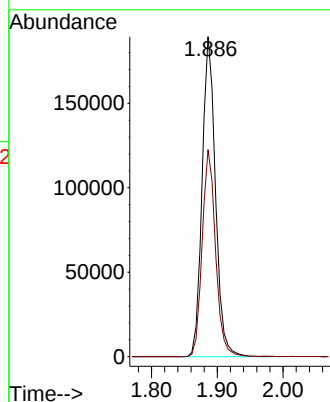
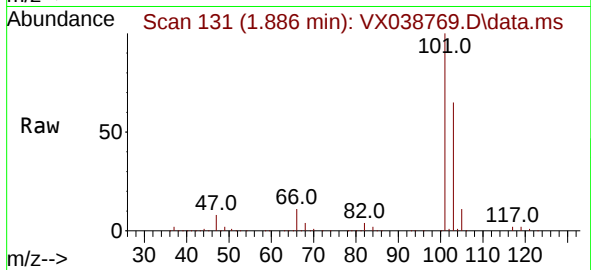
#7
Trichlorofluoromethane
Concen: 51.355 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 267410
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

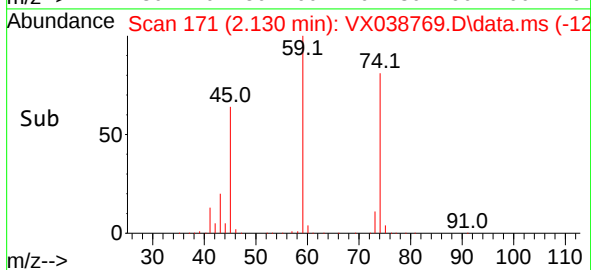
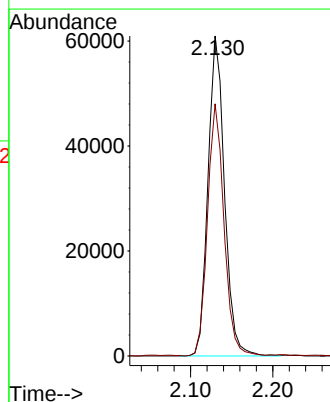
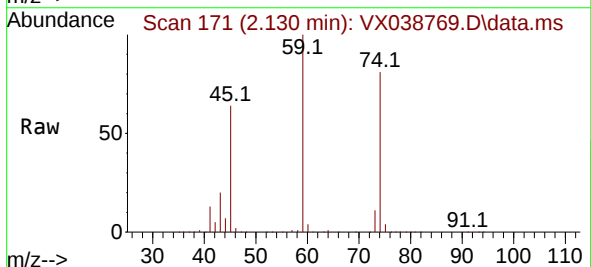
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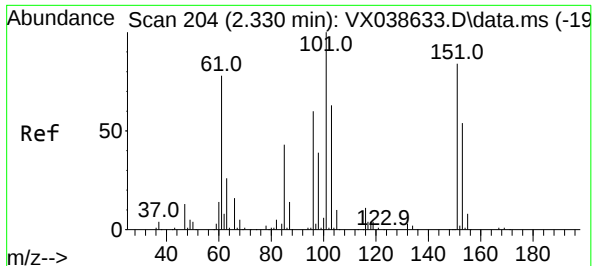
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#8
Diethyl Ether
Concen: 47.550 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 74 Resp: 84998
Ion Ratio Lower Upper
74 100
45 78.9 53.3 159.8





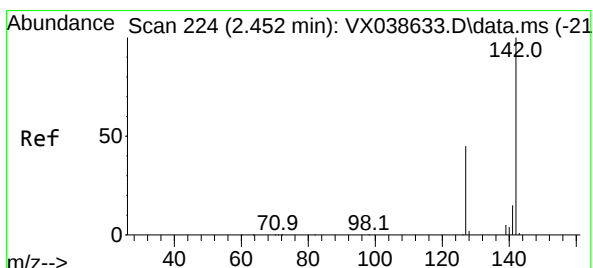
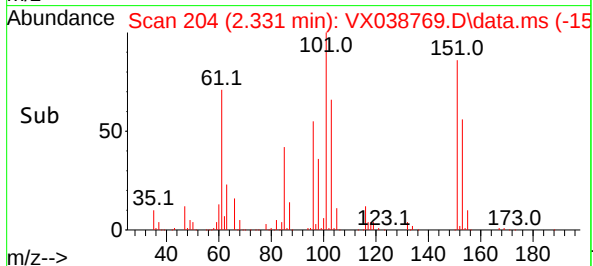
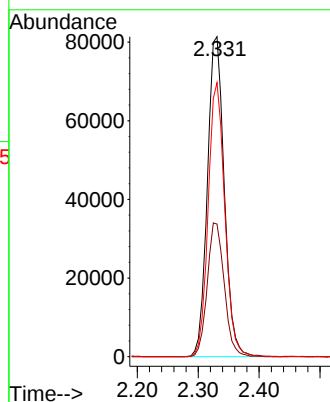
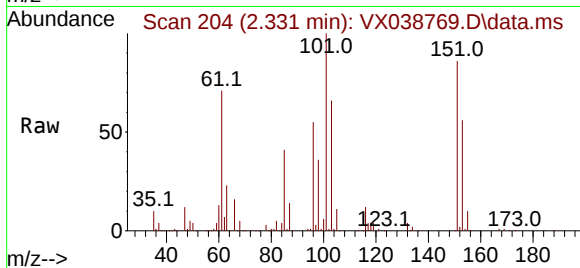
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.894 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 156698
Ion Ratio Lower Upper
101 100
85 42.1 37.0 55.6
151 84.2 58.6 87.8

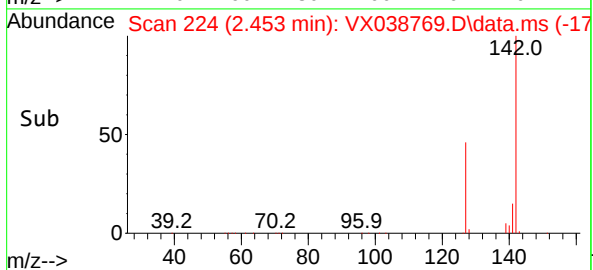
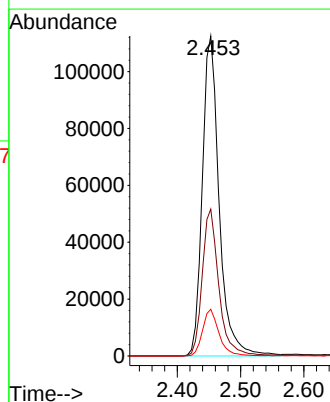
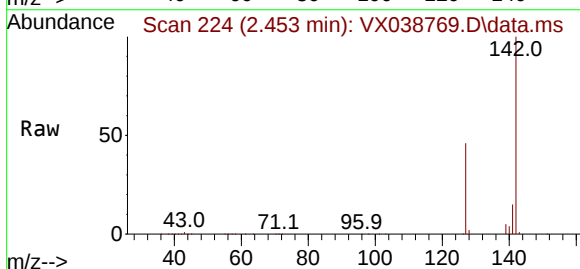
Manual Integrations
APPROVED

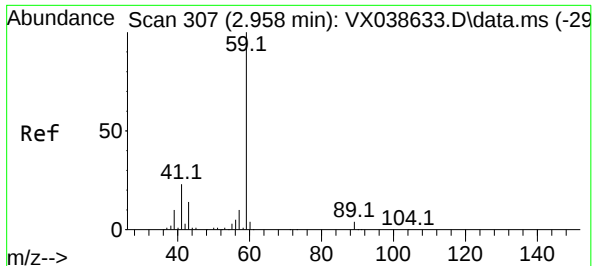
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#10
Methyl Iodide
Concen: 54.927 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion:142 Resp: 208857
Ion Ratio Lower Upper
142 100
127 45.5 41.6 62.4
141 14.3 11.6 17.4





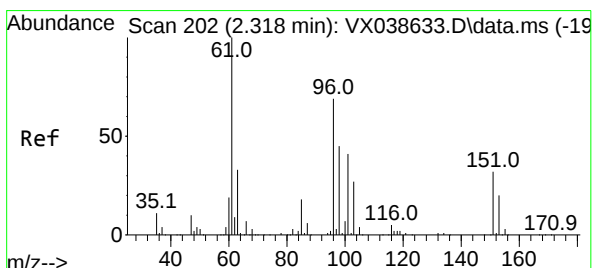
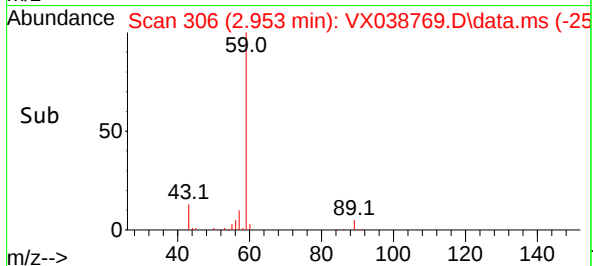
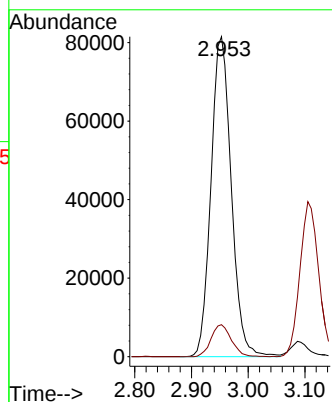
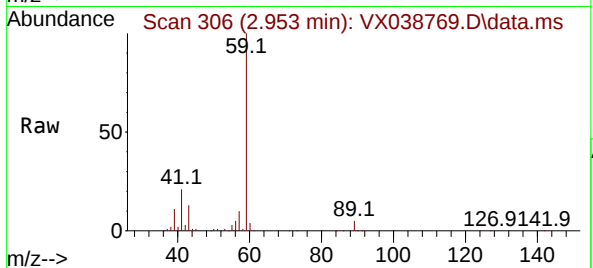
#11
Tert butyl alcohol
Concen: 251.728 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 20250
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

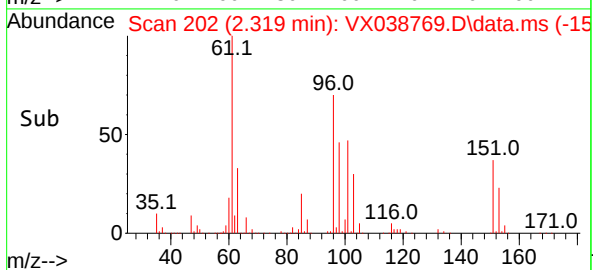
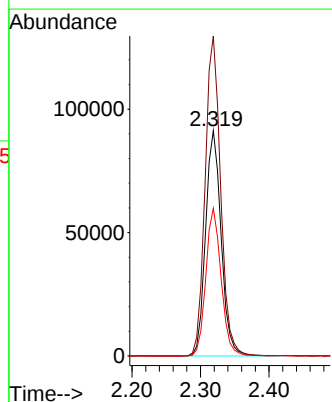
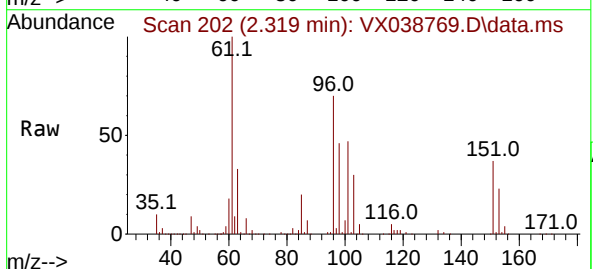
Manual Integrations
APPROVED

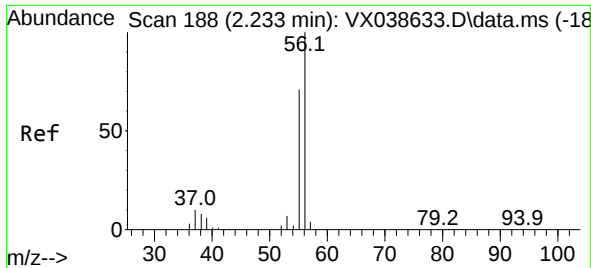
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#12
1,1-Dichloroethene
Concen: 48.931 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 96 Resp: 144341
Ion Ratio Lower Upper
96 100
61 142.1 144.6 216.8#
98 65.6 50.4 75.6





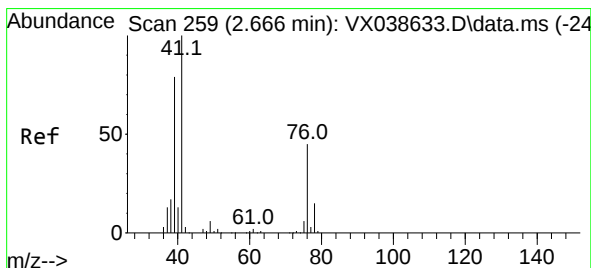
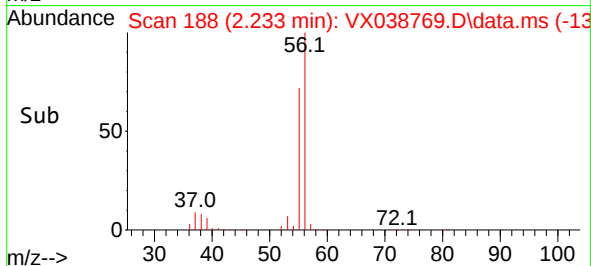
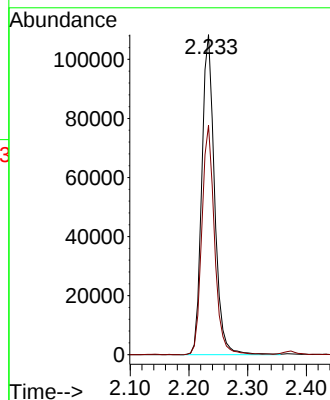
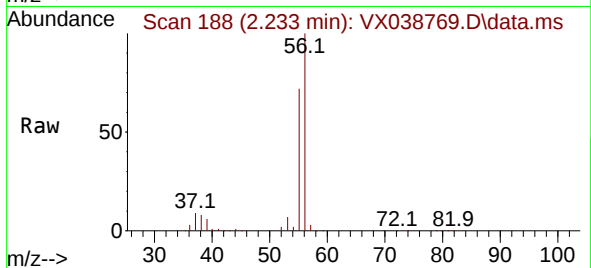
#13
Acrolein
Concen: 267.330 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 162994
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

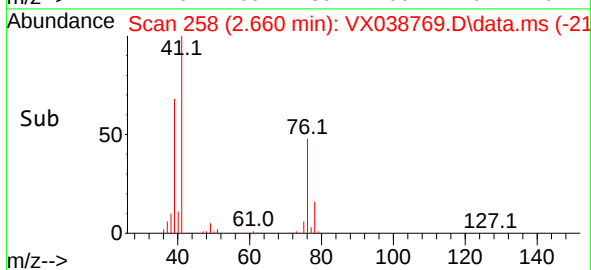
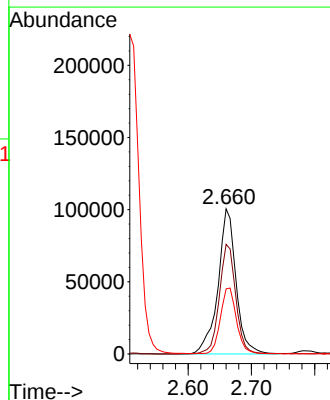
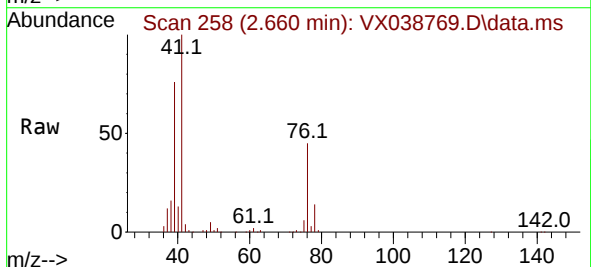
Manual Integrations
APPROVED

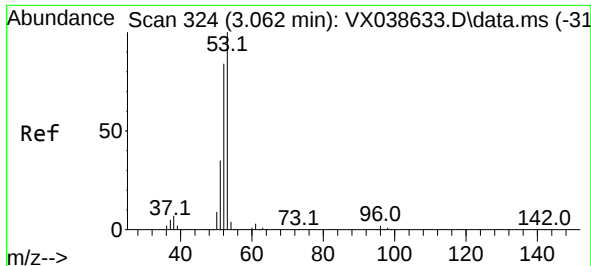
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 47.116 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 41 Resp: 199072
Ion Ratio Lower Upper
41 100
39 68.9 55.8 83.6
76 40.2 24.3 36.5





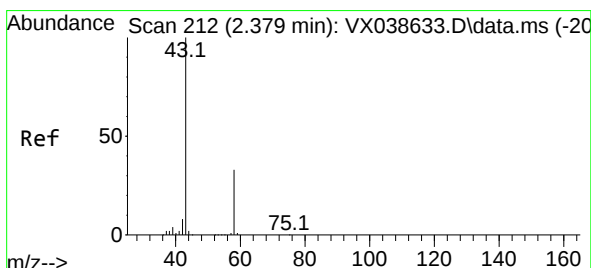
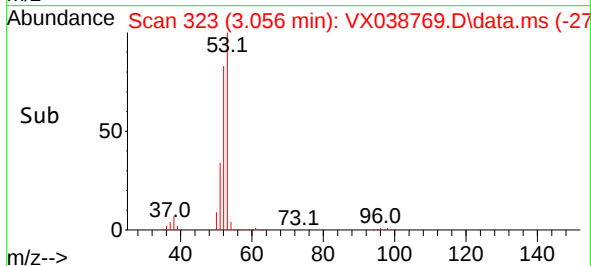
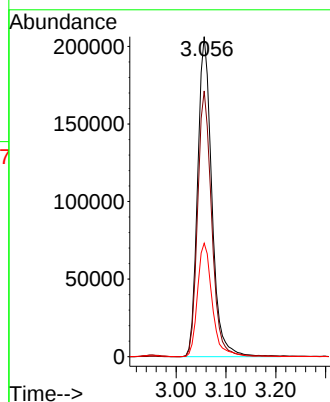
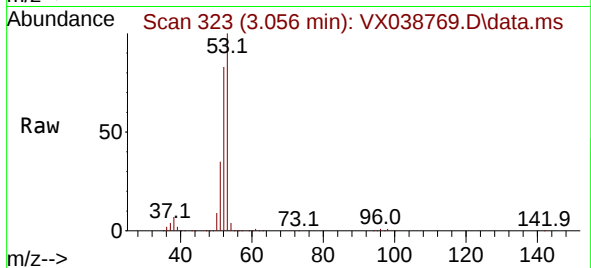
#15
Acrylonitrile
Concen: 240.370 ug/l
RT: 3.056 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 40808
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 36.9 29.8 44.6

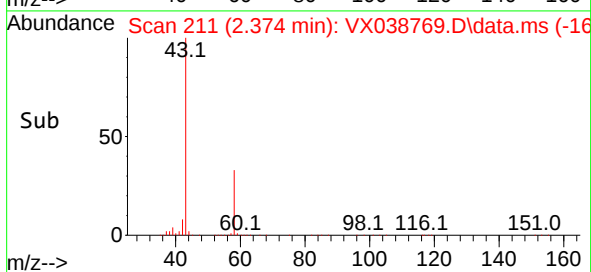
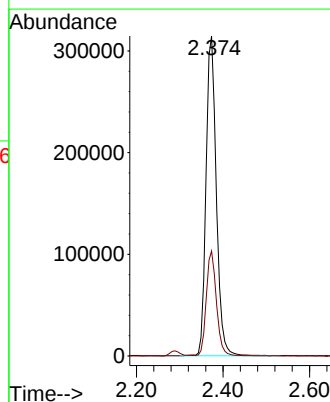
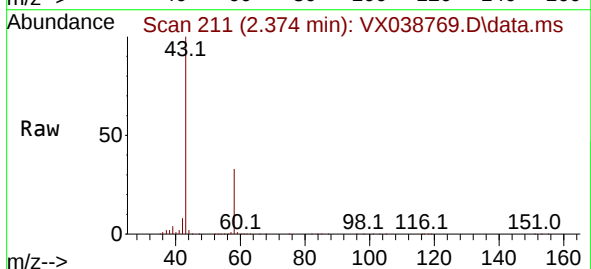
Manual Integrations
APPROVED

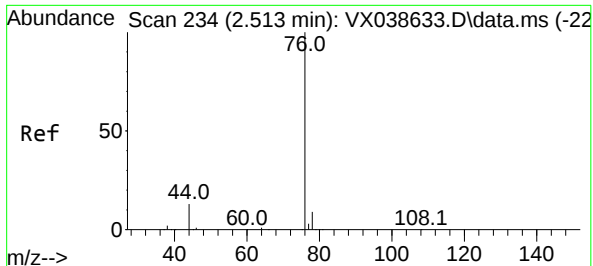
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 312.936 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 43 Resp: 518627
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9





#17

Carbon Disulfide

Concen: 45.971 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 360328

Ion Ratio Lower Upper

76 100

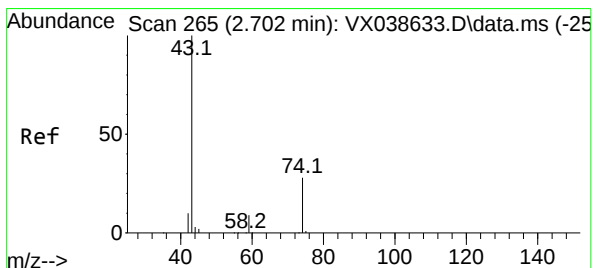
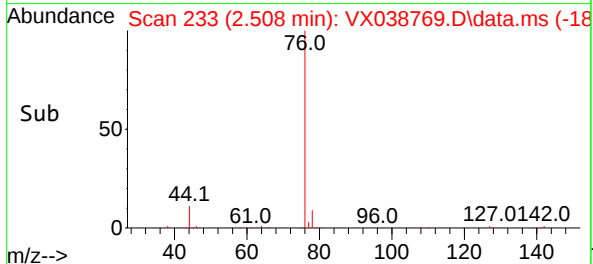
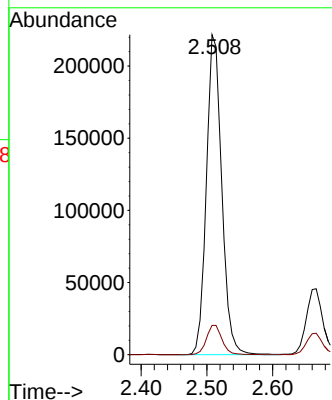
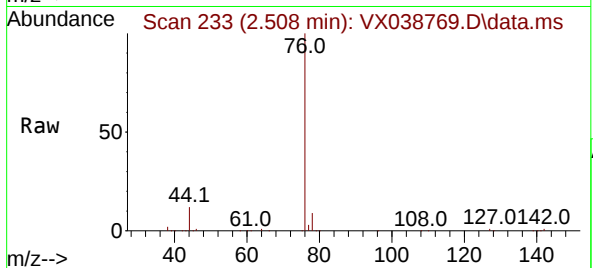
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#18

Methyl Acetate

Concen: 47.513 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX038769.D

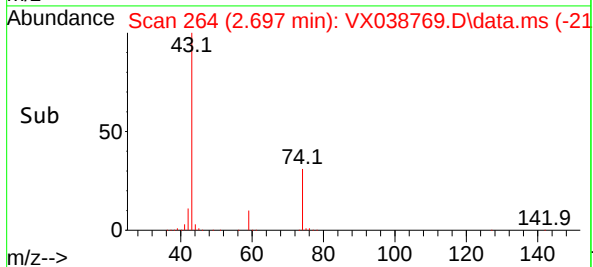
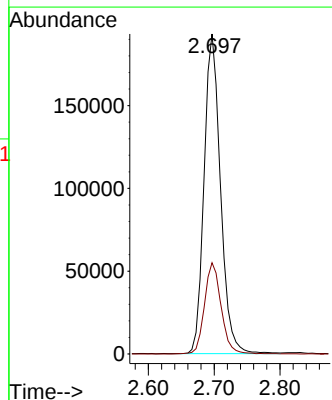
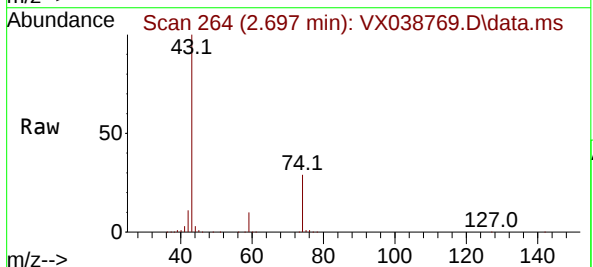
Acq: 13 Nov 2023 10:26

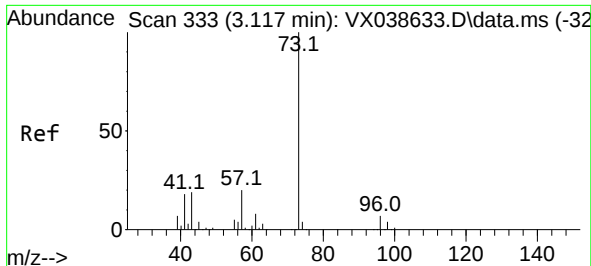
Tgt Ion: 43 Resp: 335474

Ion Ratio Lower Upper

43 100

74 28.9 17.8 26.8#





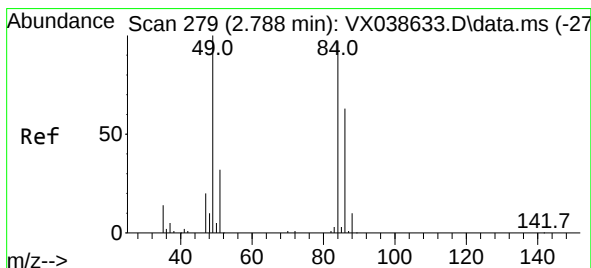
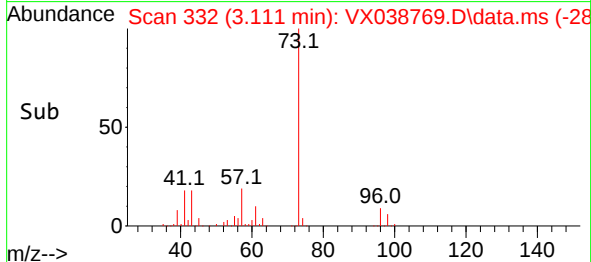
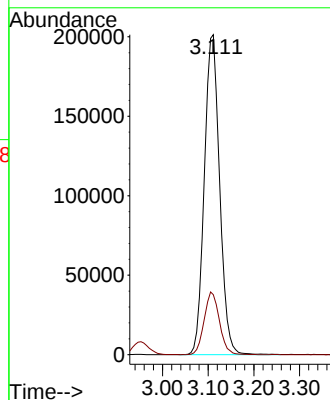
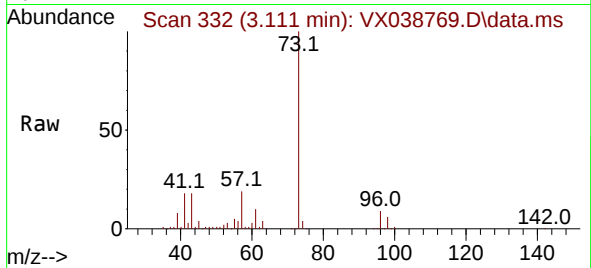
#19
Methyl tert-butyl Ether
Concen: 49.596 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 467848
Ion Ratio Lower Upper
73 100
57 18.7 17.3 25.9

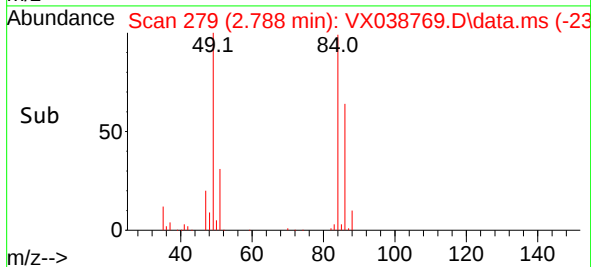
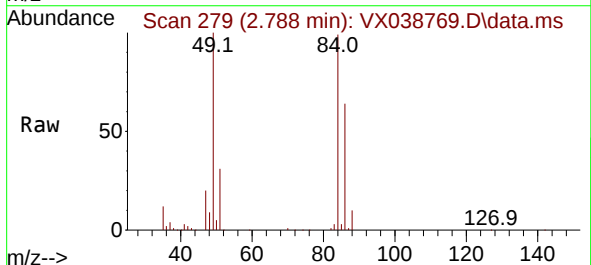
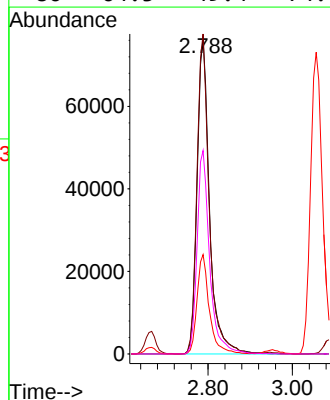
Manual Integrations
APPROVED

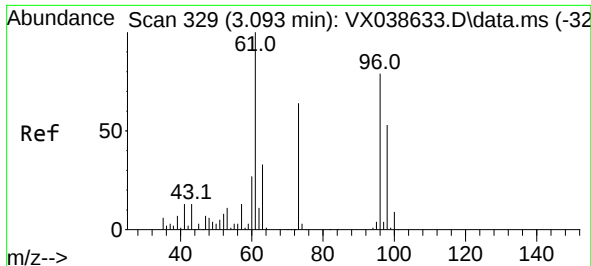
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 47.097 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

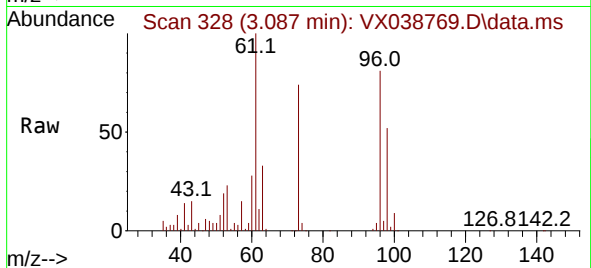
Tgt Ion: 84 Resp: 157346
Ion Ratio Lower Upper
84 100
49 101.1 103.6 155.4#
51 31.4 33.8 50.6#
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.633 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

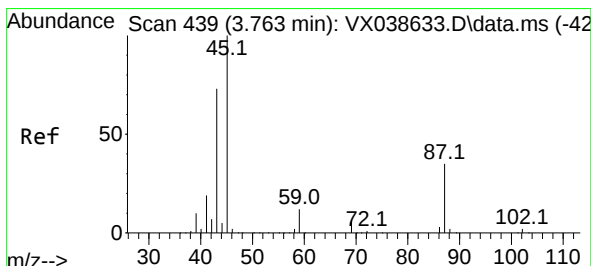
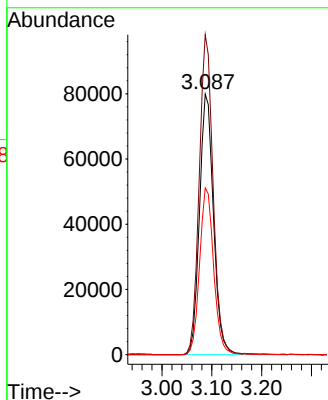
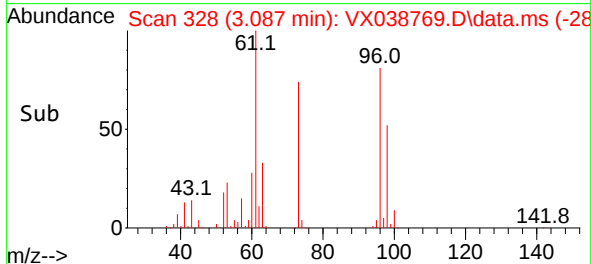
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 15618
Ion Ratio Lower Upper
96 100
61 122.7 119.2 178.8
98 63.9 48.7 73.1

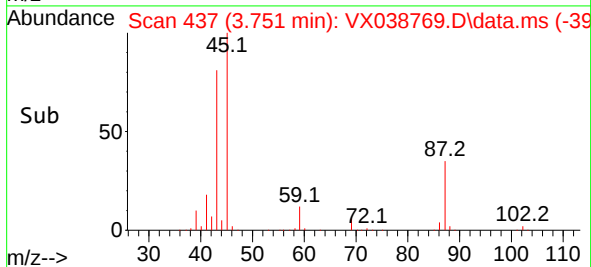
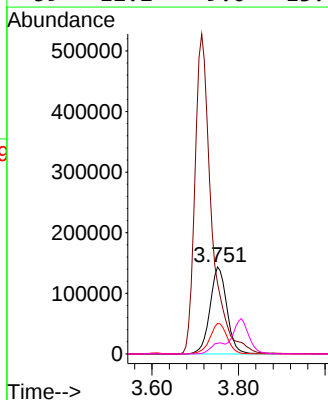
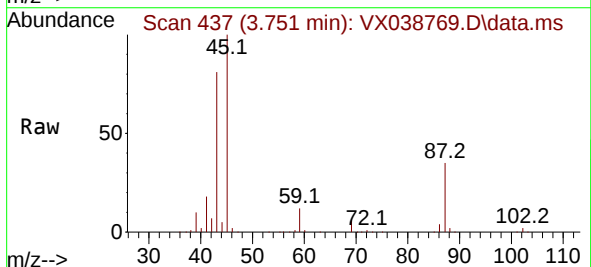
Manual Integrations
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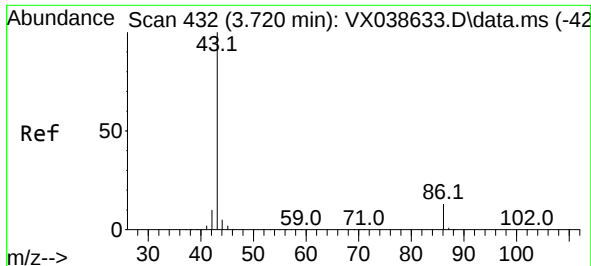
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#22
Diisopropyl ether
Concen: 48.826 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

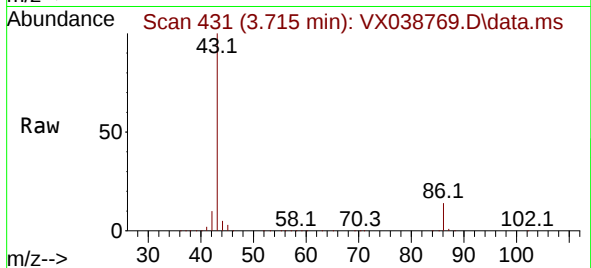
Tgt Ion: 45 Resp: 388809
Ion Ratio Lower Upper
45 100
43 81.3 69.7 104.5
87 35.1 20.8 31.2#
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 250.284 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038769.D
 Acq: 13 Nov 2023 10:26

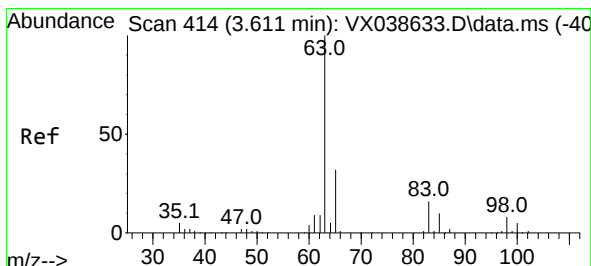
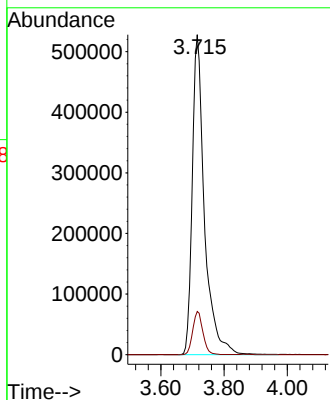
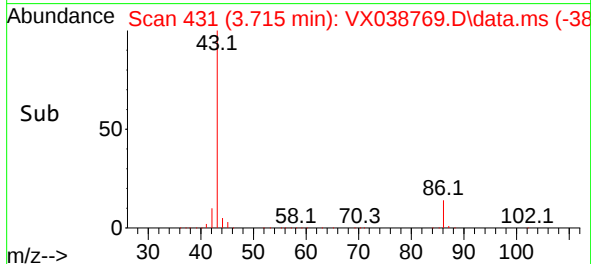
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



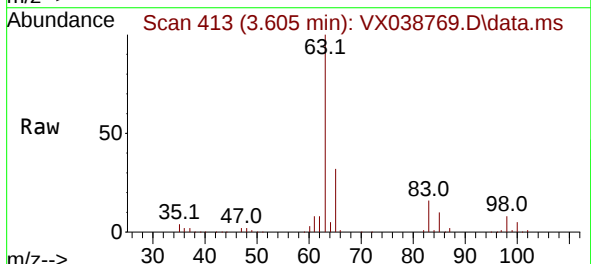
Tgt Ion: 43 Resp: 141464
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.8 11.8

Manual Integrations
 APPROVED

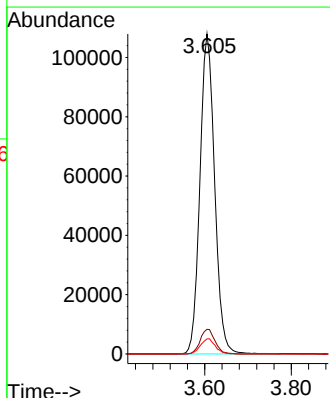
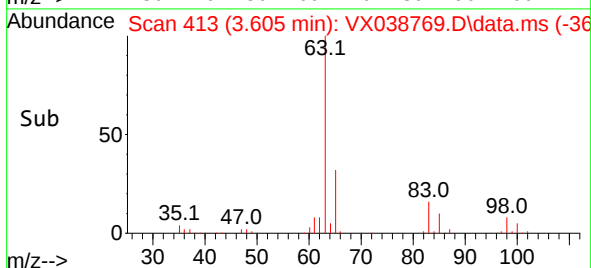
Reviewed By :John Carlone 11/14/2023
 Supervised By :Mahesh Dadoda 11/15/2023

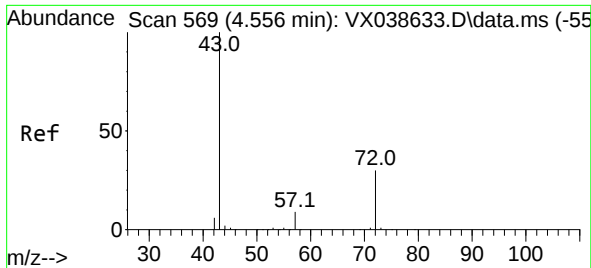


#24
 1,1-Dichloroethane
 Concen: 48.298 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038769.D
 Acq: 13 Nov 2023 10:26



Tgt Ion: 63 Resp: 254459
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.7 2.1 6.5





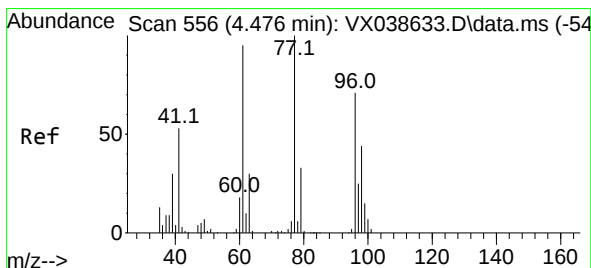
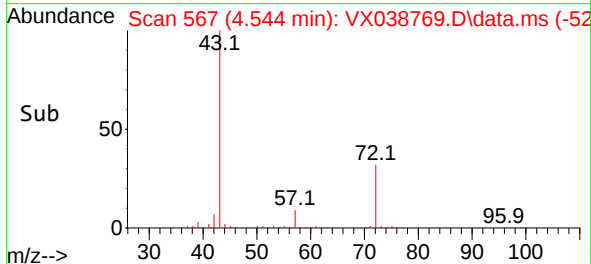
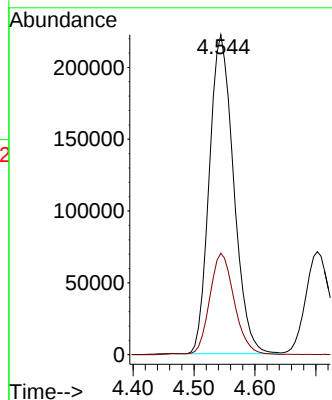
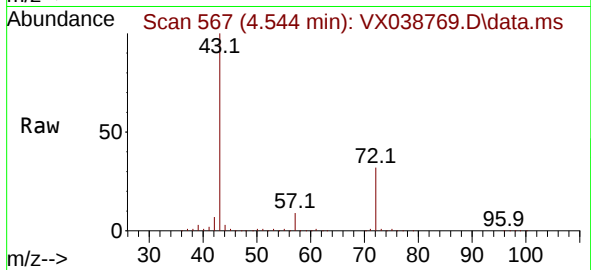
#25
2-Butanone
Concen: 256.901 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 616768
Ion Ratio Lower Upper
43 100
72 31.7 19.4 29.2

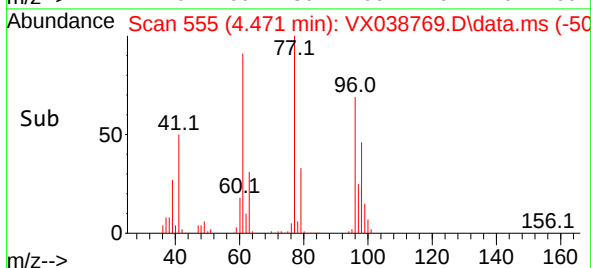
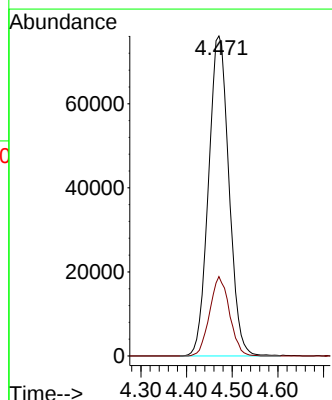
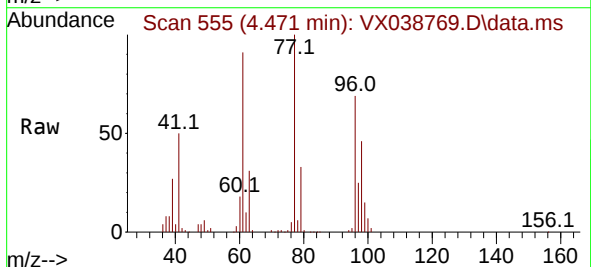
Manual Integrations
APPROVED

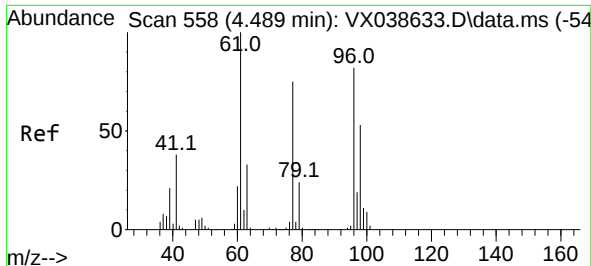
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 51.416 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 77 Resp: 236515
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.291 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 18279

Ion Ratio Lower Upper

96 100

61 127.5 0.0 312.2

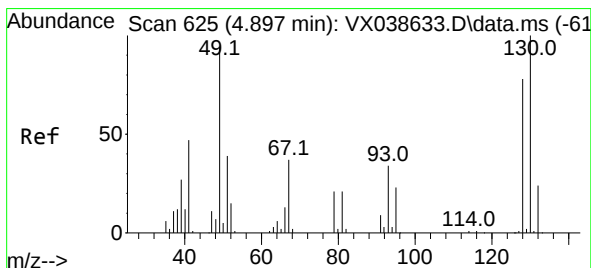
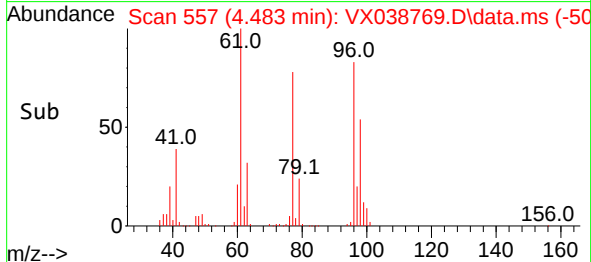
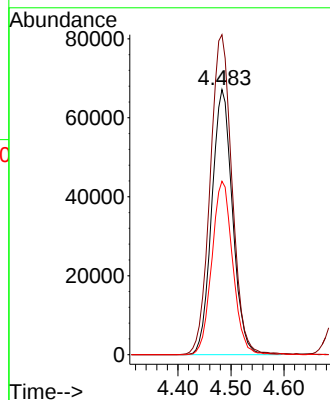
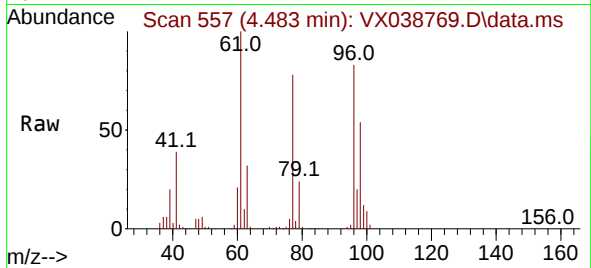
98 65.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#28

Bromochloromethane

Concen: 48.889 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

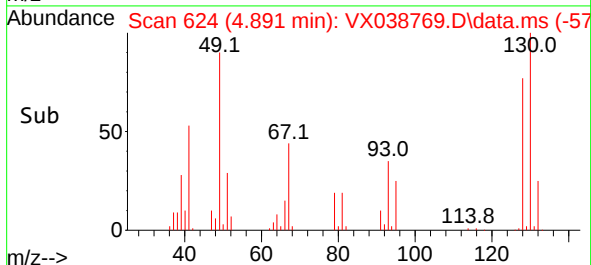
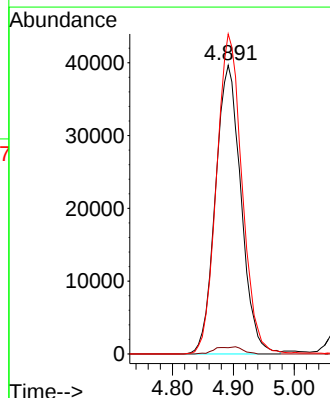
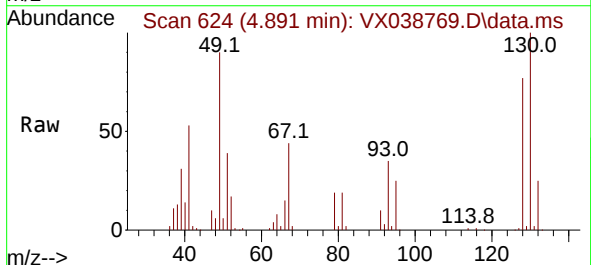
Tgt Ion: 49 Resp: 115753

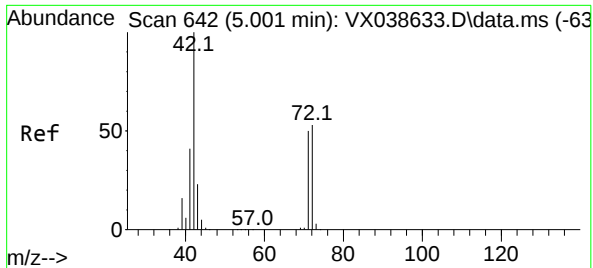
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 110.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 236.732 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 353609

Ion Ratio Lower Upper

42 100

72 55.0 34.2 51.4

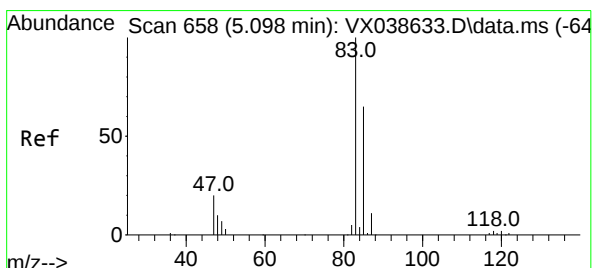
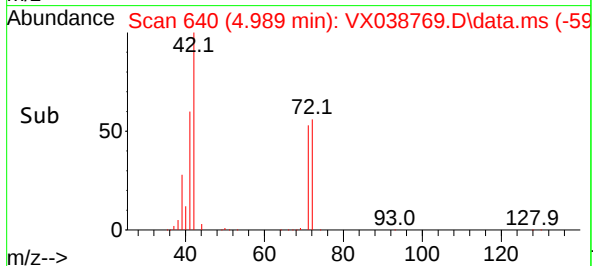
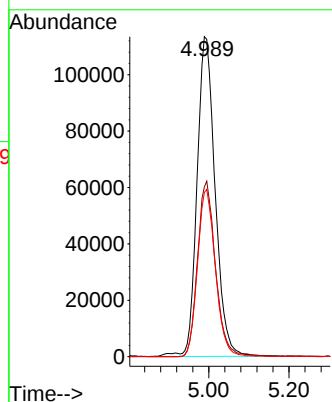
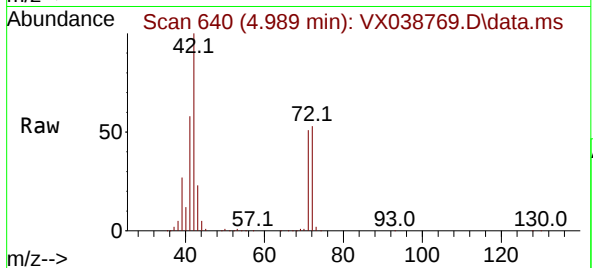
71 51.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 47.608 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX038769.D

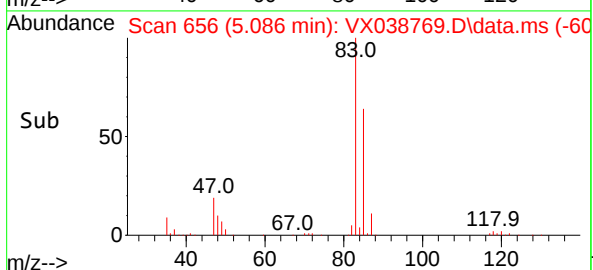
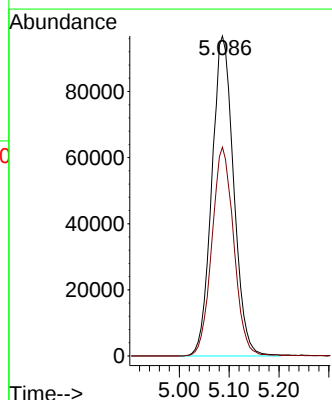
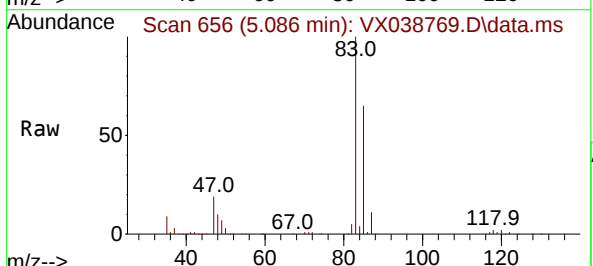
Acq: 13 Nov 2023 10:26

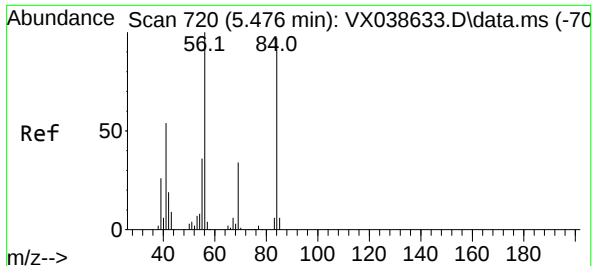
Tgt Ion: 83 Resp: 294292

Ion Ratio Lower Upper

83 100

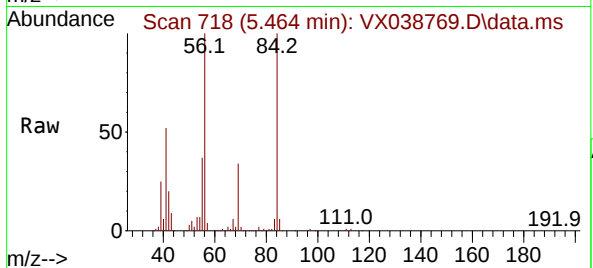
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 48.174 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

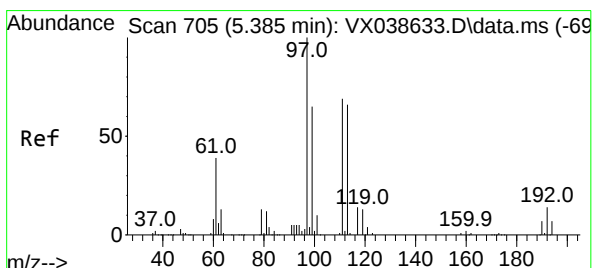
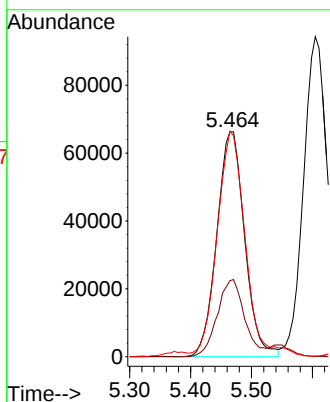
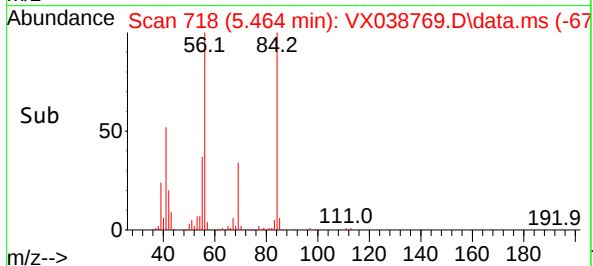
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 209809
Ion Ratio Lower Upper
56 100
69 33.8 23.4 35.2
84 98.4 65.9 98.9

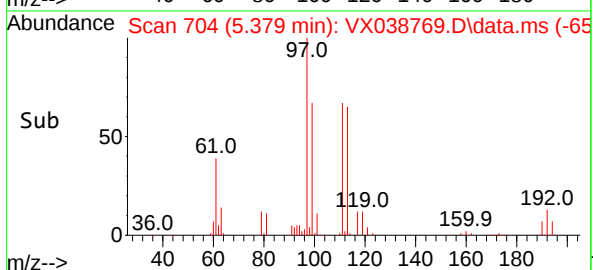
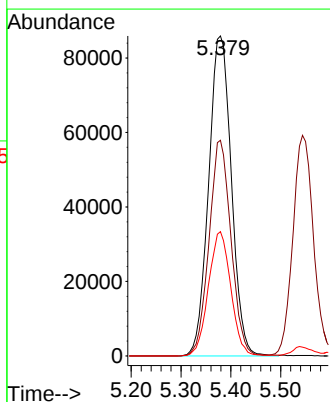
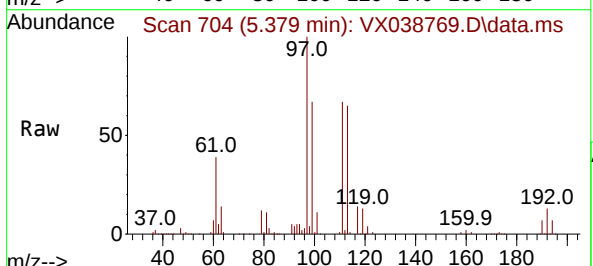
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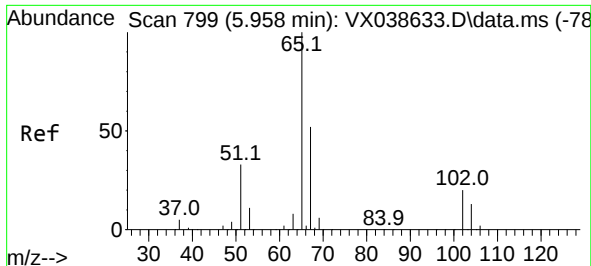
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 50.054 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 97 Resp: 272294
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 38.2 36.4 54.6





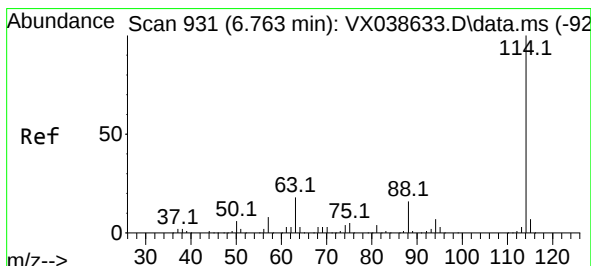
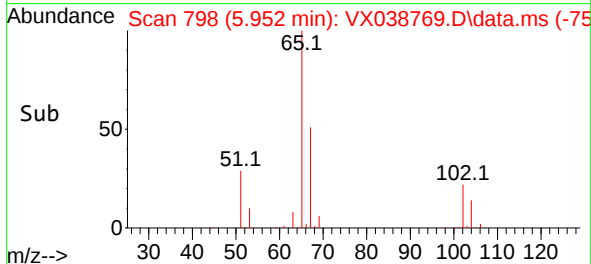
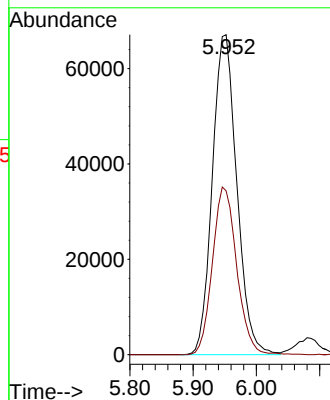
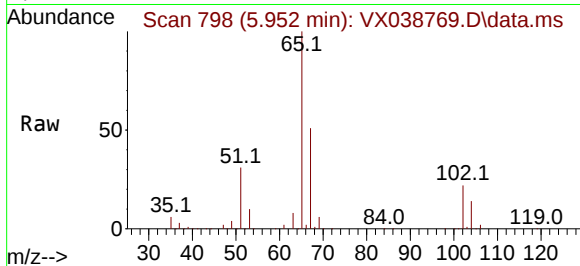
#33
1,2-Dichloroethane-d4
Concen: 45.824 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 180320
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

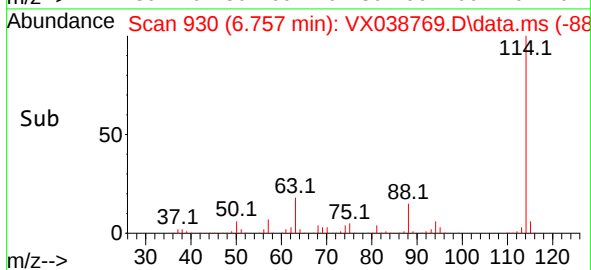
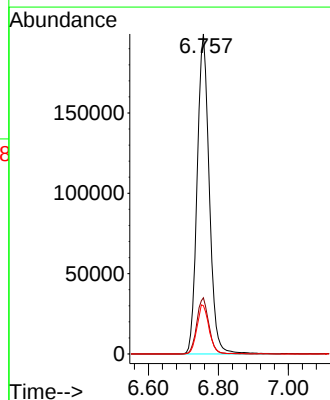
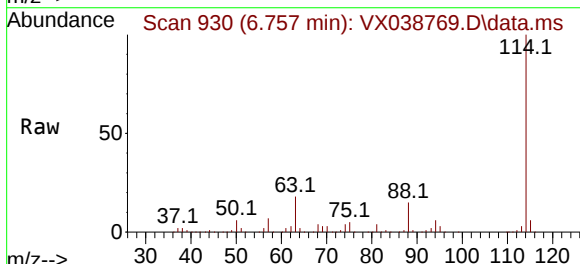
Manual Integrations
APPROVED

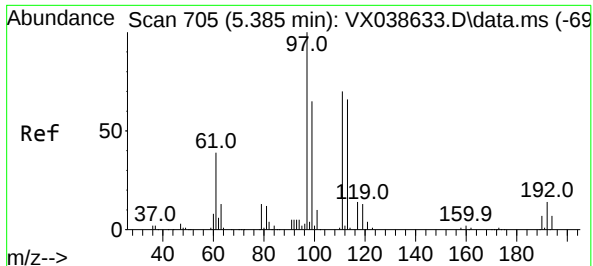
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion:114 Resp: 477208
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.508 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038769.D

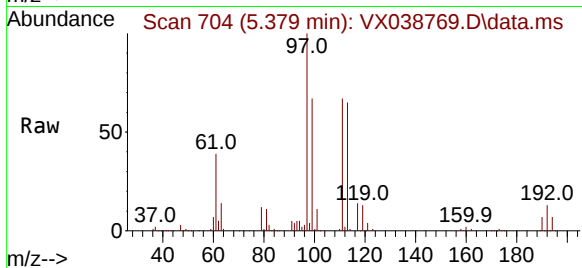
Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 16672

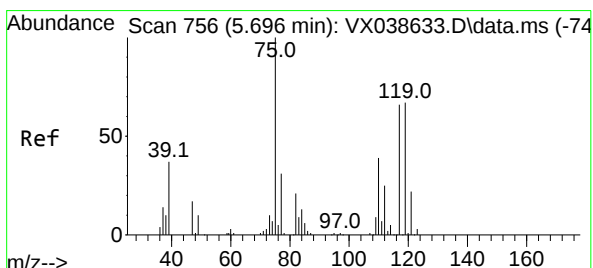
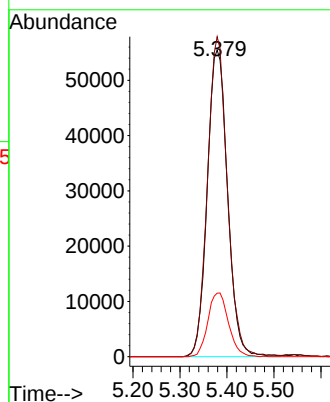
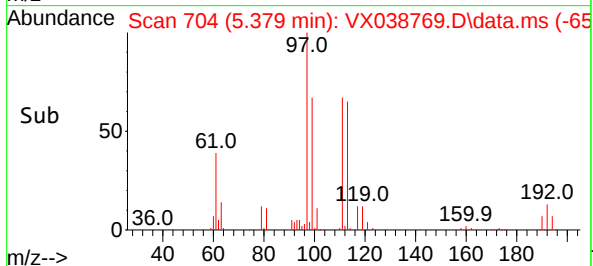
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	21.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#36

1,1-Dichloropropene

Concen: 48.863 ug/l

RT: 5.690 min Scan# 755

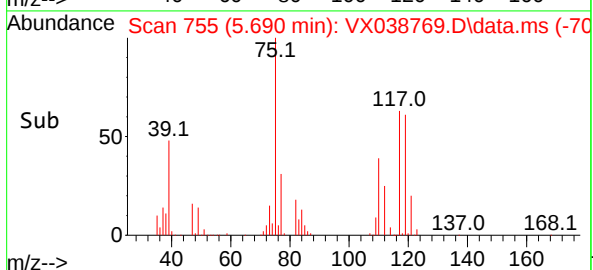
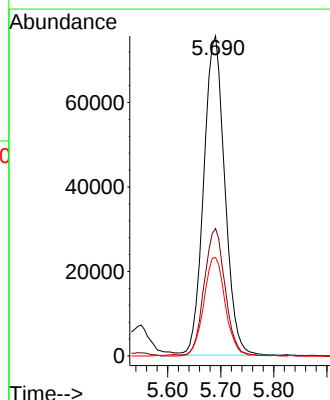
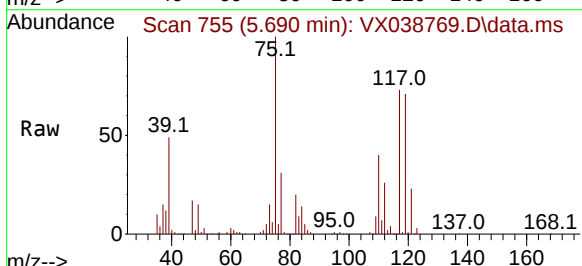
Delta R.T. -0.006 min

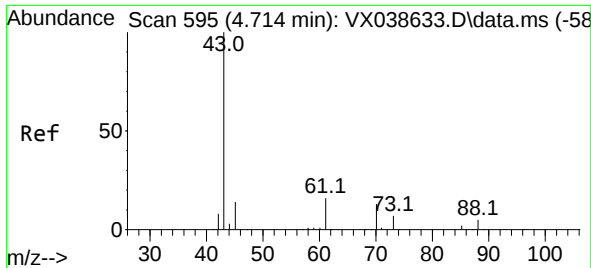
Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Tgt Ion: 75 Resp: 208616

Ion	Ratio	Lower	Upper
75	100		
110	39.7	17.0	50.9
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 47.890 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 208752

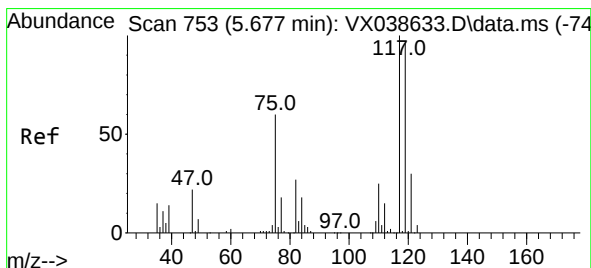
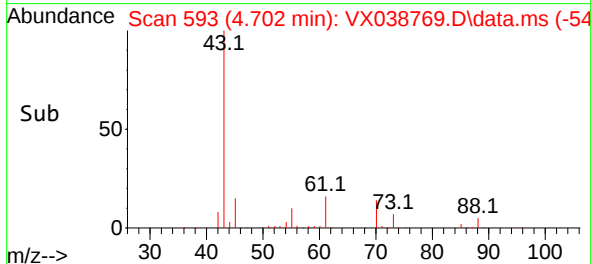
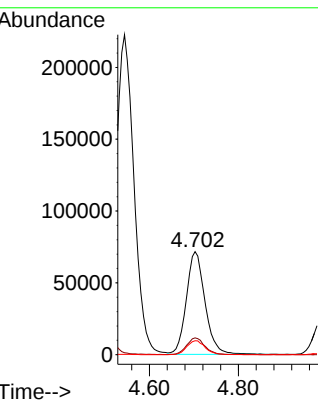
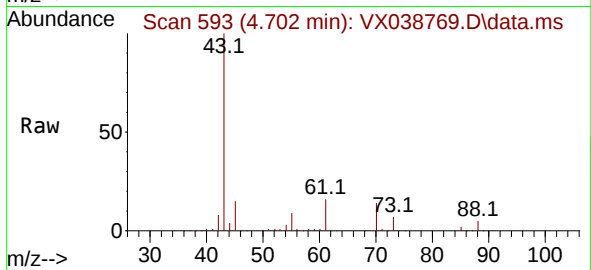
Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.6	16.0
70	13.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#38

Carbon Tetrachloride

Concen: 51.553 ug/l

RT: 5.672 min Scan# 752

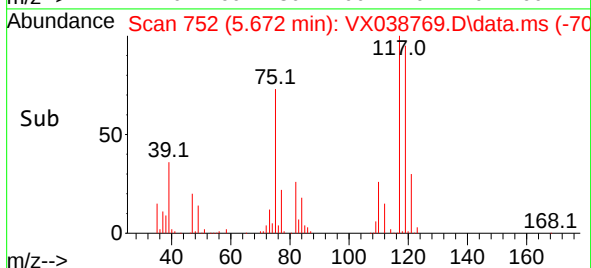
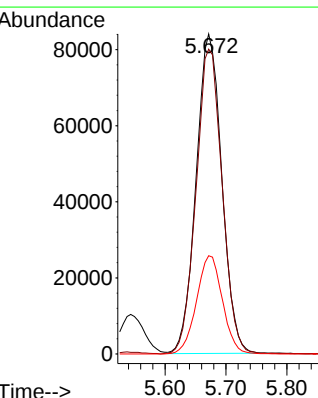
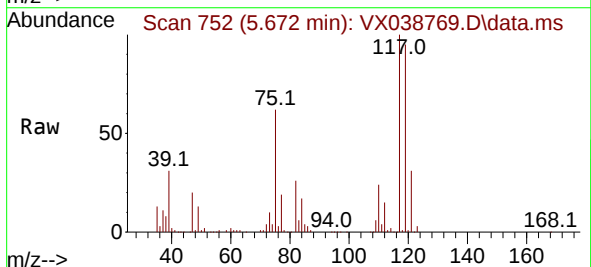
Delta R.T. -0.006 min

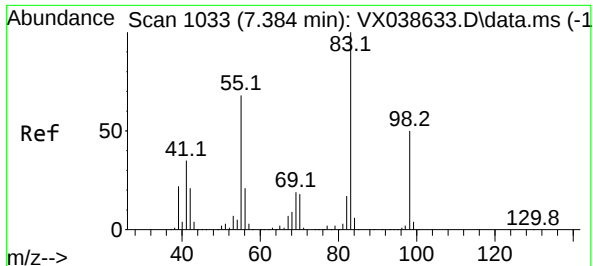
Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Tgt Ion:117 Resp: 246054

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.2
121	30.7	24.4	36.6





#39

Methylcyclohexane

Concen: 49.686 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 26522

Ion Ratio Lower Upper

83 100

55 67.2 64.6 97.0

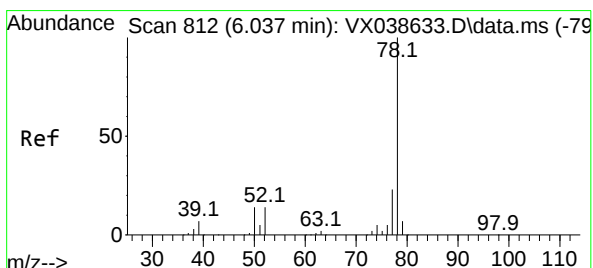
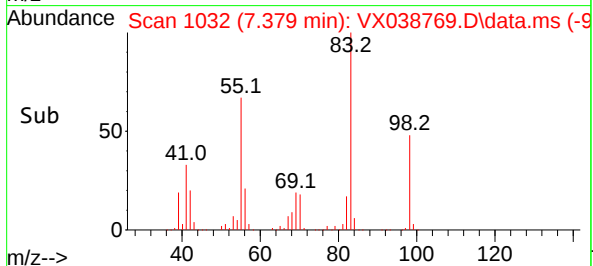
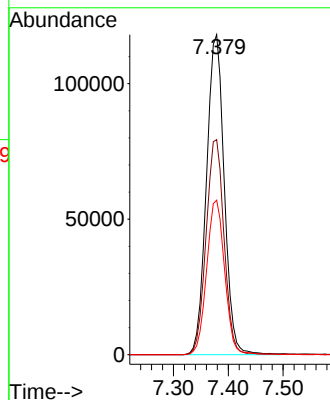
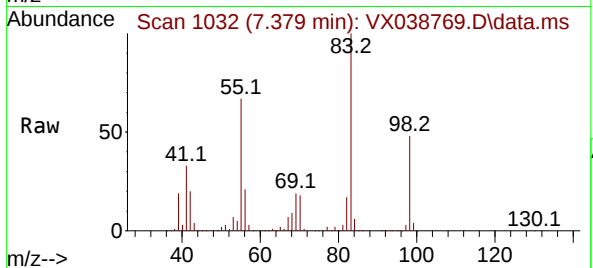
98 48.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#40

Benzene

Concen: 48.641 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038769.D

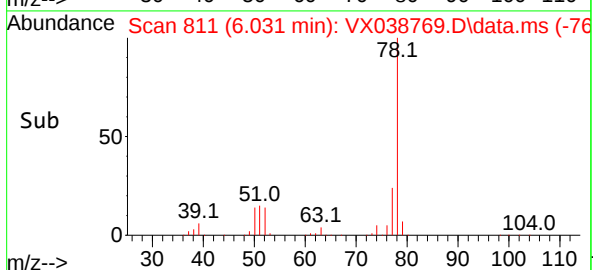
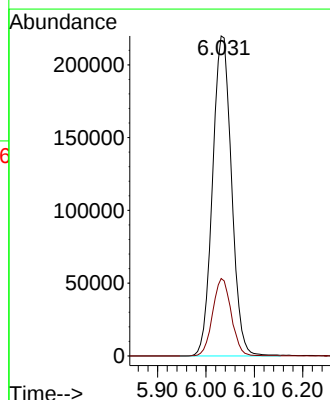
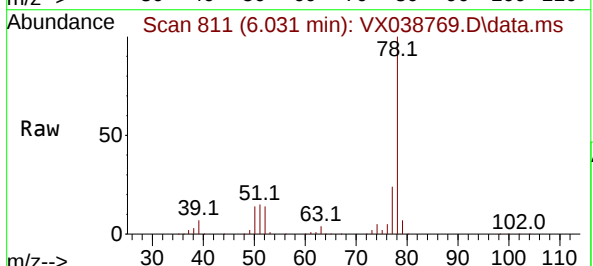
Acq: 13 Nov 2023 10:26

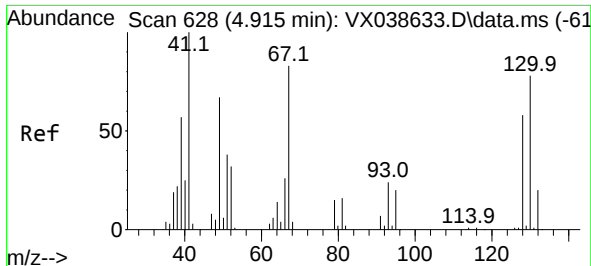
Tgt Ion: 78 Resp: 598140

Ion Ratio Lower Upper

78 100

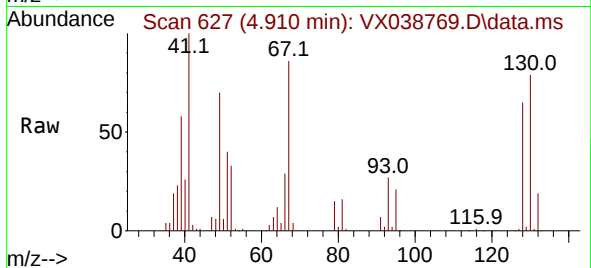
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 48.292 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

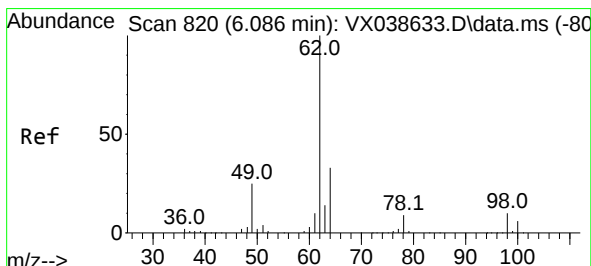
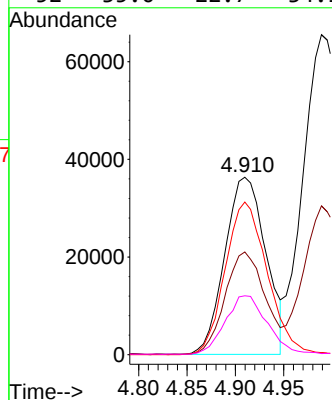
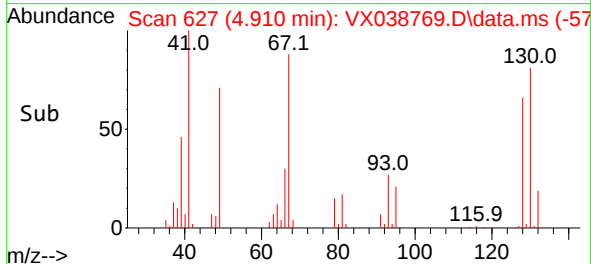
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 107249
Ion Ratio Lower Upper
41 100
39 56.5 45.2 67.8
67 89.0 52.6 78.8
52 35.0 22.7 34.1#

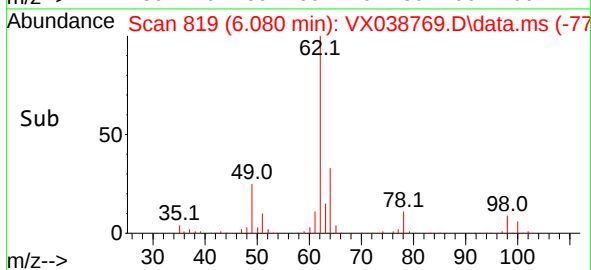
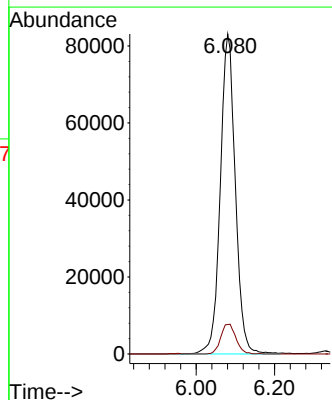
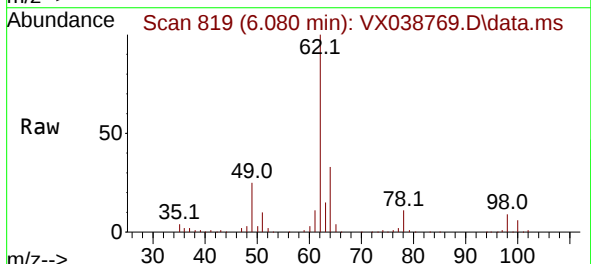
Manual Integrations
APPROVED

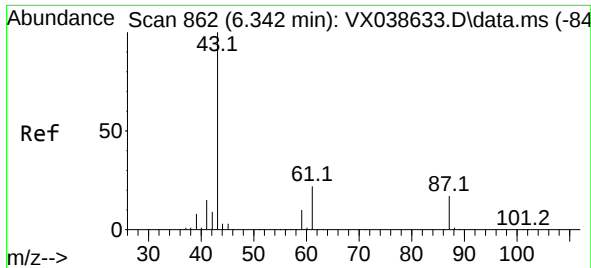
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#42
1,2-Dichloroethane
Concen: 50.011 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 62 Resp: 221902
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





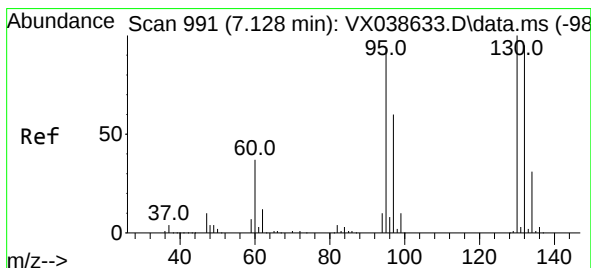
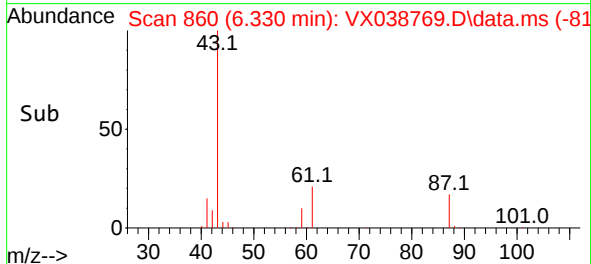
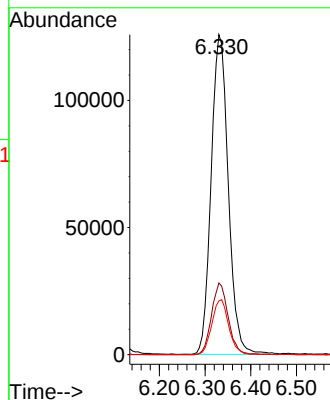
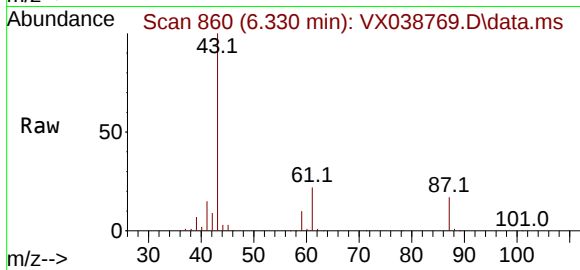
#43
Isopropyl Acetate
Concen: 48.970 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 328170
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 17.0 9.8 14.6

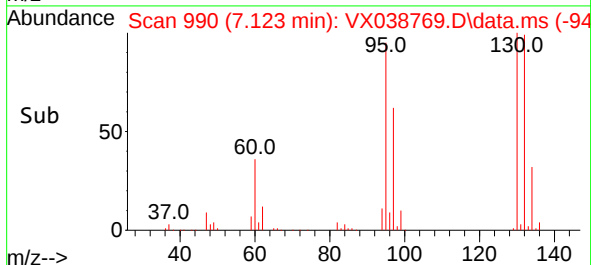
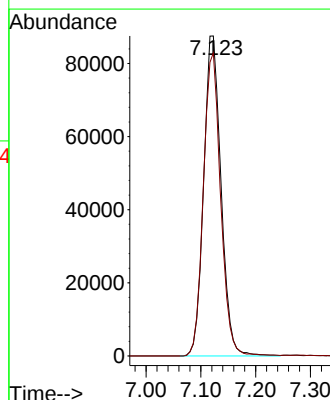
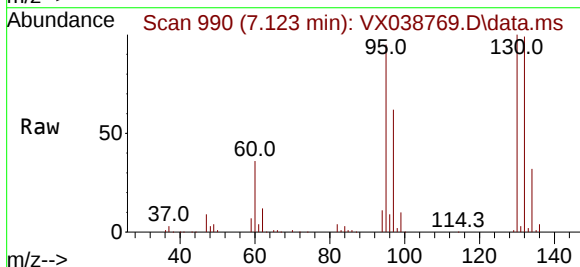
Manual Integrations
APPROVED

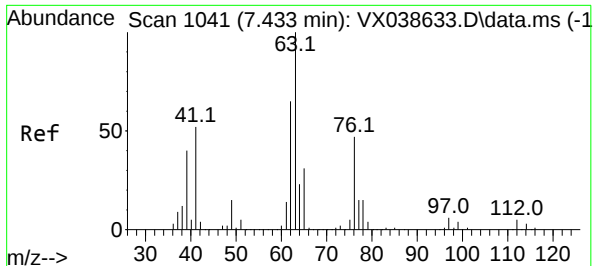
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#44
Trichloroethene
Concen: 50.210 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion:130 Resp: 192111
Ion Ratio Lower Upper
130 100
95 94.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.853 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14819

Ion Ratio Lower Upper

63 100

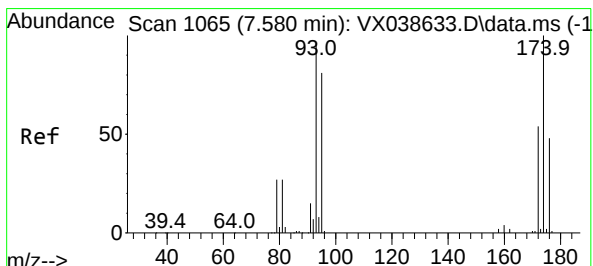
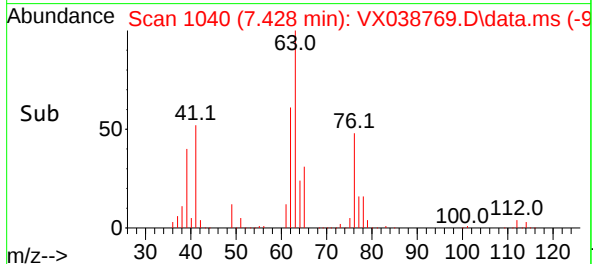
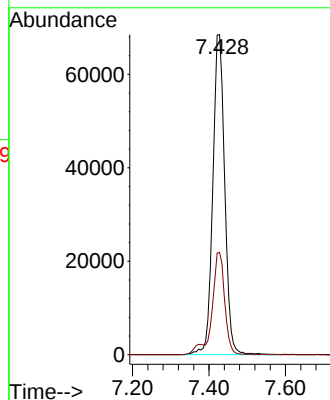
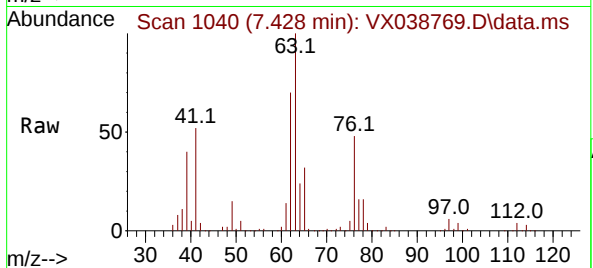
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 49.144 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

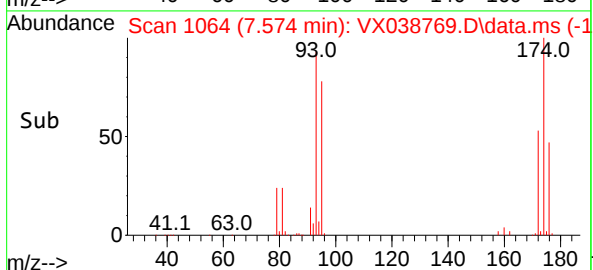
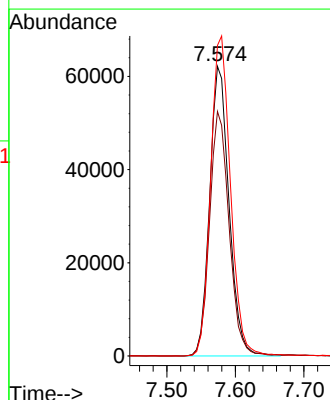
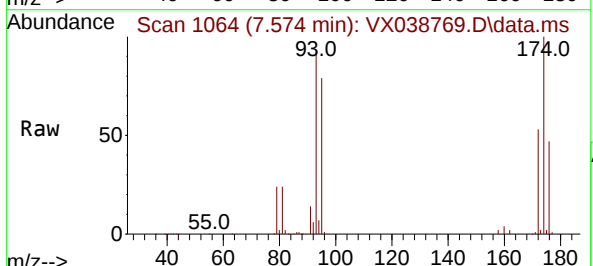
Tgt Ion: 93 Resp: 122175

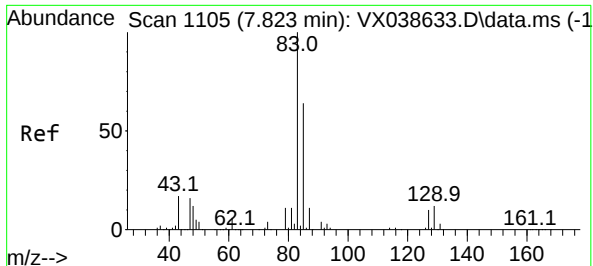
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 113.3 69.4 104.0#





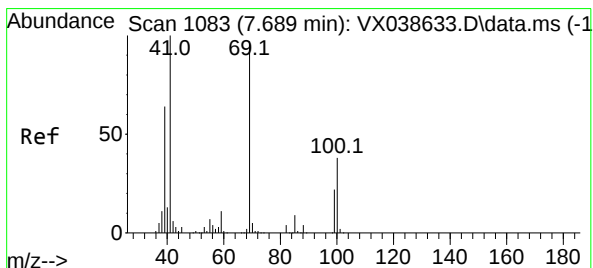
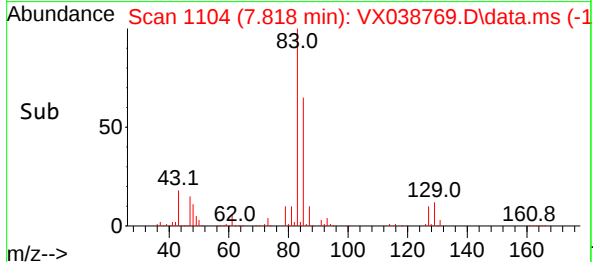
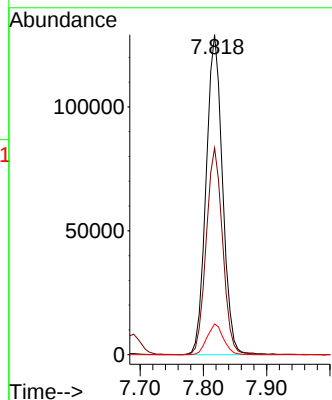
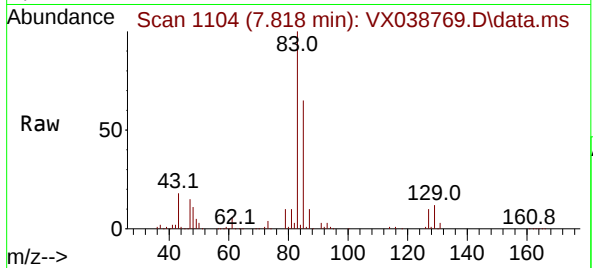
#47
Bromodichloromethane
Concen: 49.836 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 233002
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 9.6 7.1 10.7

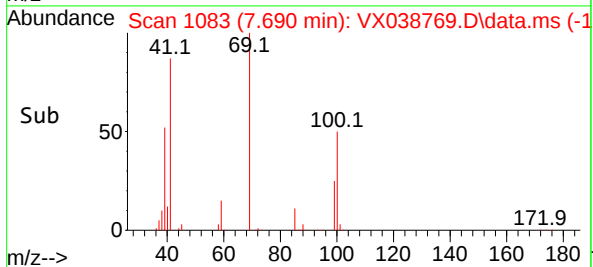
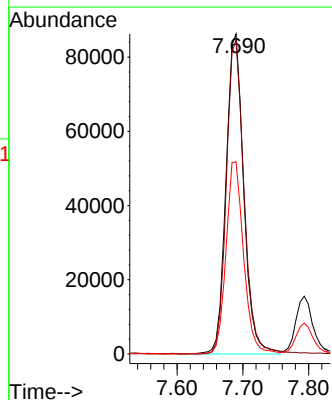
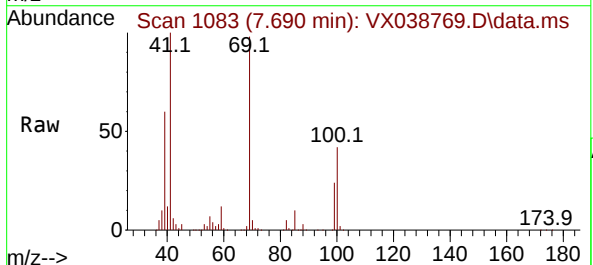
Manual Integrations
APPROVED

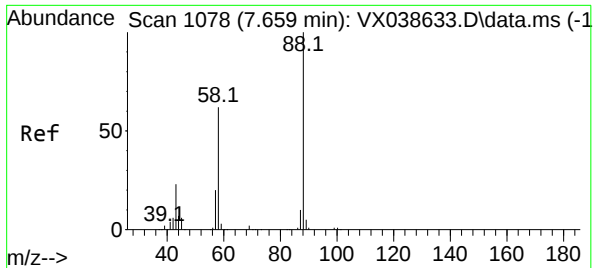
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#48
Methyl methacrylate
Concen: 49.903 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 41 Resp: 161165
Ion Ratio Lower Upper
41 100
69 98.6 59.2 88.8#
39 59.7 47.7 71.5





#49

1,4-Dioxane

Concen: 967.627 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7114

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0

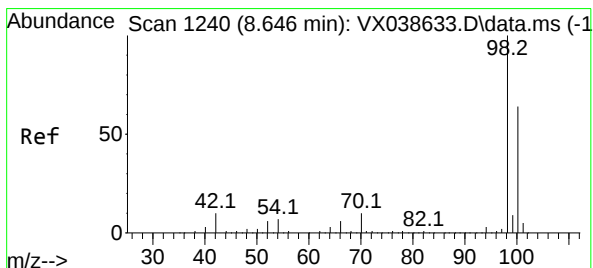
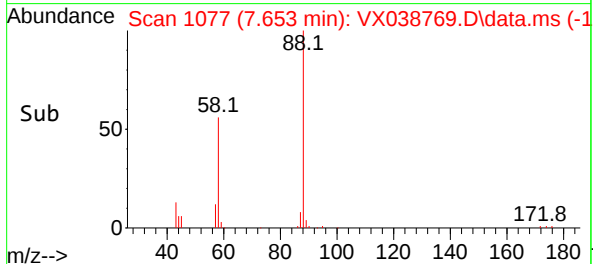
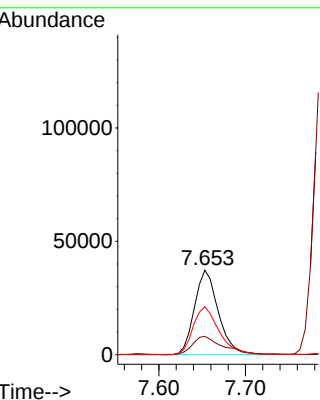
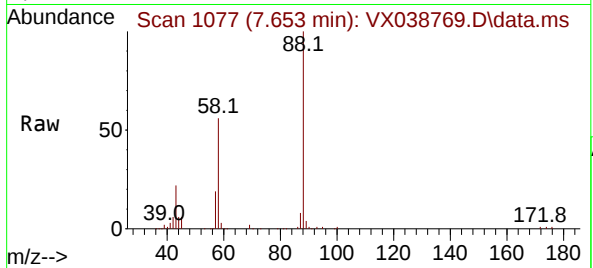
58 61.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#50

Toluene-d8

Concen: 47.853 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038769.D

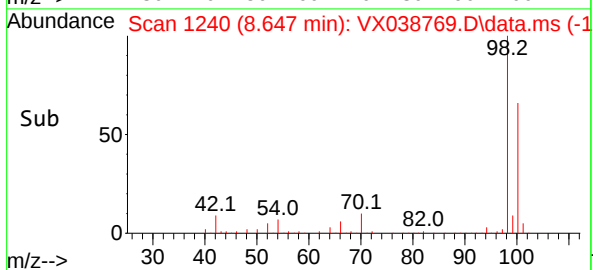
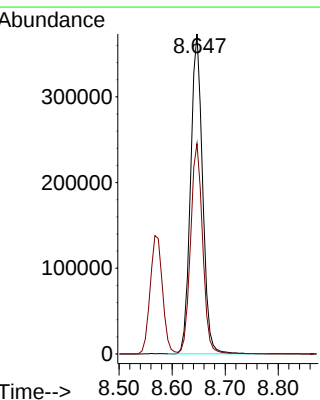
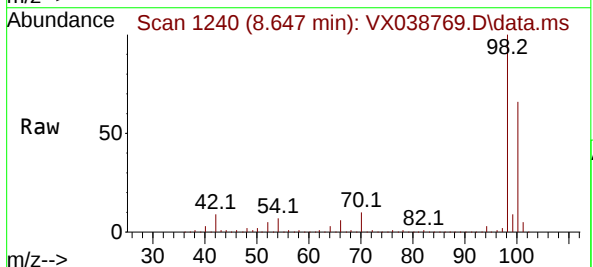
Acq: 13 Nov 2023 10:26

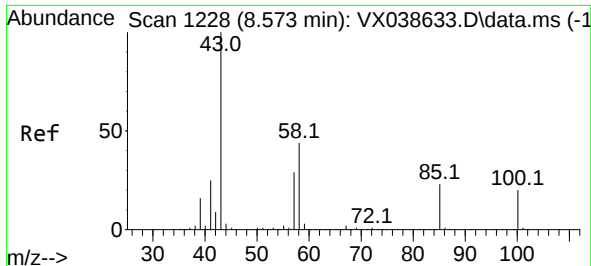
Tgt Ion: 98 Resp: 588536

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 248.707 ug/l

RT: 8.568 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 108591

Ion Ratio Lower Upper

43 100

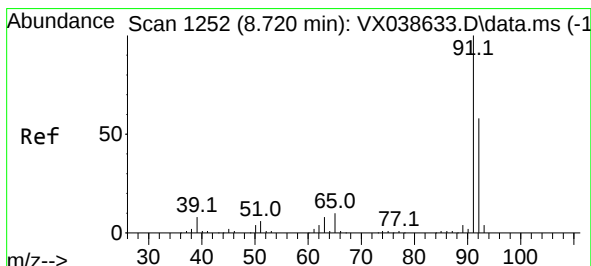
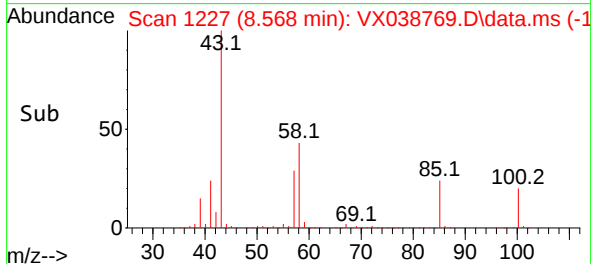
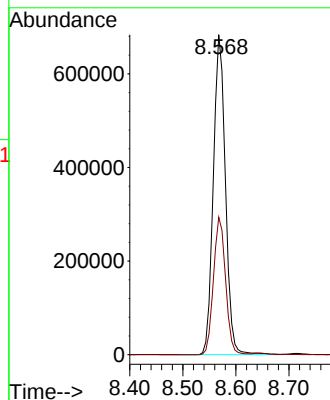
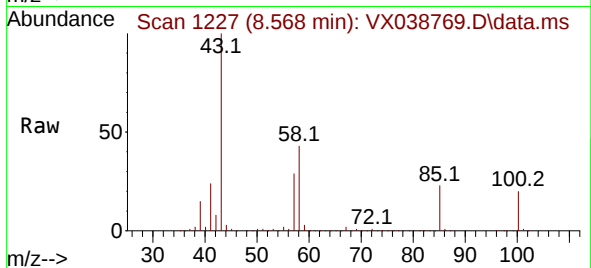
58 43.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#52

Toluene

Concen: 50.929 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038769.D

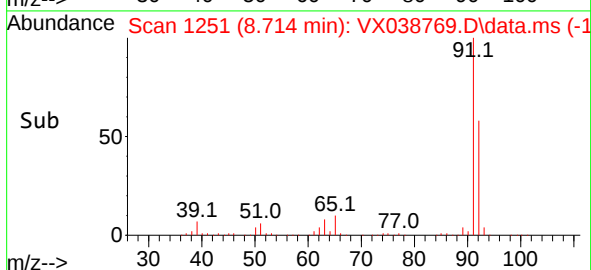
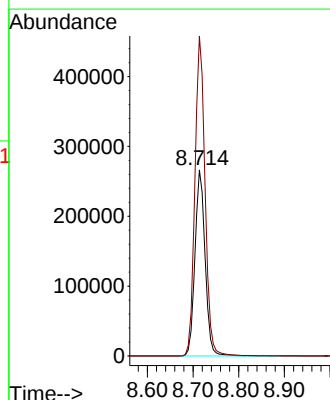
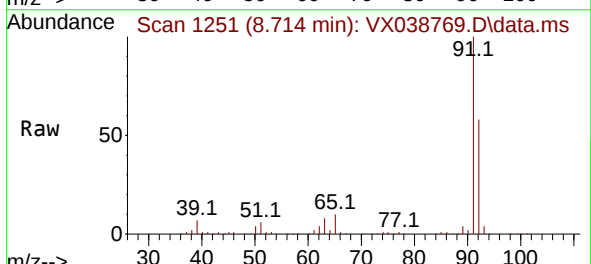
Acq: 13 Nov 2023 10:26

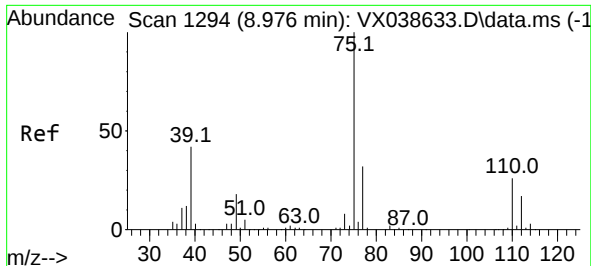
Tgt Ion: 92 Resp: 410263

Ion Ratio Lower Upper

92 100

91 172.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 52.891 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

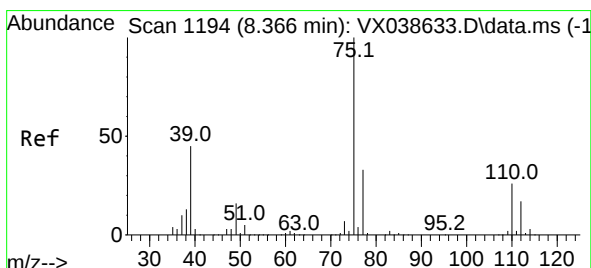
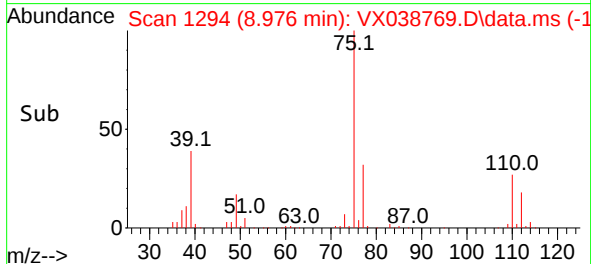
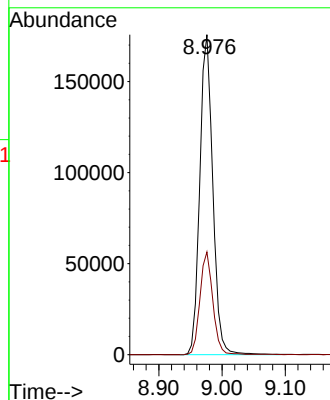
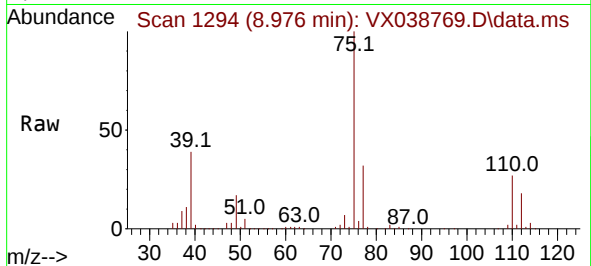
VSTDCCC050

Tgt Ion: 75 Resp: 25175
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

Manual Integrations

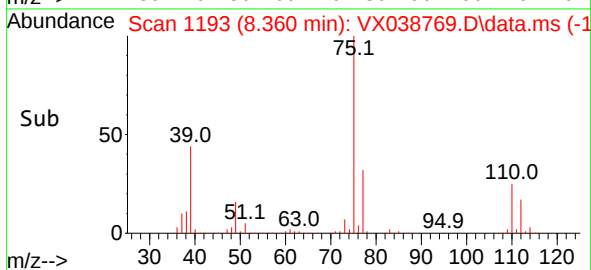
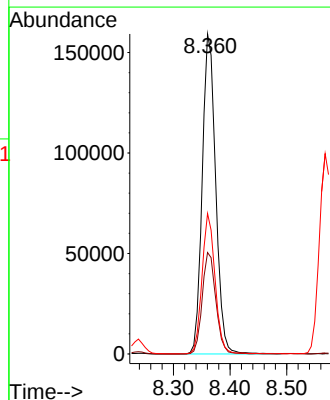
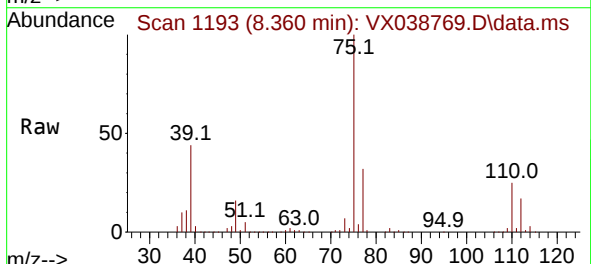
APPROVED

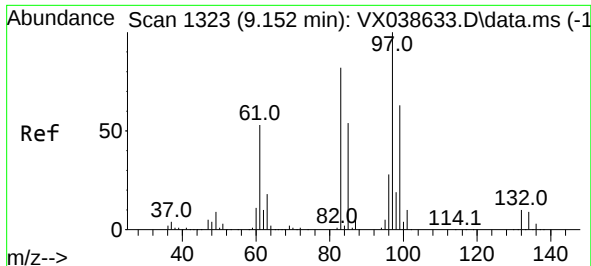
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 52.096 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

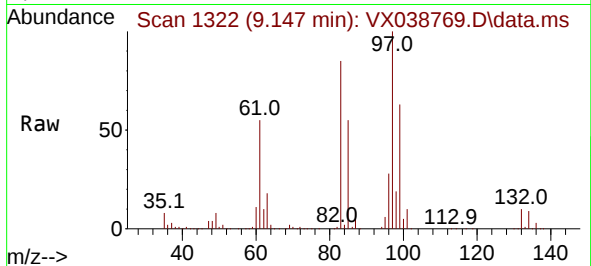
Tgt Ion: 75 Resp: 261778
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 43.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 51.034 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

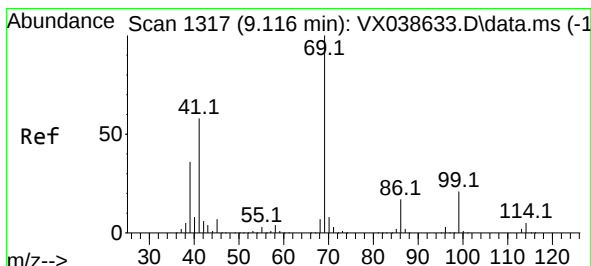
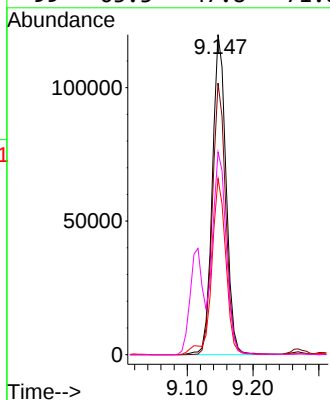
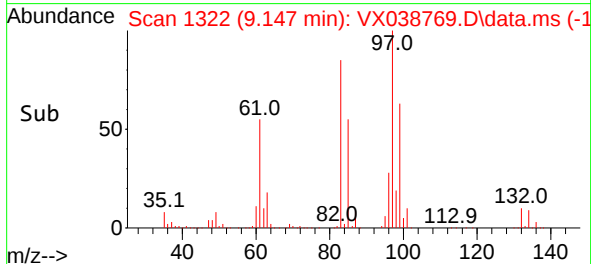


Tgt Ion: 97 Resp: 17443

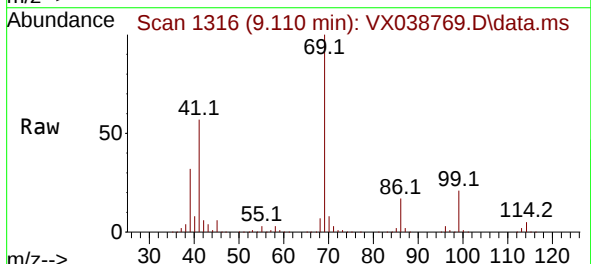
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.8	98.8
85	55.1	41.6	62.4
99	63.3	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

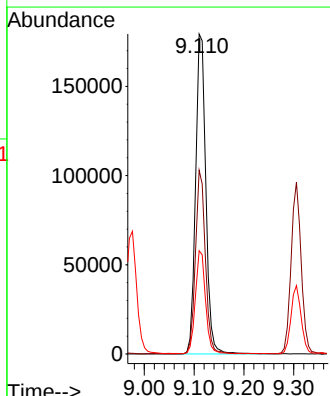
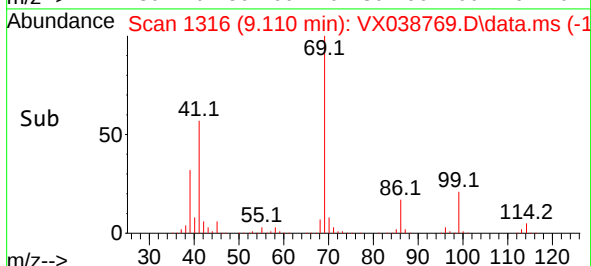


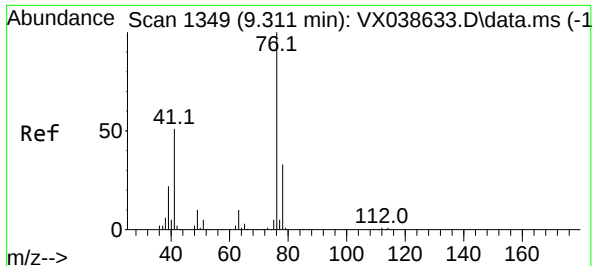
#56
Ethyl methacrylate
Concen: 53.486 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26



Tgt Ion: 69 Resp: 255779

Ion	Ratio	Lower	Upper
69	100		
41	55.8	56.8	85.2#
39	32.0	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 50.355 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 26807

Ion Ratio Lower Upper

76 100

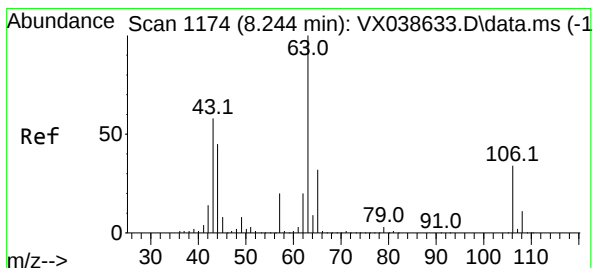
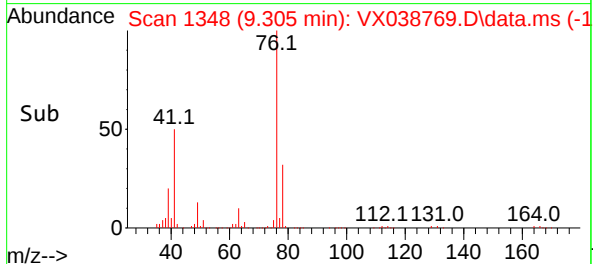
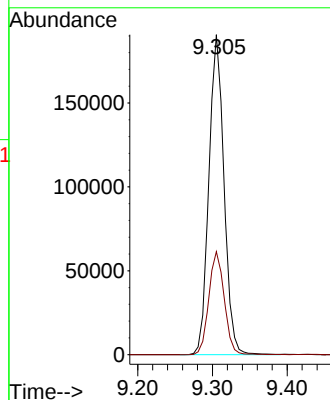
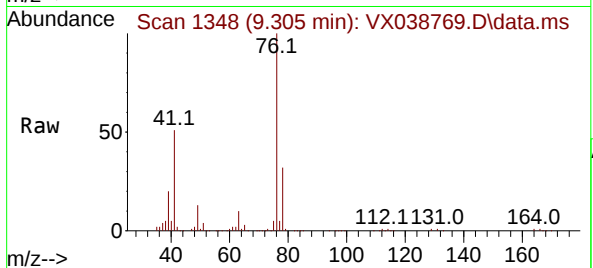
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.785 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038769.D

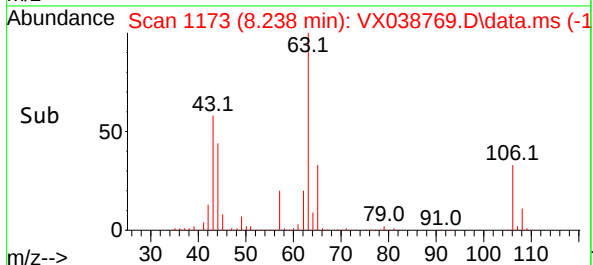
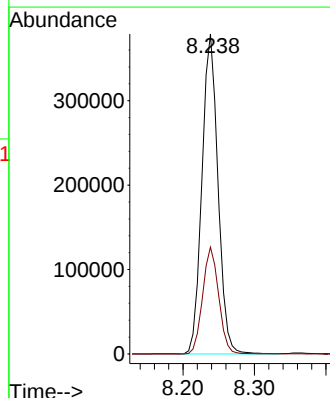
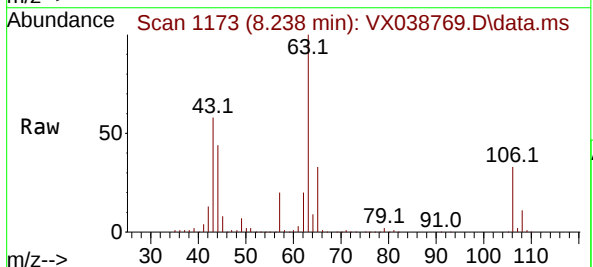
Acq: 13 Nov 2023 10:26

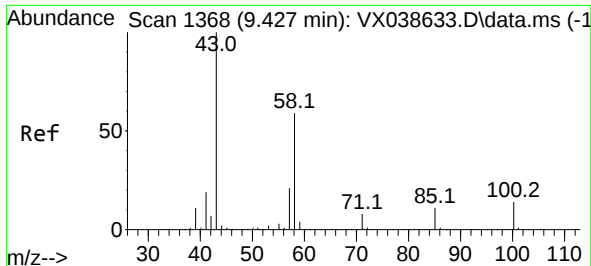
Tgt Ion: 63 Resp: 589657

Ion Ratio Lower Upper

63 100

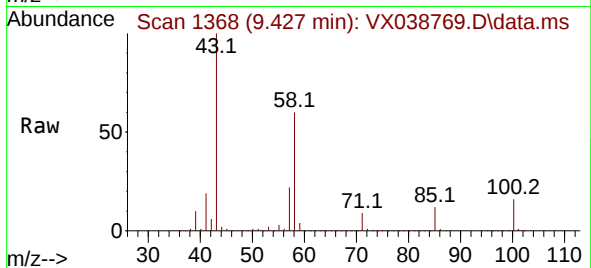
106 33.4 22.5 33.7





#59
2-Hexanone
Concen: 254.560 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

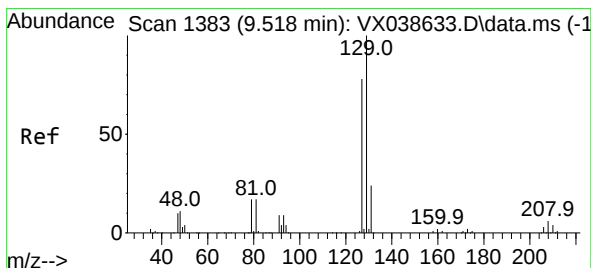
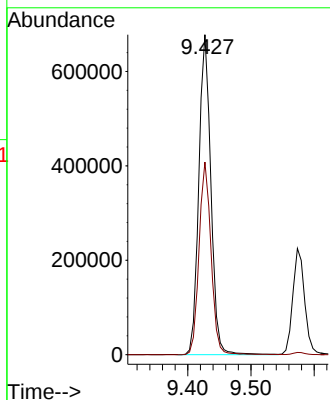
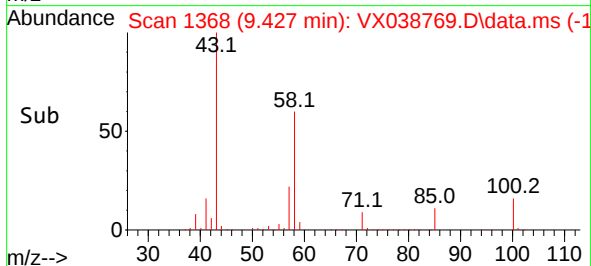
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 899333
Ion Ratio Lower Upper
43 100
58 60.0 26.2 78.5

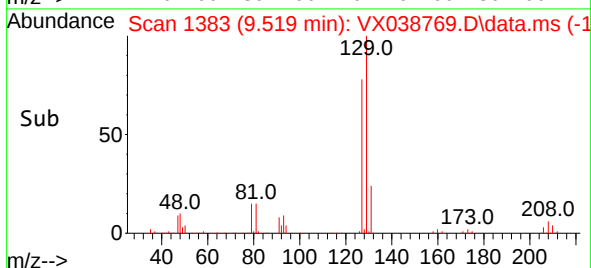
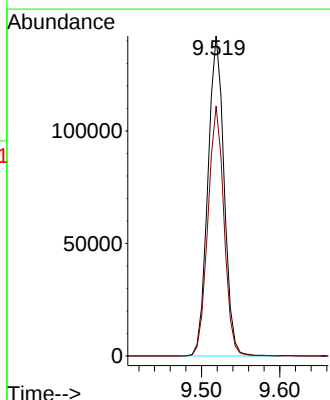
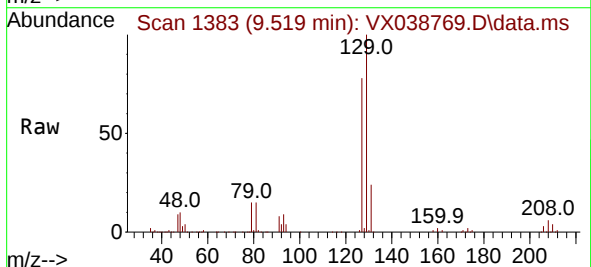
Manual Integrations
APPROVED

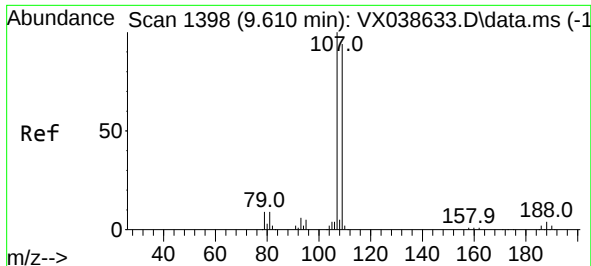
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#60
Dibromochloromethane
Concen: 53.043 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

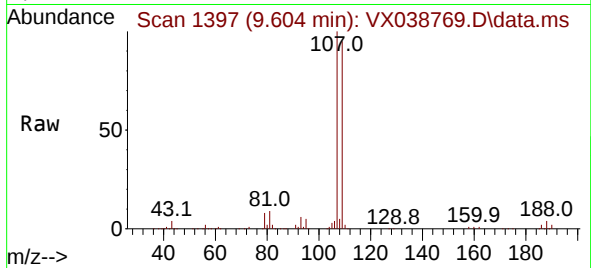
Tgt Ion:129 Resp: 203521
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.976 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

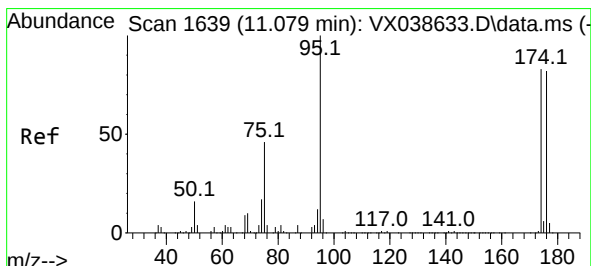
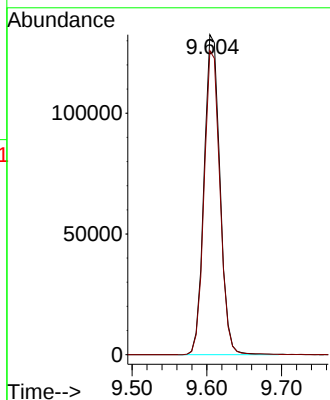
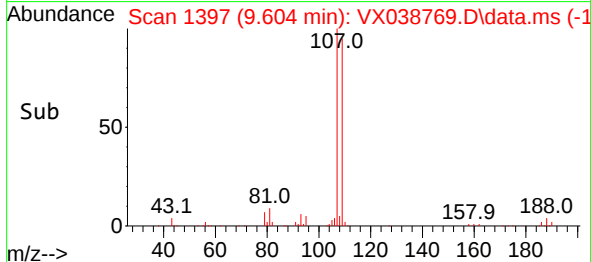
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 195819
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

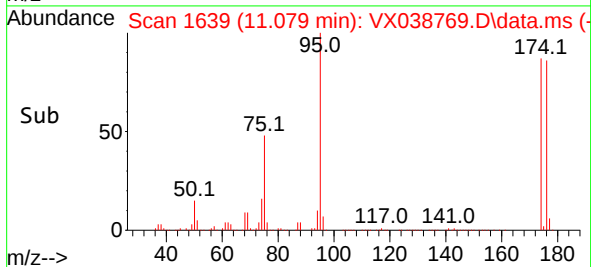
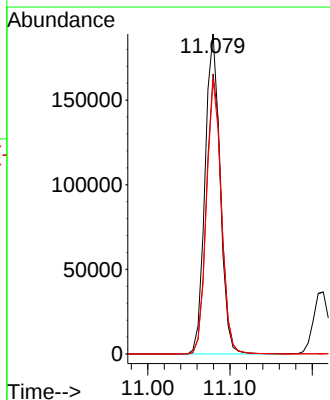
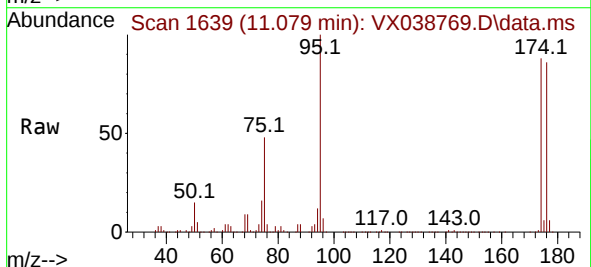
Manual Integrations
APPROVED

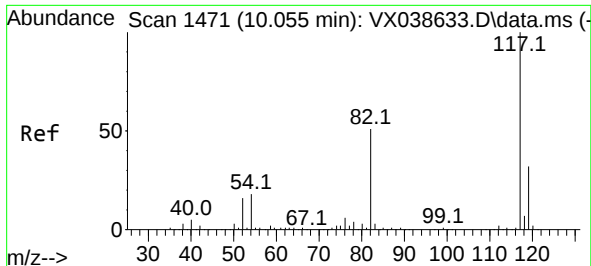
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

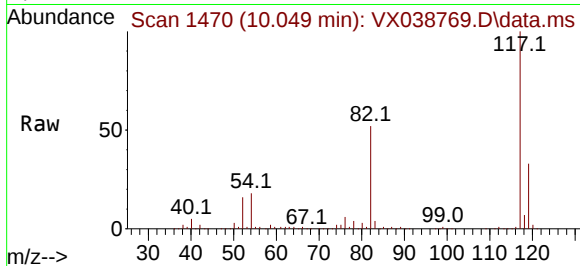
Tgt Ion: 95 Resp: 240069
Ion Ratio Lower Upper
95 100
174 87.2 0.0 135.6
176 84.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

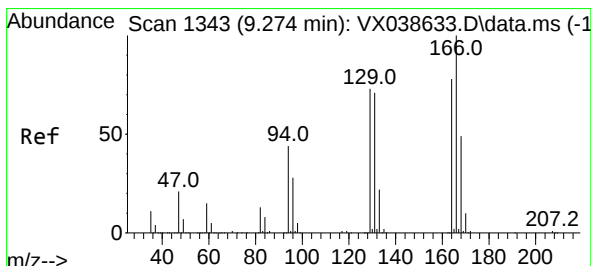
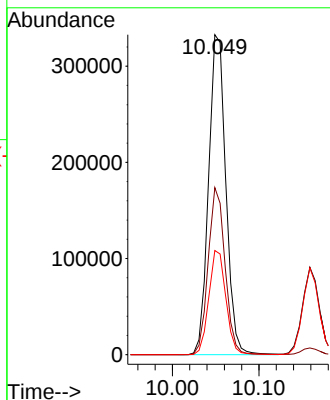
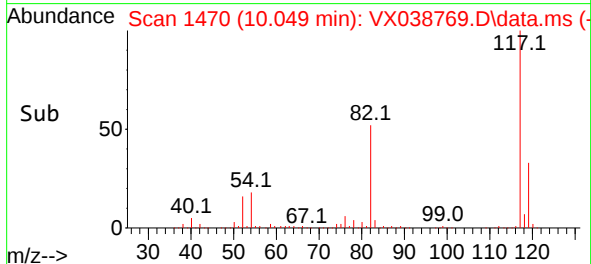
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 460868
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 32.6 25.5 38.3

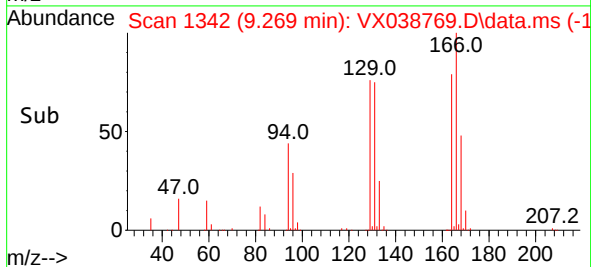
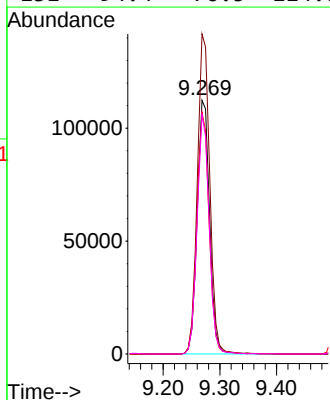
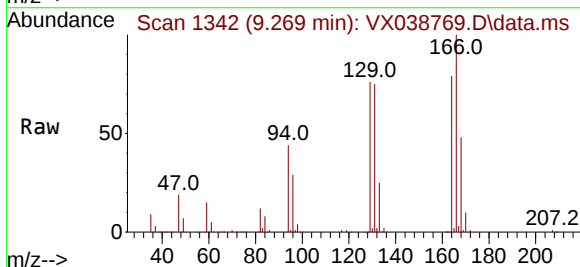
Manual Integrations
APPROVED

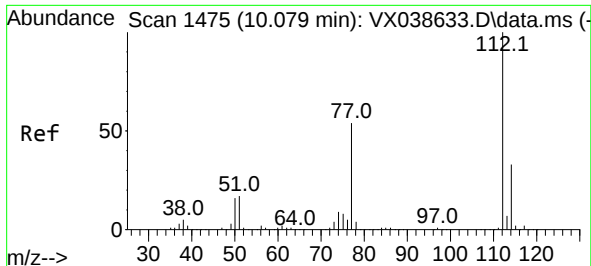
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 49.375 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

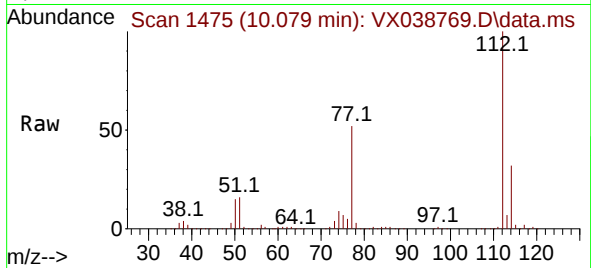
Tgt Ion:164 Resp: 170332
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 95.4 80.4 120.6
131 94.4 76.5 114.7





#65
Chlorobenzene
Concen: 51.442 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

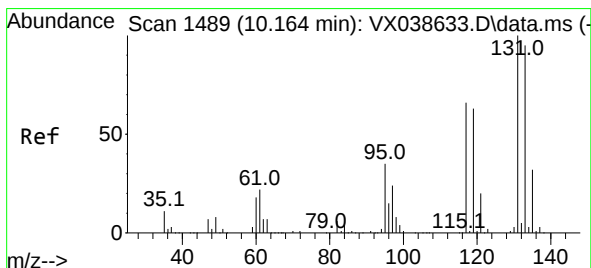
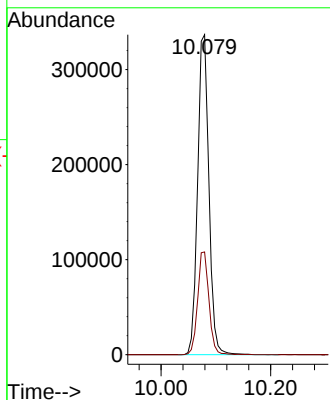
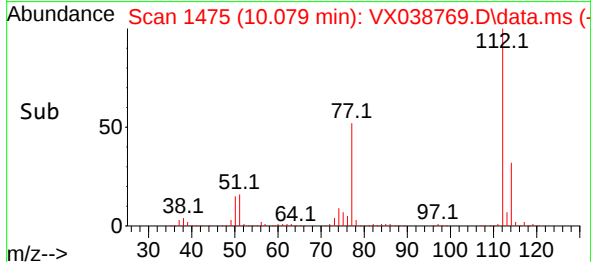
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



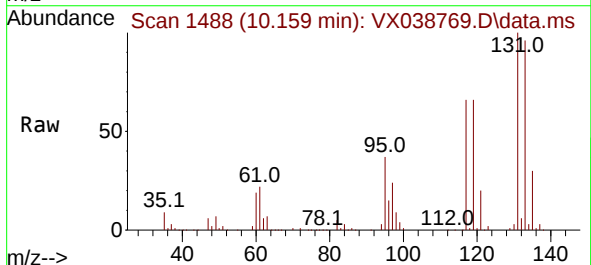
Tgt Ion:112 Resp: 48261
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
APPROVED

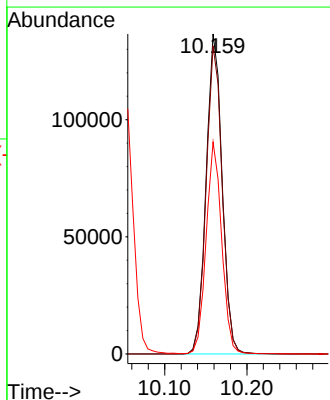
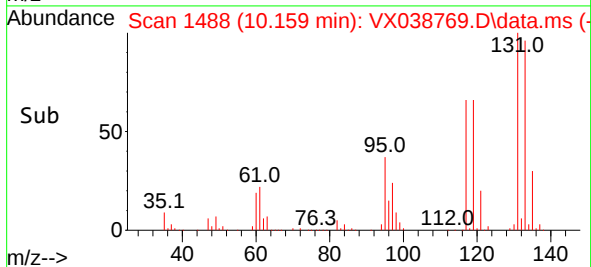
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

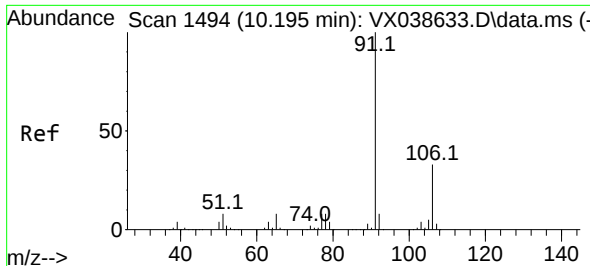


#66
1,1,1,2-Tetrachloroethane
Concen: 52.405 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26



Tgt Ion:131 Resp: 184823
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 51.336 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 814680

Ion Ratio Lower Upper

91 100

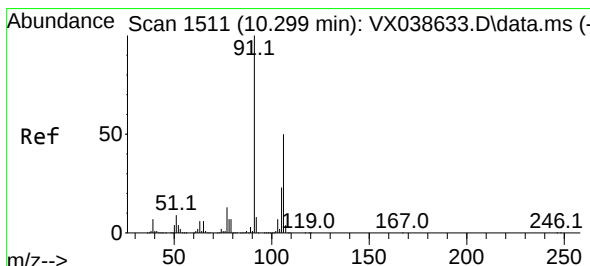
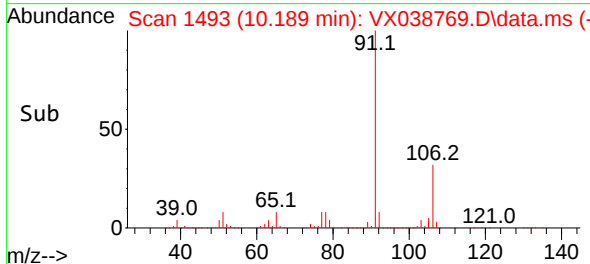
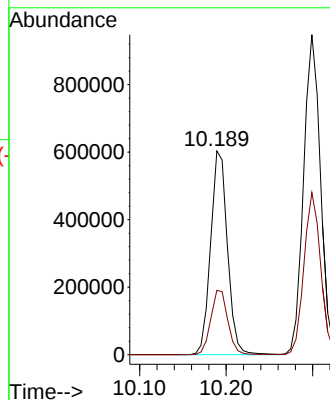
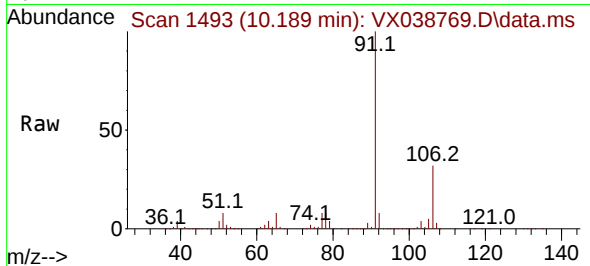
106 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#68

m/p-Xylenes

Concen: 102.929 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038769.D

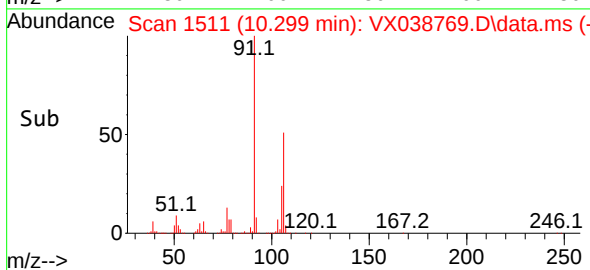
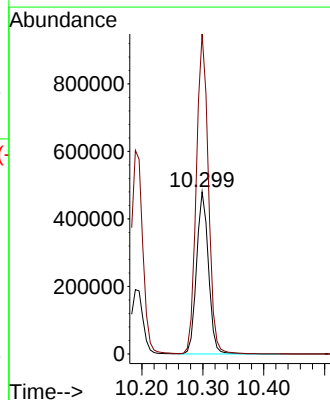
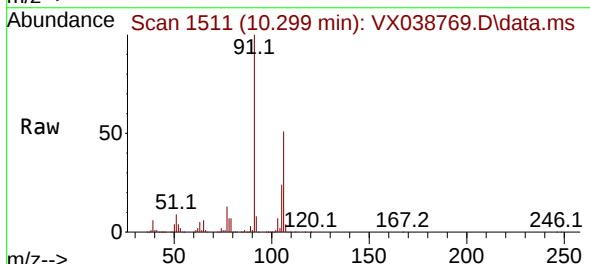
Acq: 13 Nov 2023 10:26

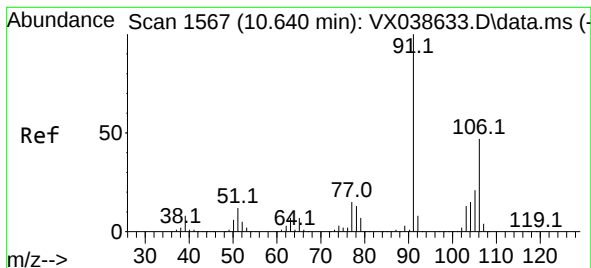
Tgt Ion:106 Resp: 648285

Ion Ratio Lower Upper

106 100

91 200.1 165.5 248.3





#69

o-Xylene

Concen: 51.281 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 314094

Ion Ratio Lower Upper

106 100

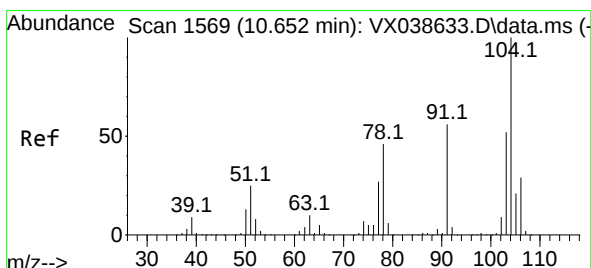
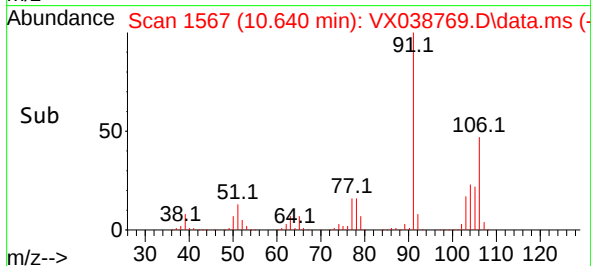
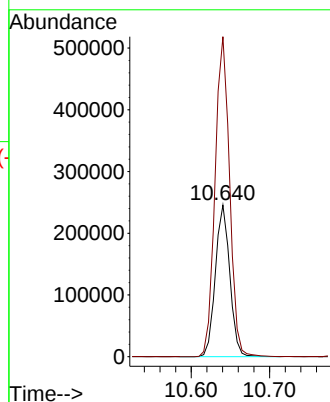
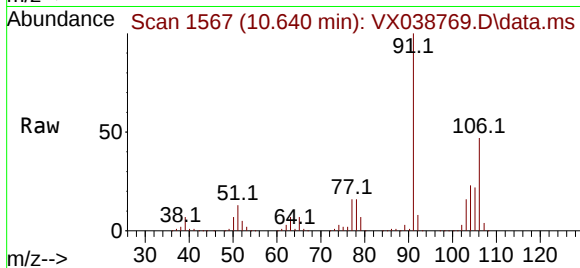
91 212.8 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#70

Styrene

Concen: 52.597 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

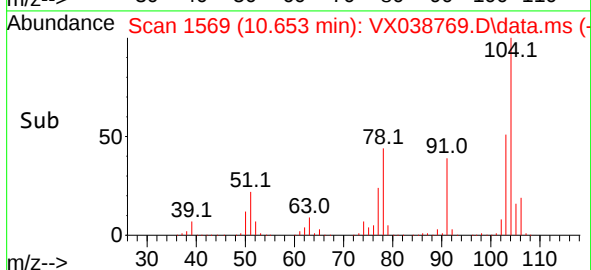
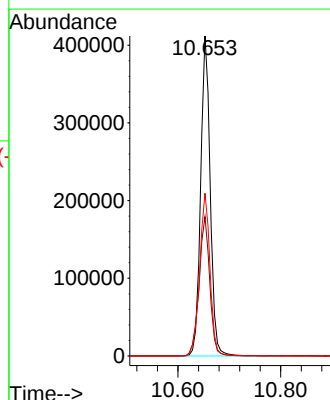
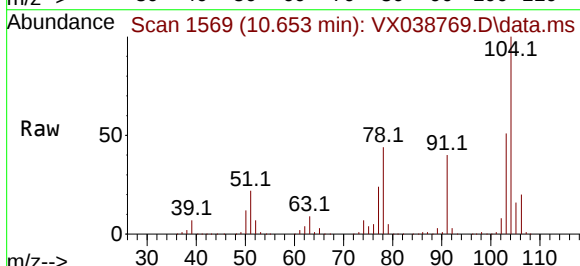
Tgt Ion:104 Resp: 531689

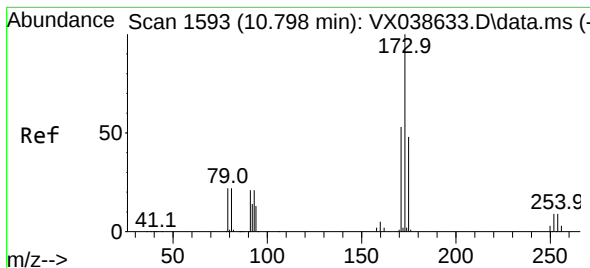
Ion Ratio Lower Upper

104 100

78 48.7 43.6 65.4

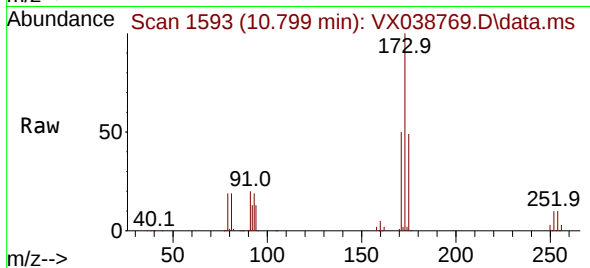
103 55.5 43.6 65.4





#71
Bromoform
Concen: 52.965 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

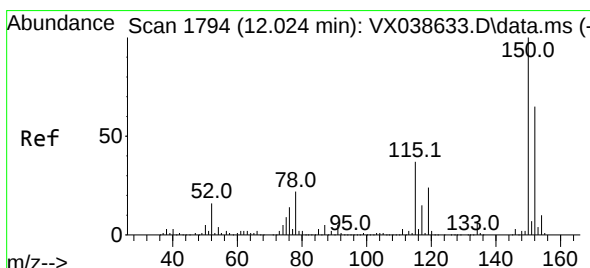
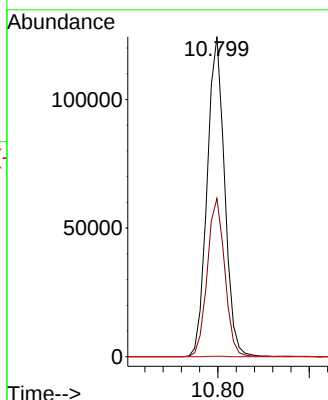
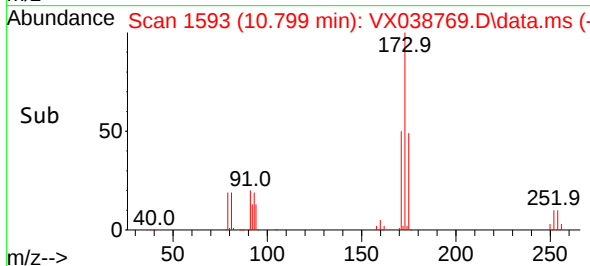
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



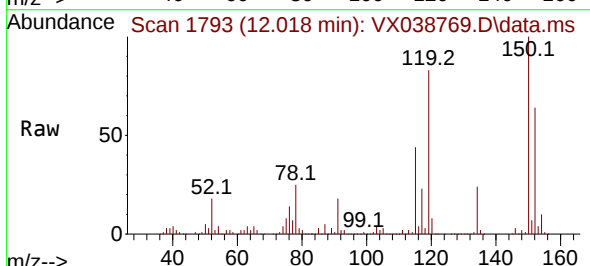
Tgt Ion:173 Resp: 164870
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

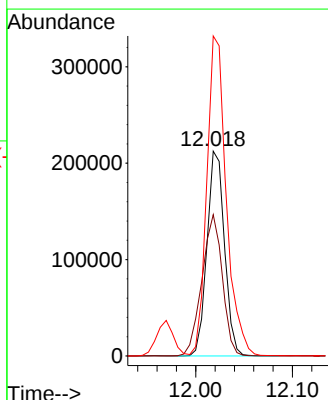
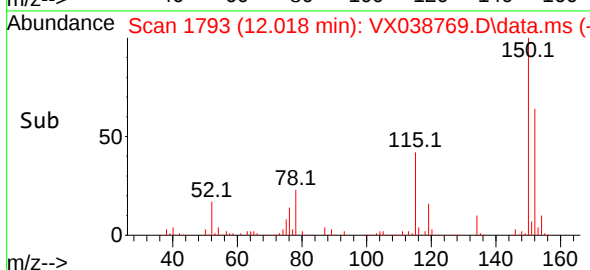
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

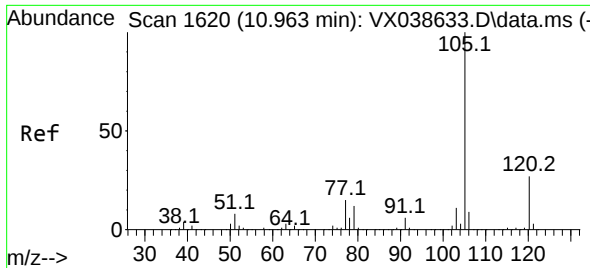


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26



Tgt Ion:152 Resp: 267853
Ion Ratio Lower Upper
152 100
115 80.5 43.3 129.9
150 173.1 0.0 345.0





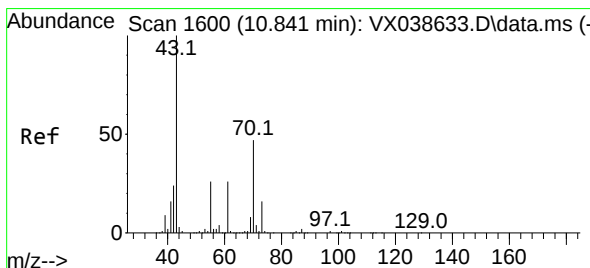
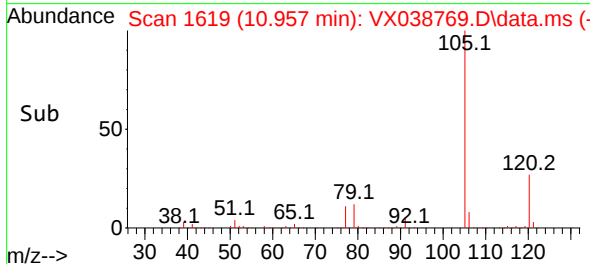
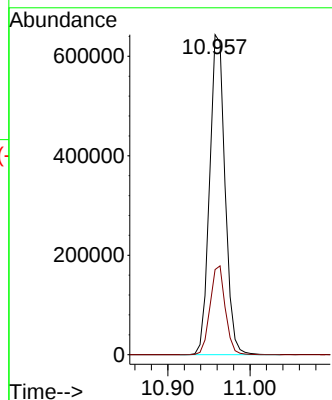
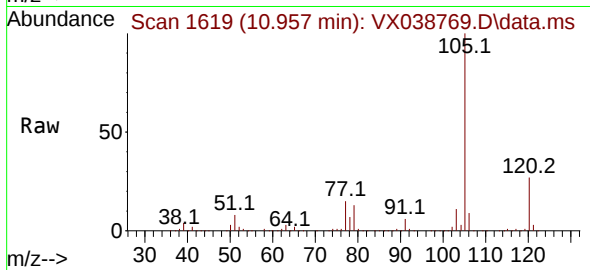
#73
Isopropylbenzene
Concen: 51.005 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 83814
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6

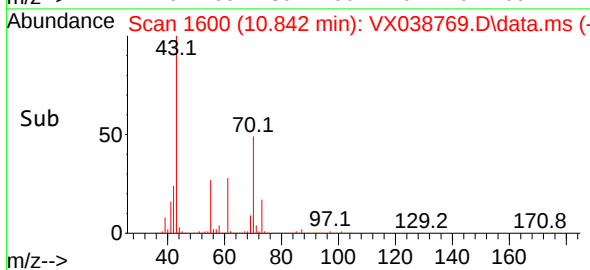
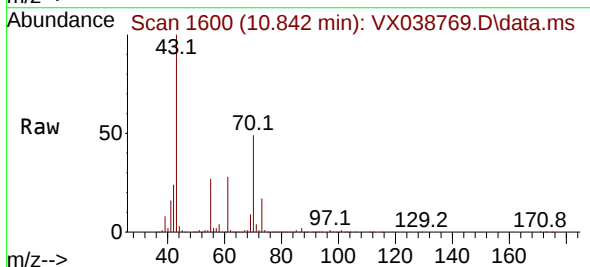
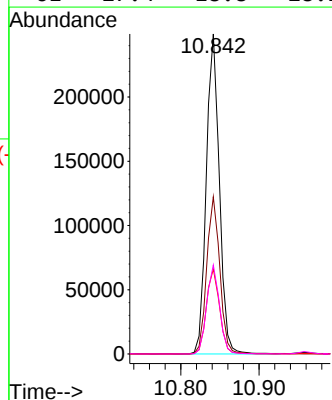
Manual Integrations
APPROVED

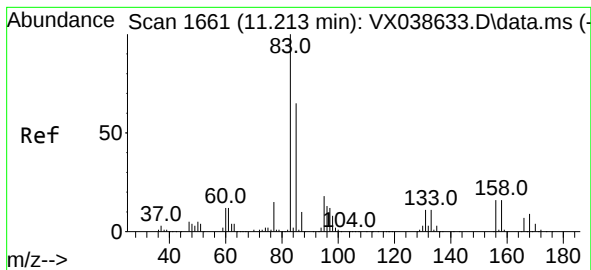
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#74
N-ethyl acetate
Concen: 50.265 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

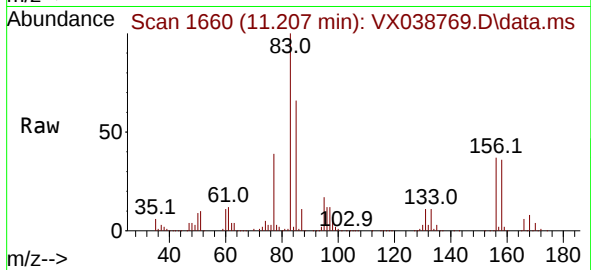
Tgt Ion: 43 Resp: 286996
Ion Ratio Lower Upper
43 100
70 49.3 32.9 49.3#
55 27.0 19.3 28.9
61 27.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.057 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

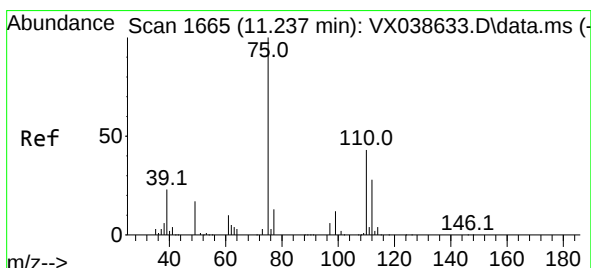
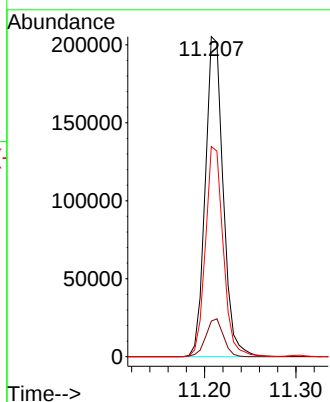
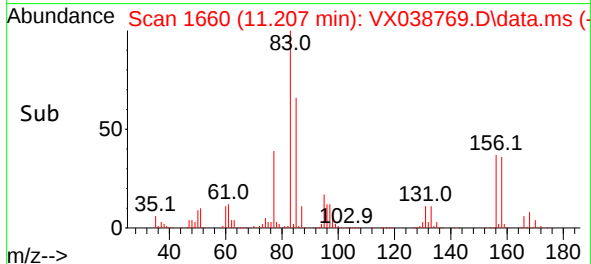
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



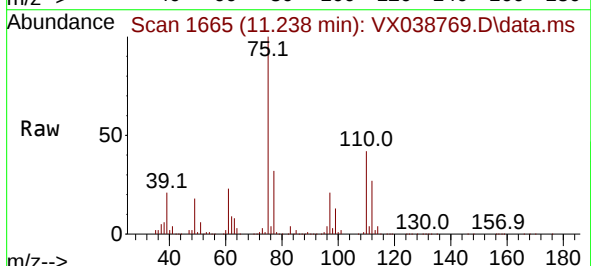
Tgt Ion: 83 Resp: 278690
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.8
85 65.1 32.0 96.2

Manual Integrations
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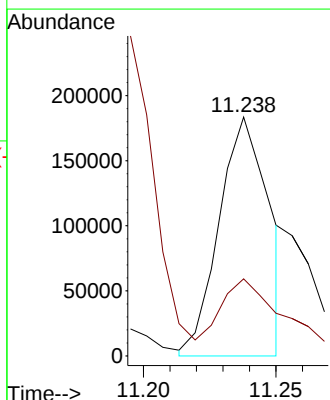
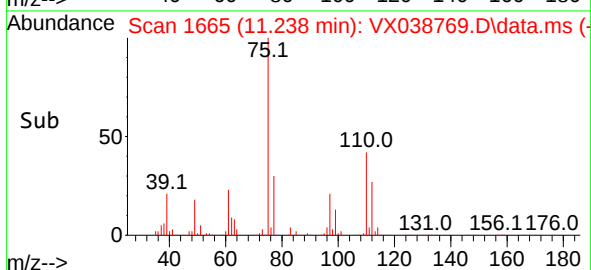
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

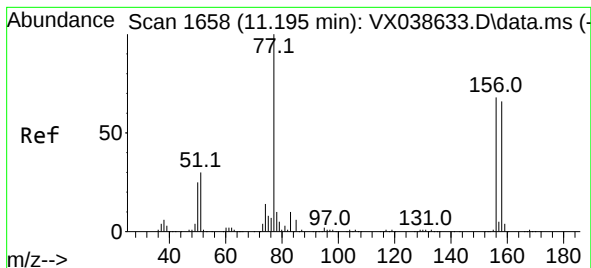


#76
1,2,3-Trichloropropane
Concen: 45.164 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26



Tgt Ion: 75 Resp: 239585
Ion Ratio Lower Upper
75 100
77 42.2 19.1 57.5





#77

Bromobenzene

Concen: 50.299 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

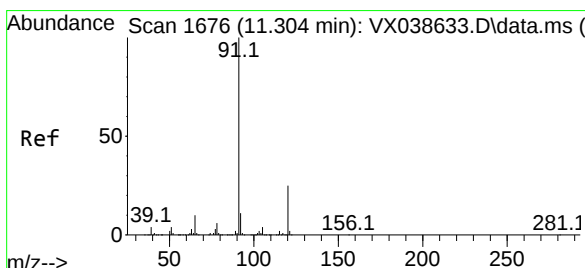
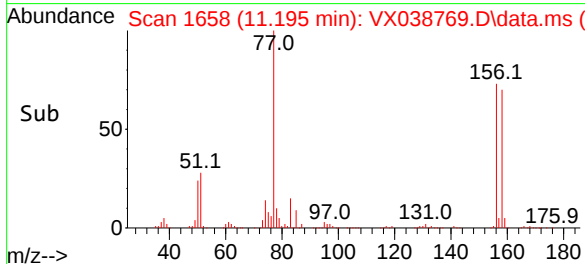
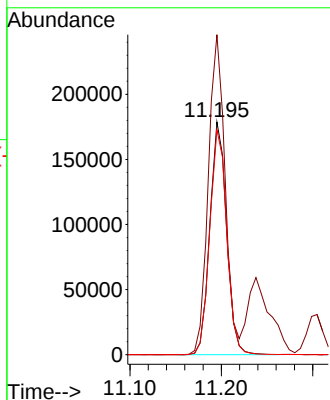
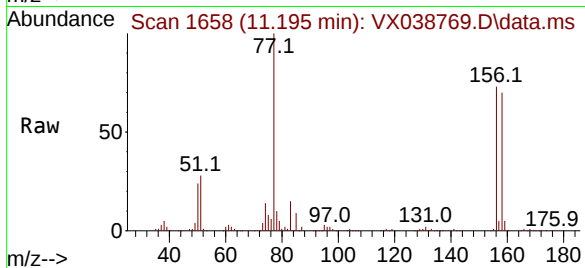
Tgt Ion:156 Resp: 226844
 Ion Ratio Lower Upper
 156 100
 77 137.9 88.4 265.3
 158 98.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#78

n-propylbenzene

Concen: 50.812 ug/l

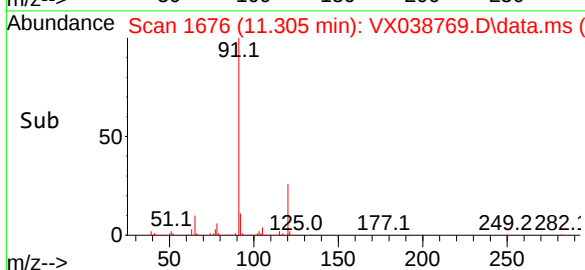
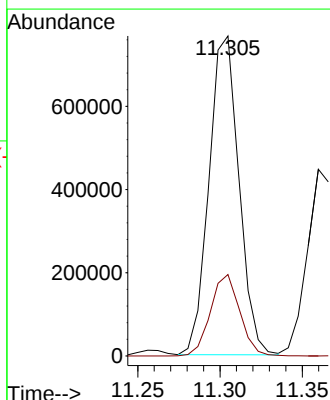
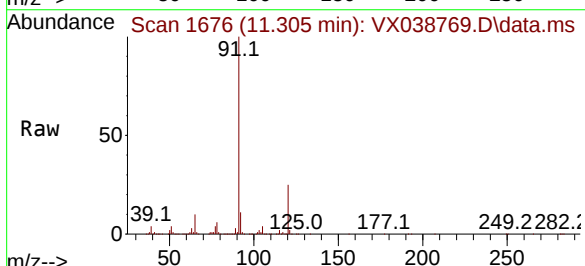
RT: 11.305 min Scan# 1676

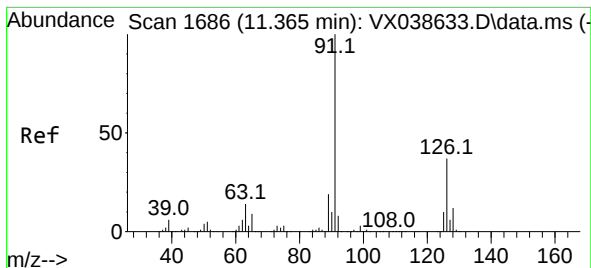
Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Tgt Ion: 91 Resp: 971641
 Ion Ratio Lower Upper
 91 100
 120 25.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.315 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 57603

Ion Ratio Lower Upper

91 100

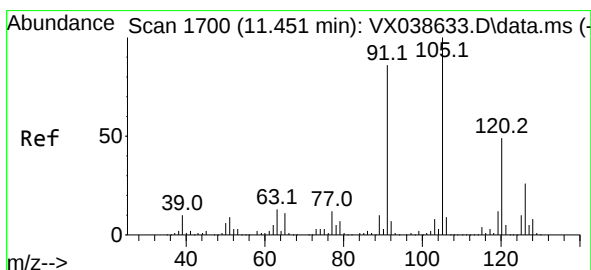
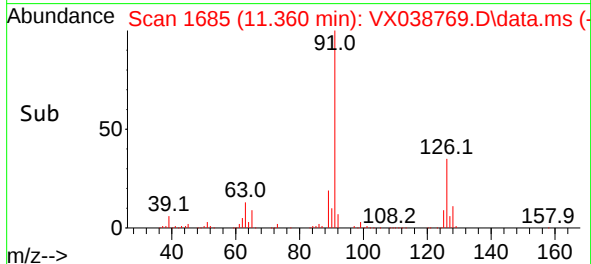
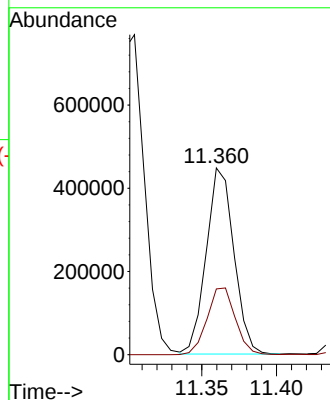
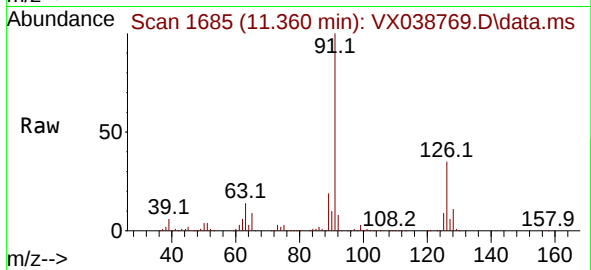
126 36.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#80

1,3,5-Trimethylbenzene

Concen: 51.901 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038769.D

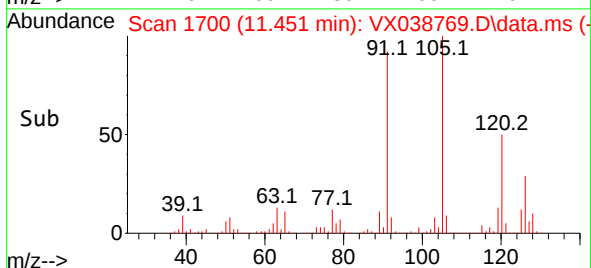
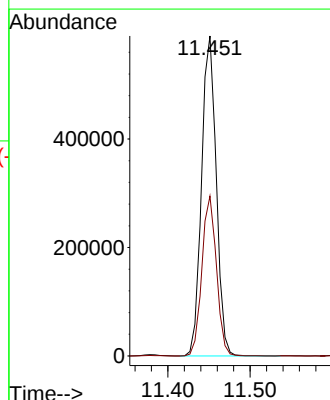
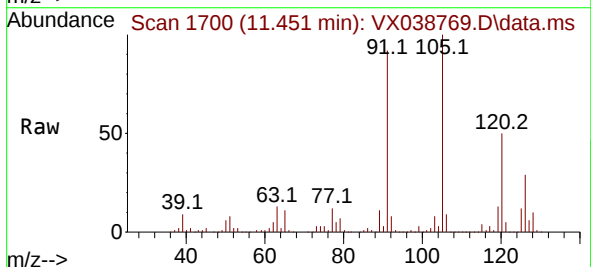
Acq: 13 Nov 2023 10:26

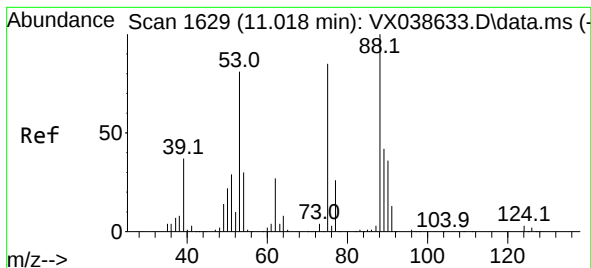
Tgt Ion:105 Resp: 734028

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.3





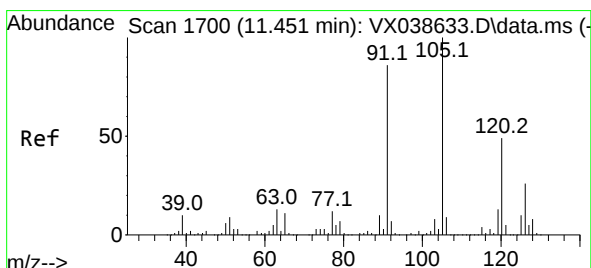
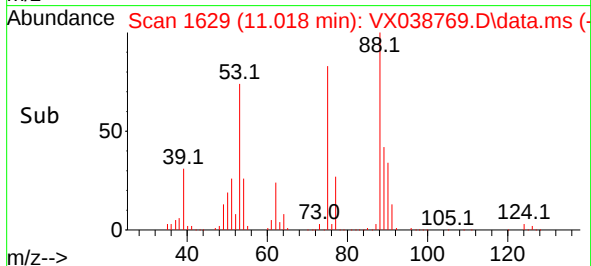
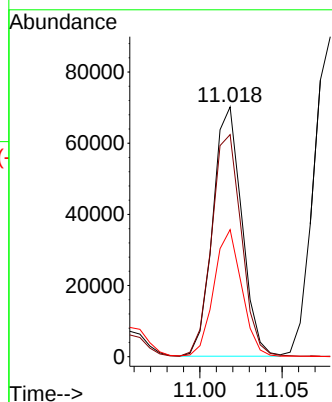
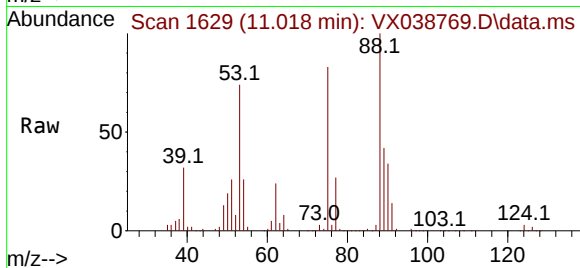
#81
trans-1,4-Dichloro-2-butene
Concen: 50.667 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8604
Ion Ratio Lower Upper
75 100
53 91.7 90.5 135.7
89 49.3 36.9 55.3

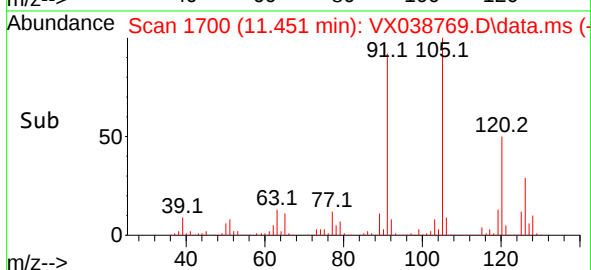
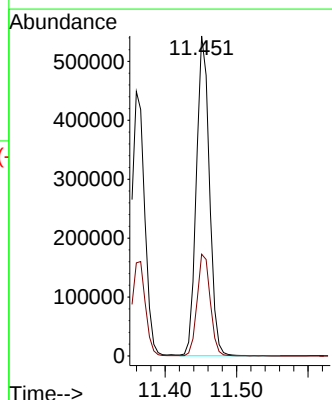
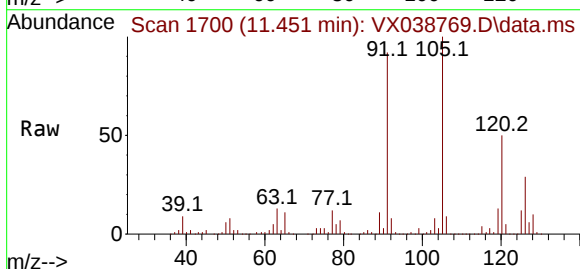
Manual Integrations
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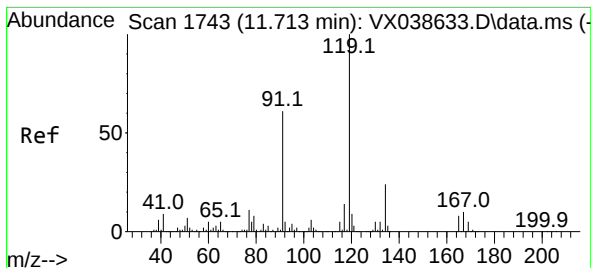
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 51.345 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 91 Resp: 686721
Ion Ratio Lower Upper
91 100
126 32.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.846 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 74299

Ion Ratio Lower Upper

119 100

91 56.4 31.2 93.6

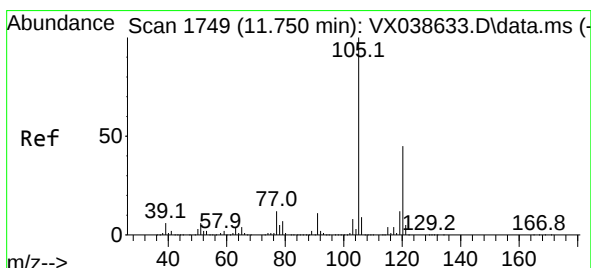
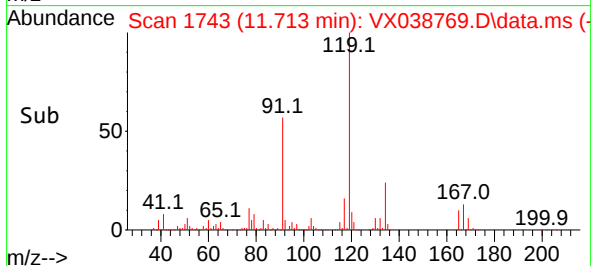
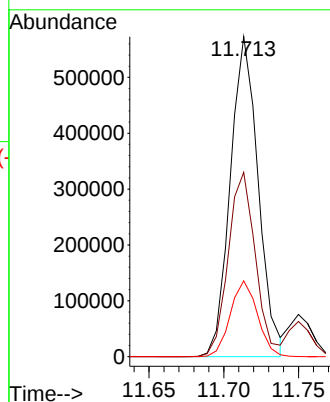
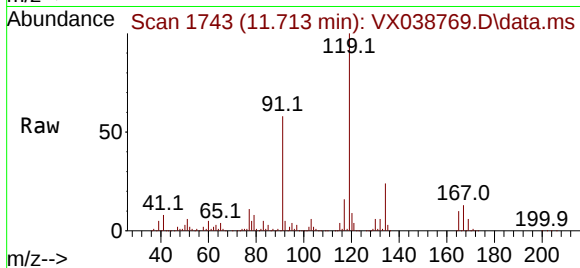
134 23.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.859 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038769.D

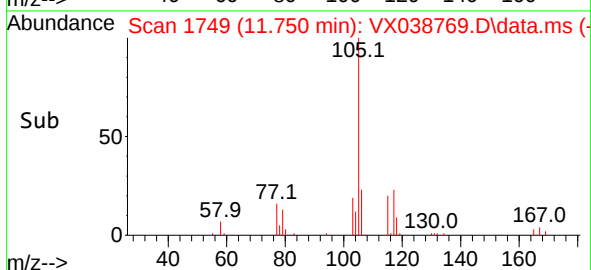
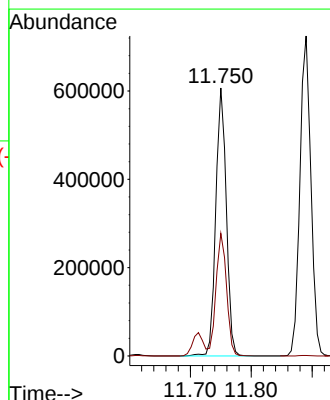
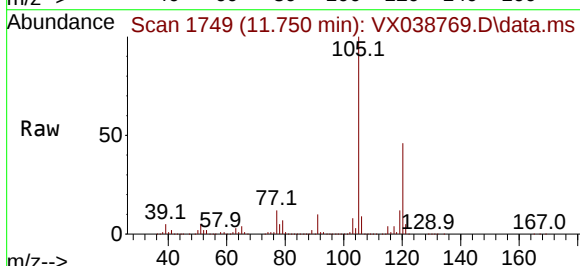
Acq: 13 Nov 2023 10:26

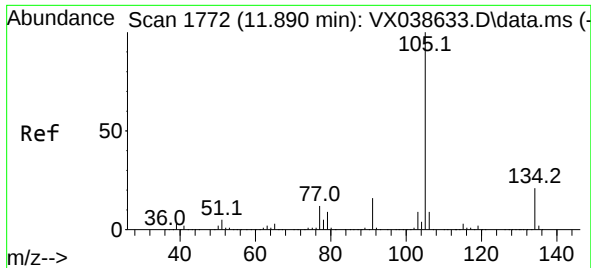
Tgt Ion:105 Resp: 727439

Ion Ratio Lower Upper

105 100

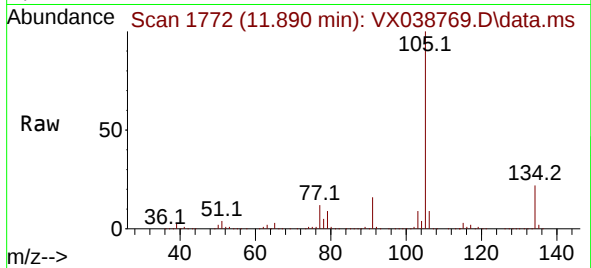
120 46.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.720 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038769.D
 Acq: 13 Nov 2023 10:26

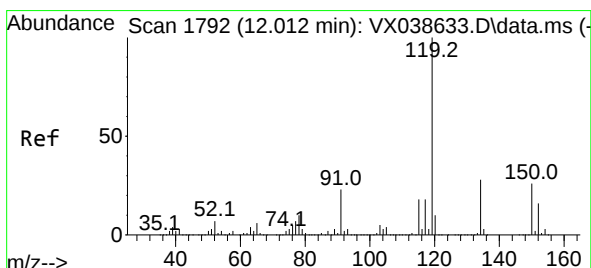
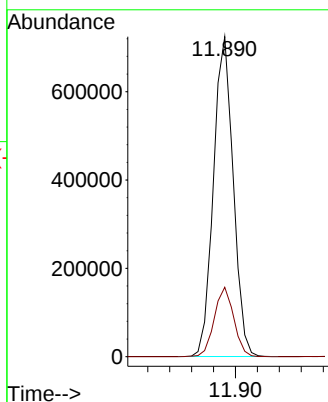
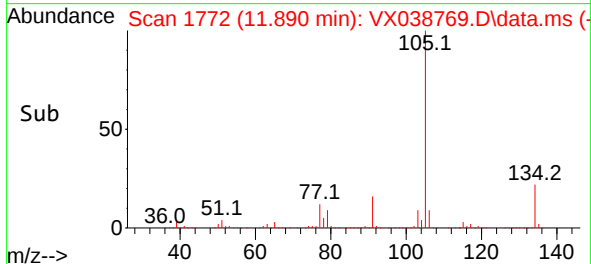
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



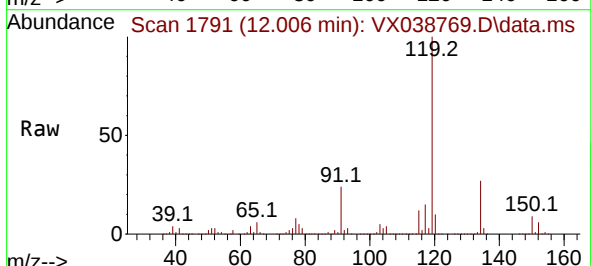
Tgt Ion:105 Resp: 906949
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.8 29.4

Manual Integrations
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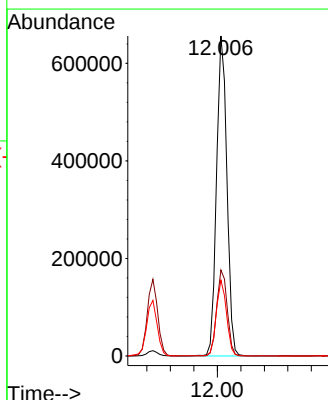
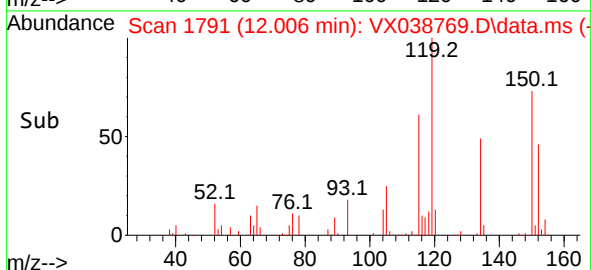
Reviewed By :John Carlone 11/14/2023
 Supervised By :Mahesh Dadoda 11/15/2023

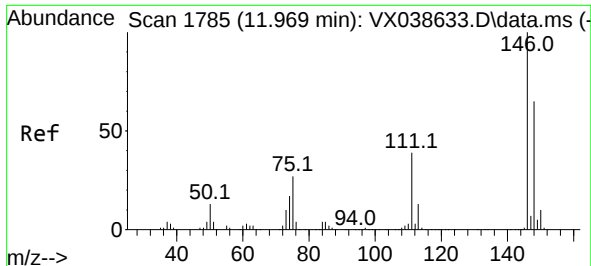


#86
 p-Isopropyltoluene
 Concen: 52.687 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038769.D
 Acq: 13 Nov 2023 10:26



Tgt Ion:119 Resp: 802567
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.599 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 436280

Ion Ratio Lower Upper

146 100

111 39.8 22.1 66.1

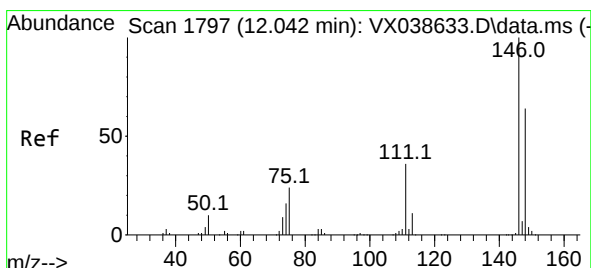
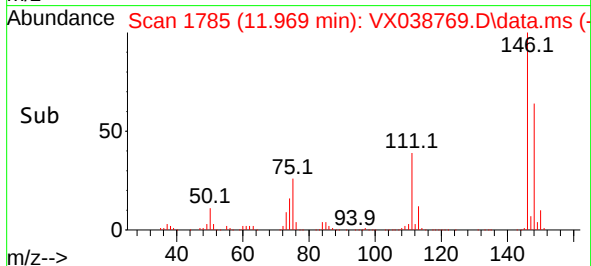
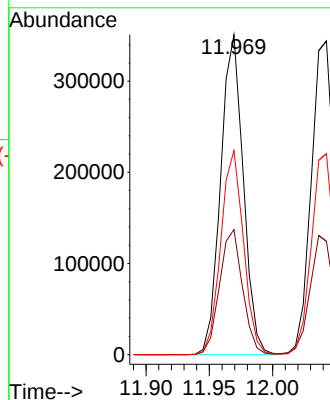
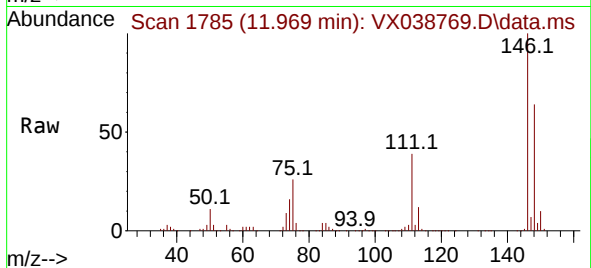
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#88

1,4-Dichlorobenzene

Concen: 50.106 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

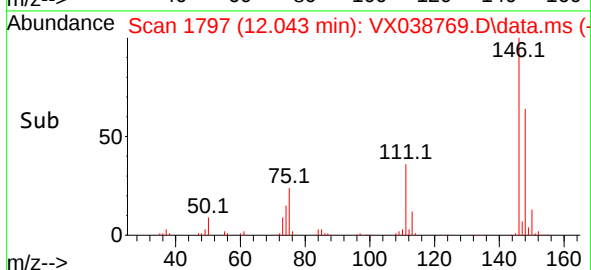
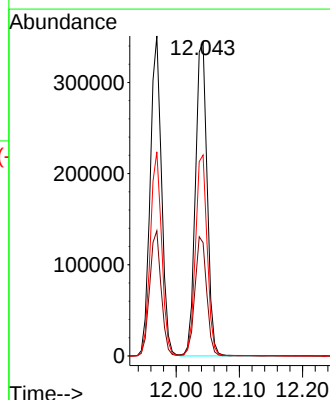
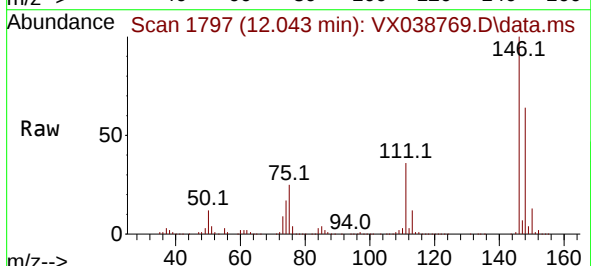
Tgt Ion:146 Resp: 444072

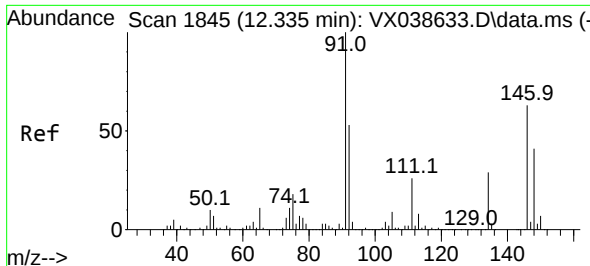
Ion Ratio Lower Upper

146 100

111 38.2 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 51.230 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 69444

Ion Ratio Lower Upper

91 100

92 52.9 27.4 82.0

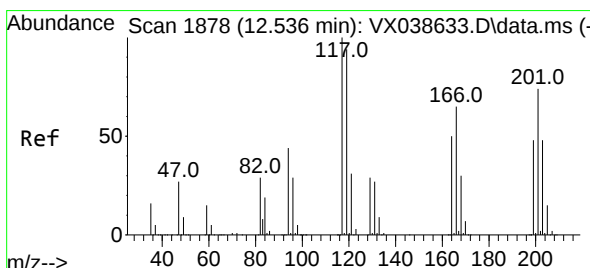
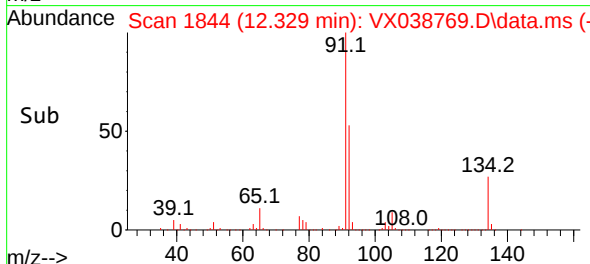
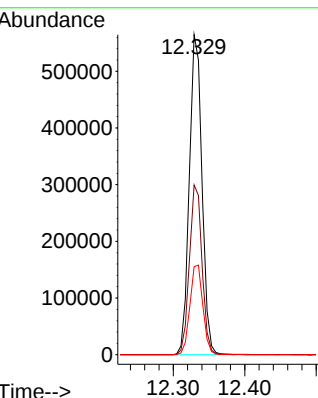
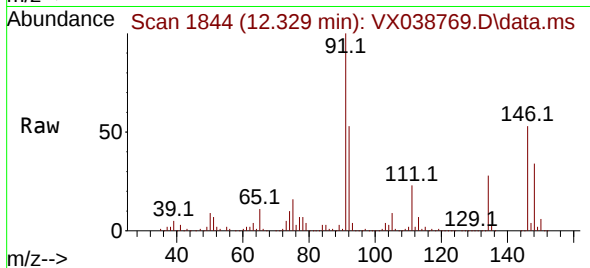
134 28.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#90

Hexachloroethane

Concen: 53.626 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038769.D

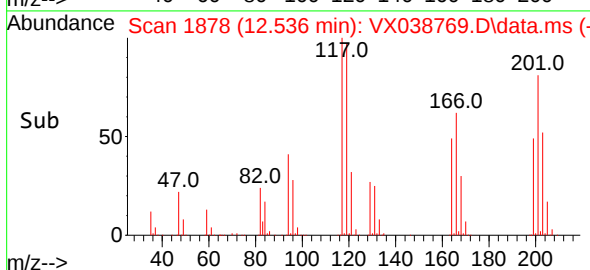
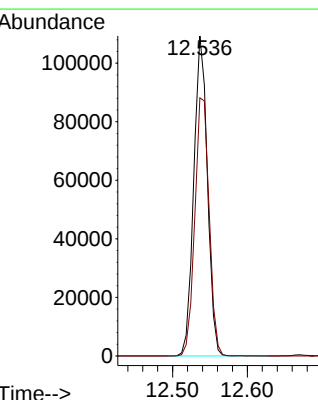
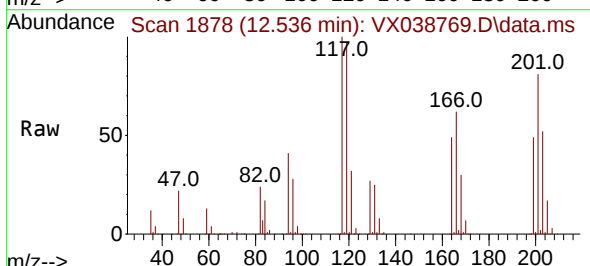
Acq: 13 Nov 2023 10:26

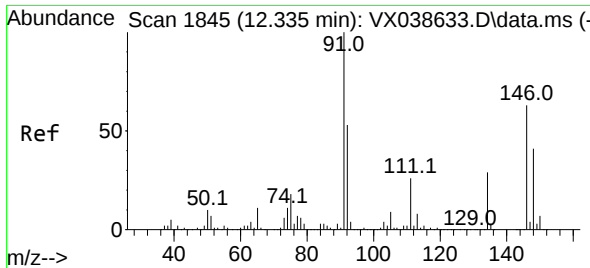
Tgt Ion:117 Resp: 138367

Ion Ratio Lower Upper

117 100

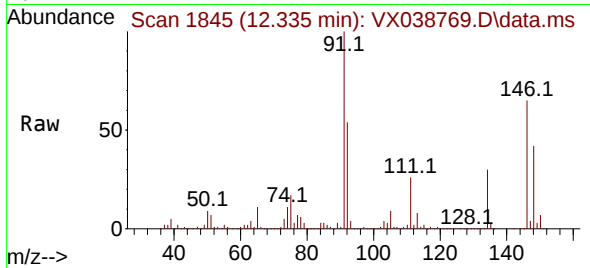
201 84.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.074 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

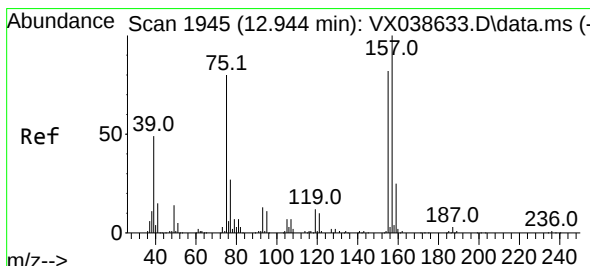
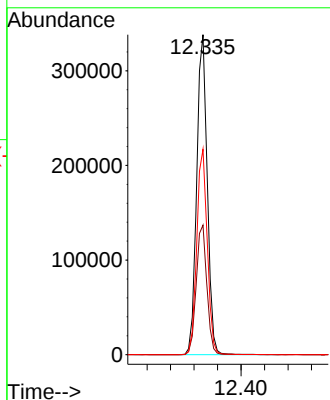
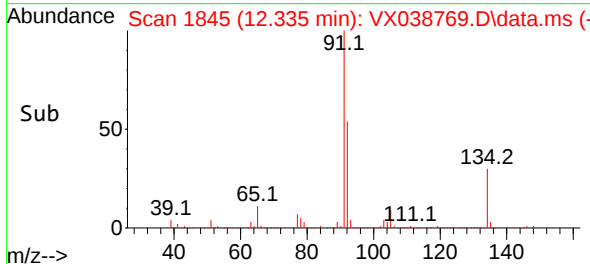
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 421658
Ion Ratio Lower Upper
146 100
111 40.9 22.4 67.0
148 64.1 31.6 95.0

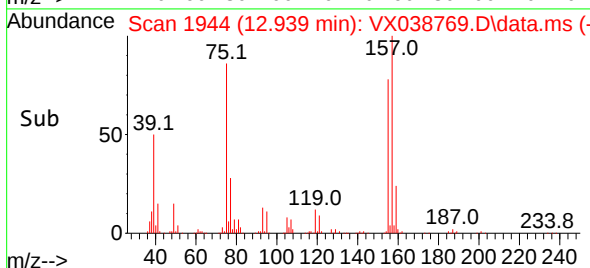
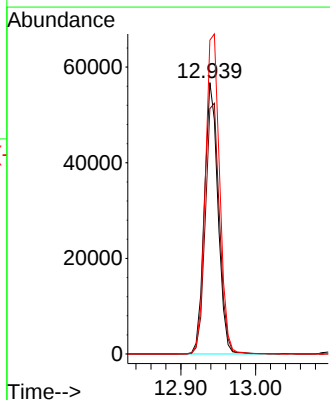
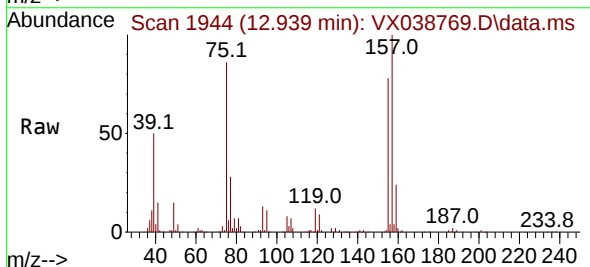
Manual Integrations
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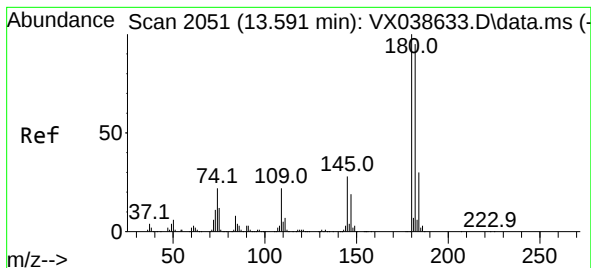
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.242 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion: 75 Resp: 71735
Ion Ratio Lower Upper
75 100
155 95.9 36.1 108.5
157 123.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.240 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

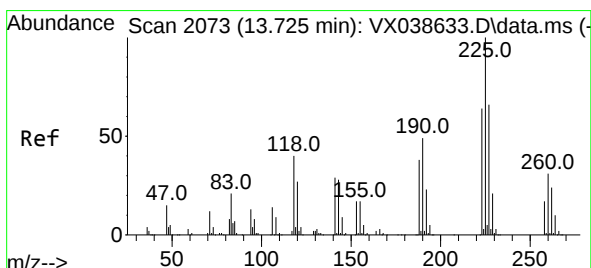
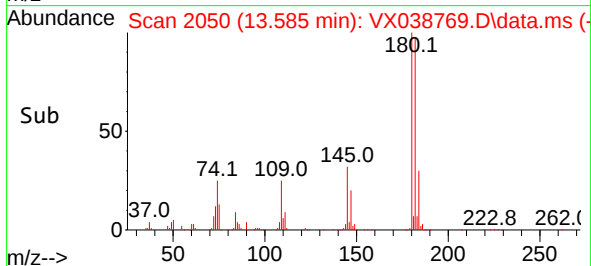
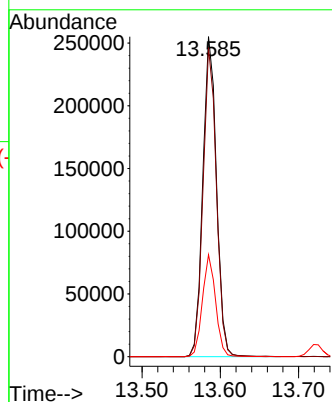
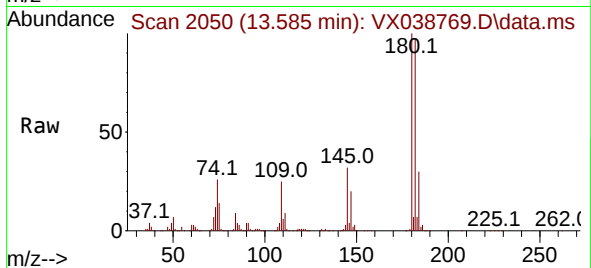
Tgt Ion:180	Resp: 30861
Ion Ratio	Lower Upper
180 100	
182 94.7	48.3 144.8
145 30.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#94

Hexachlorobutadiene

Concen: 51.488 ug/l

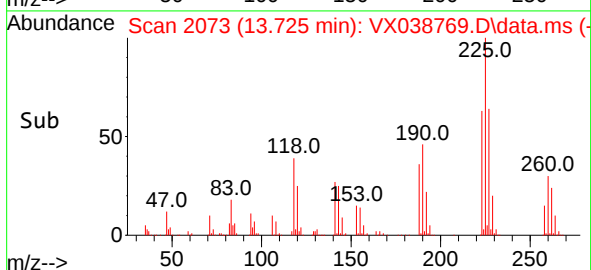
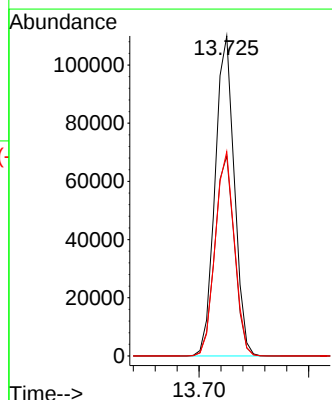
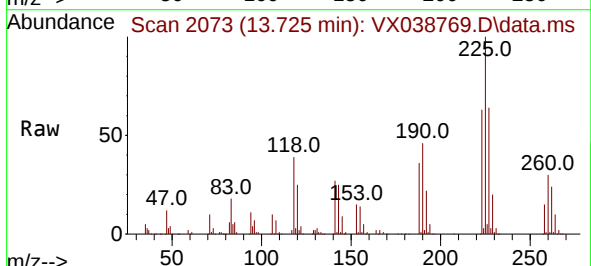
RT: 13.725 min Scan# 2073

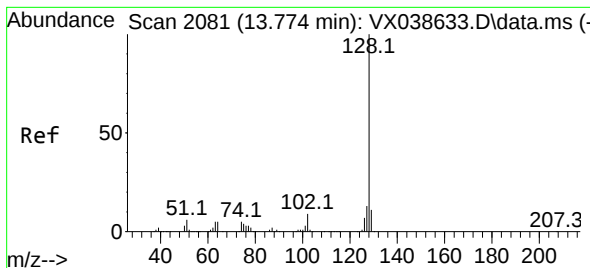
Delta R.T. 0.000 min

Lab File: VX038769.D

Acq: 13 Nov 2023 10:26

Tgt Ion:225	Resp: 133814
Ion Ratio	Lower Upper
225 100	
223 63.2	31.1 93.2
227 63.9	32.5 97.5





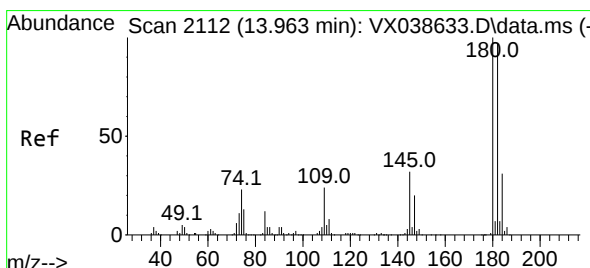
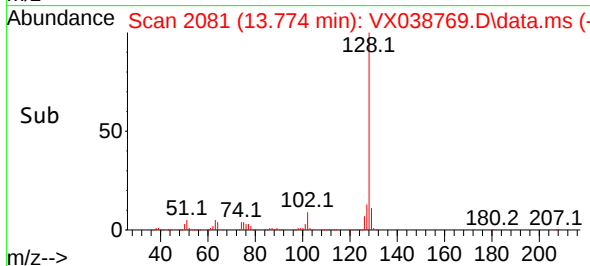
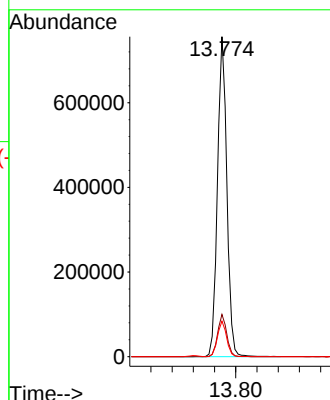
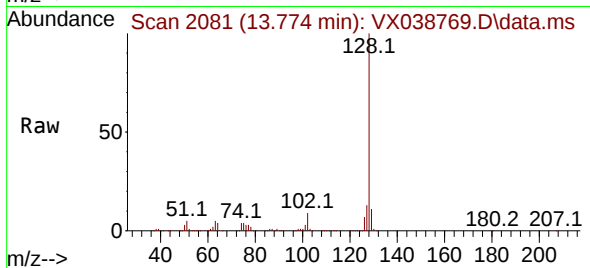
#95
Naphthalene
Concen: 51.237 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 93086
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.958 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX038769.D
Acq: 13 Nov 2023 10:26

Tgt Ion:180 Resp: 296580
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 32.2 17.8 53.5

