

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037683.D
 Acq On : 13 Sep 2023 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 14 02:14:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Mahesh Dadoda 09/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	219077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158158	44.621	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.240%		
35) Dibromofluoromethane	5.385	113	132537	51.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.660%		
50) Toluene-d8	8.647	98	498344	51.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.360%		
62) 4-Bromofluorobenzene	11.079	95	187793	53.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	118556	49.359	ug/l	98
3) Chloromethane	1.301	50	124935	45.658	ug/l	99
4) Vinyl Chloride	1.374	62	139301	45.255	ug/l	100
5) Bromomethane	1.599	94	121969	47.372	ug/l	99
6) Chloroethane	1.679	64	85913	40.594	ug/l	96
7) Trichlorofluoromethane	1.880	101	235224	46.188	ug/l	100
8) Diethyl Ether	2.136	74	90417	44.735	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	115698	50.680	ug/l	98
10) Methyl Iodide	2.453	142	142067	52.695	ug/l	93
11) Tert butyl alcohol	2.965	59	178352	242.766	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	108126	47.972	ug/l	87
13) Acrolein	2.233	56	143420	247.651	ug/l	99
14) Allyl chloride	2.660	41	190728	48.304	ug/l	95
15) Acrylonitrile	3.063	53	382618	235.381	ug/l	99
16) Acetone	2.380	43	358469	250.155	ug/l	90
17) Carbon Disulfide	2.508	76	264525	46.167	ug/l	99
18) Methyl Acetate	2.703	43	279095	46.120	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	429760	48.298	ug/l	100
20) Methylene Chloride	2.788	84	138461	49.972	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	123484	47.619	ug/l	92
22) Diisopropyl ether	3.764	45	411804	47.873	ug/l #	83
23) Vinyl Acetate	3.721	43	1548922	246.868	ug/l	96
24) 1,1-Dichloroethane	3.611	63	235471	46.975	ug/l	100
25) 2-Butanone	4.556	43	542826	232.320	ug/l	92
26) 2,2-Dichloropropane	4.471	77	198013	56.788	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	153203	48.448	ug/l	91
28) Bromochloromethane	4.898	49	113403	44.779	ug/l	88
29) Tetrahydrofuran	5.001	42	340073	228.553	ug/l	91
30) Chloroform	5.093	83	256033	47.295	ug/l	97
31) Cyclohexane	5.471	56	196178	48.064	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	222553	49.395	ug/l	98
36) 1,1-Dichloropropene	5.690	75	176720	50.314	ug/l	97
37) Ethyl Acetate	4.715	43	204922	50.989	ug/l	97
38) Carbon Tetrachloride	5.678	117	191286	53.310	ug/l	98
39) Methylcyclohexane	7.379	83	225786	54.325	ug/l	94
40) Benzene	6.038	78	544199	51.108	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	106568	50.342	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	202505	48.659	ug/l	98
43) Isopropyl Acetate	6.342	43	333764	52.056	ug/l	97
44) Trichloroethene	7.123	130	141611	53.230	ug/l	97
45) 1,2-Dichloropropane	7.428	63	142185	50.599	ug/l	98
46) Dibromomethane	7.580	93	104969	51.346	ug/l	95
47) Bromodichloromethane	7.824	83	198734	53.850	ug/l	99
48) Methyl methacrylate	7.690	41	161394	52.074	ug/l #	89
49) 1,4-Dioxane	7.659	88	82607	1075.778	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	1086173	257.993	ug/l	96
52) Toluene	8.720	92	355668	51.951	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	219759	58.734	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	231663	56.426	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	153932	53.396	ug/l	95
56) Ethyl methacrylate	9.116	69	237962	53.950	ug/l	92
57) 1,3-Dichloropropane	9.311	76	247259	51.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	612770	286.517	ug/l	100
59) 2-Hexanone	9.427	43	849733	261.476	ug/l	94
60) Dibromochloromethane	9.519	129	162330	57.327	ug/l	100
61) 1,2-Dibromoethane	9.610	107	164341	53.035	ug/l	99
64) Tetrachloroethene	9.275	164	120642	53.346	ug/l	99
65) Chlorobenzene	10.080	112	393335	52.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	145058	56.574	ug/l	97
67) Ethyl Benzene	10.195	91	710524	53.666	ug/l	100
68) m/p-Xylenes	10.299	106	547939	108.539	ug/l	99
69) o-Xylene	10.640	106	274812	54.599	ug/l	97
70) Styrene	10.653	104	458829	55.876	ug/l	96
71) Bromoform	10.799	173	120960	60.289	ug/l #	99
73) Isopropylbenzene	10.964	105	719629	51.372	ug/l	98
74) N-amyl acetate	10.842	43	311604	51.012	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	257029	49.031	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	204721m	49.769	ug/l	
77) Bromobenzene	11.195	156	176000	53.017	ug/l	91
78) n-propylbenzene	11.305	91	851805	52.854	ug/l	100
79) 2-Chlorotoluene	11.366	91	502446	50.647	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	623805	52.986	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	78334	57.887	ug/l	88
82) 4-Chlorotoluene	11.457	91	584052	51.538	ug/l	97
83) tert-Butylbenzene	11.713	119	618877	52.327	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	623563	52.536	ug/l	98
85) sec-Butylbenzene	11.890	105	783593	53.666	ug/l	99
86) p-Isopropyltoluene	12.006	119	665415	55.614	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	336169	52.740	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	335840	51.266	ug/l	98
89) n-Butylbenzene	12.335	91	597970	55.181	ug/l	97
90) Hexachloroethane	12.536	117	113745	56.337	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	332630	52.158	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55265	51.343	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	212769	56.022	ug/l	95
94) Hexachlorobutadiene	13.725	225	91348	57.578	ug/l	98
95) Naphthalene	13.774	128	720035	52.337	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	212018	54.408	ug/l	99

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VSTDCCC050

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QLast Update : Tue Sep 12 10:10:04 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

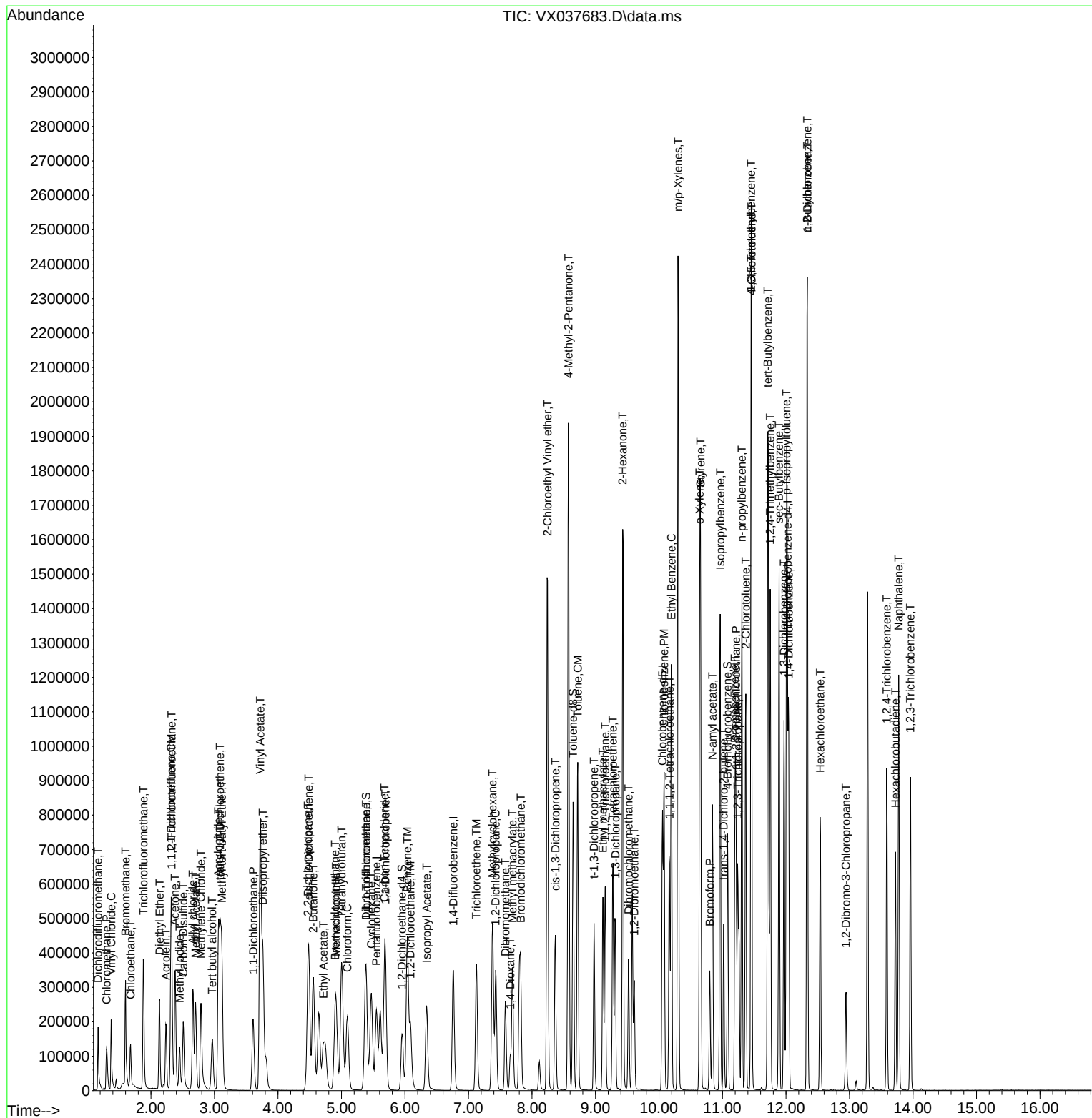
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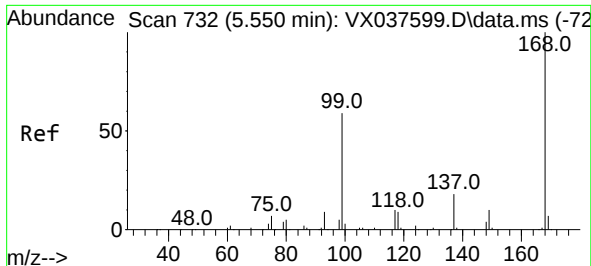
Instrument :
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Manual Integrations APPROVED

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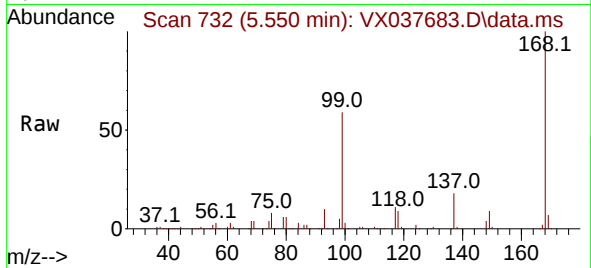
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037683.D
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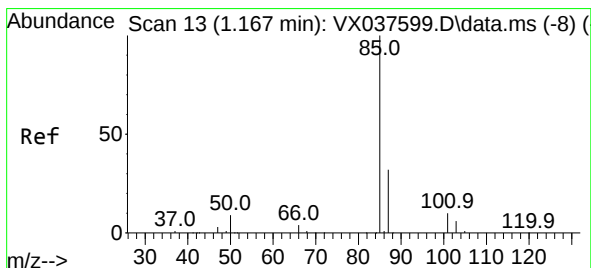
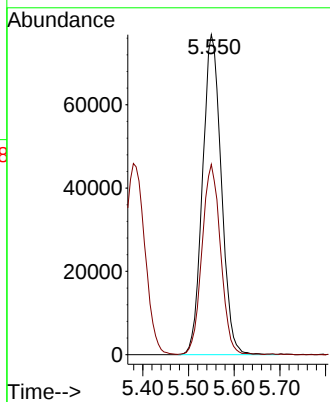
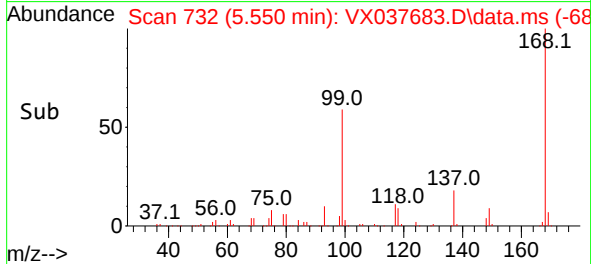
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 21907
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0

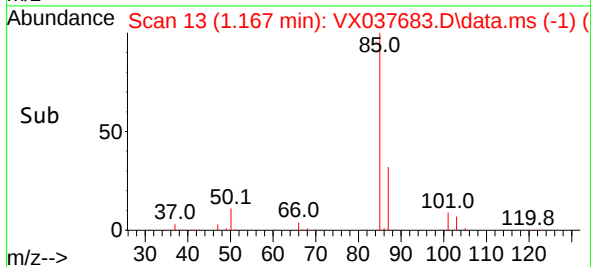
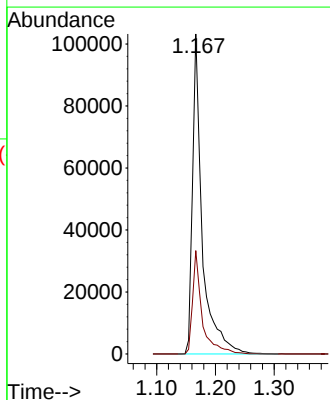
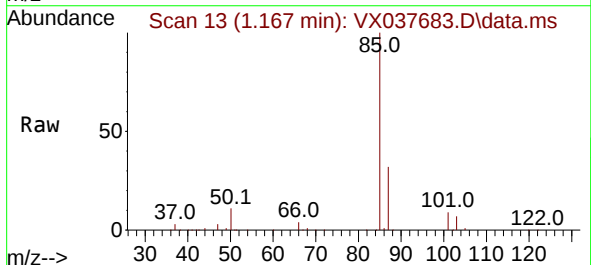
Manual Integrations
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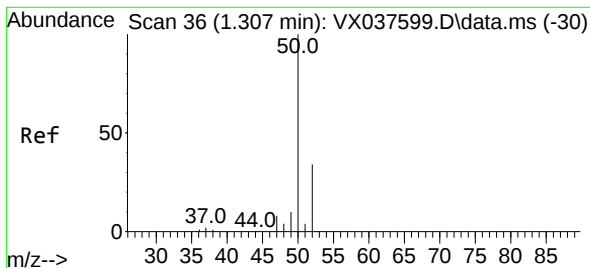
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#2
Dichlorodifluoromethane
Concen: 49.359 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 85 Resp: 118556
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3

Chloromethane

Concen: 45.658 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 12493

Ion Ratio Lower Upper

50 100

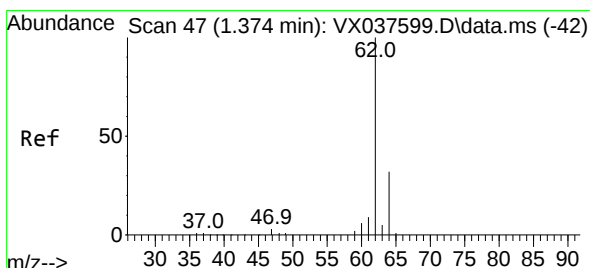
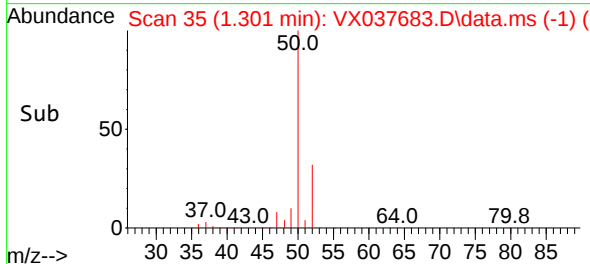
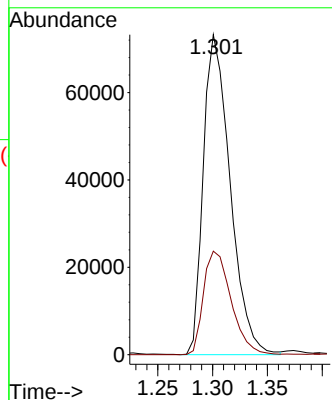
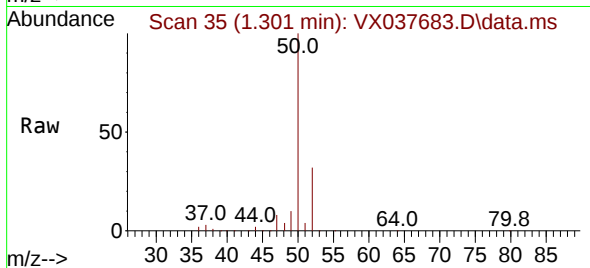
52 32.3 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.255 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037683.D

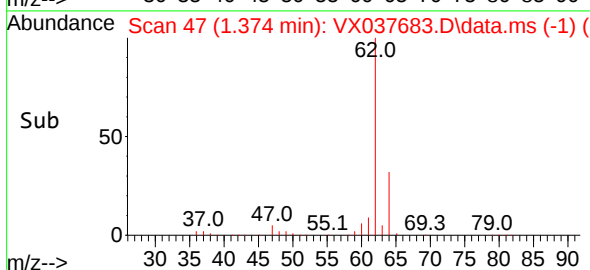
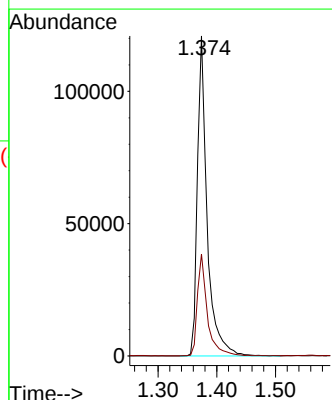
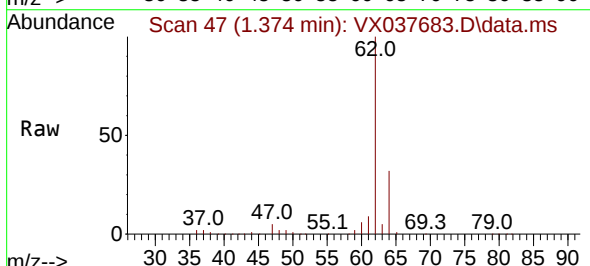
Acq: 13 Sep 2023 10:19

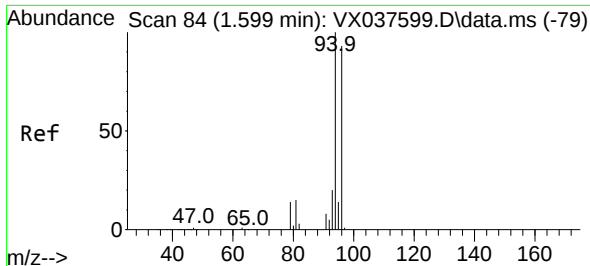
Tgt Ion: 62 Resp: 139301

Ion Ratio Lower Upper

62 100

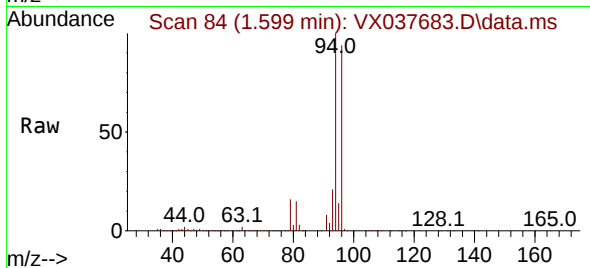
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 47.372 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037683.D
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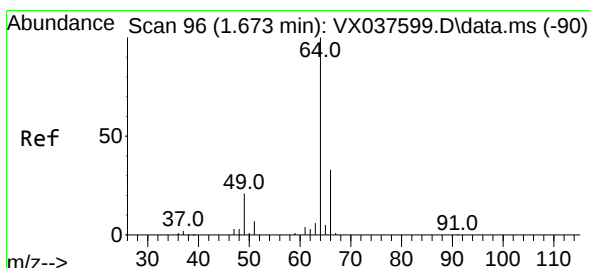
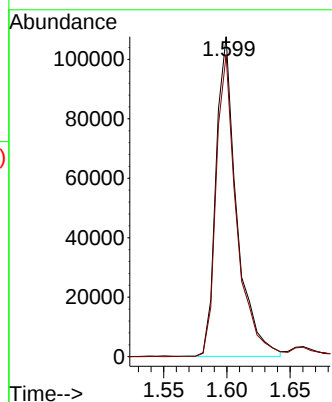
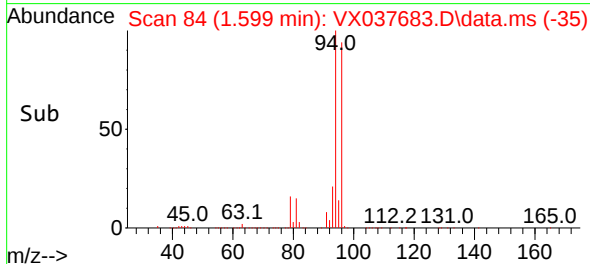
Instrument :
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Tgt Ion: 94 Resp: 121969
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

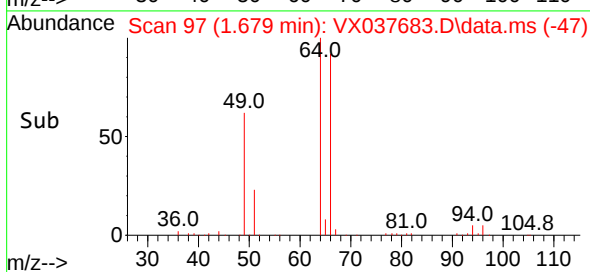
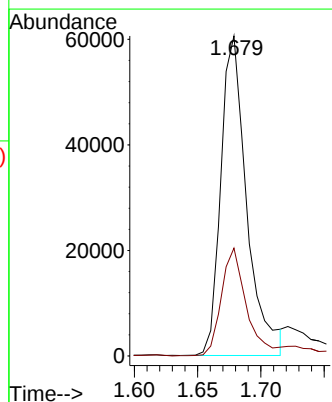
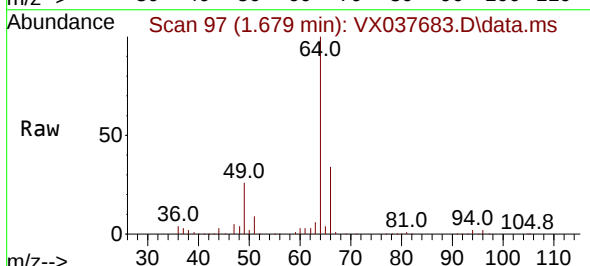
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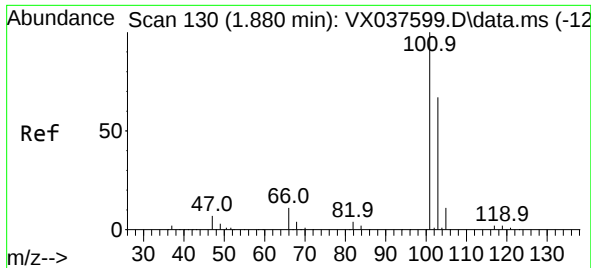
Reviewed By :John Carlone 09/14/2023
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#6
Chloroethane
Concen: 40.594 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 64 Resp: 85913
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





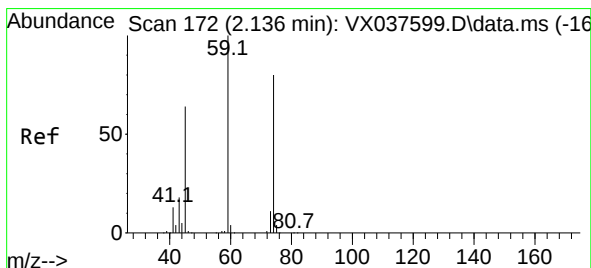
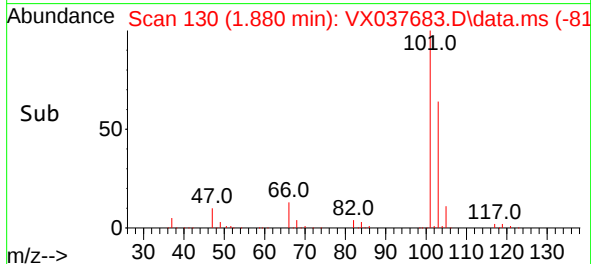
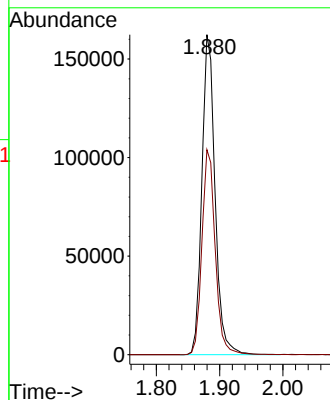
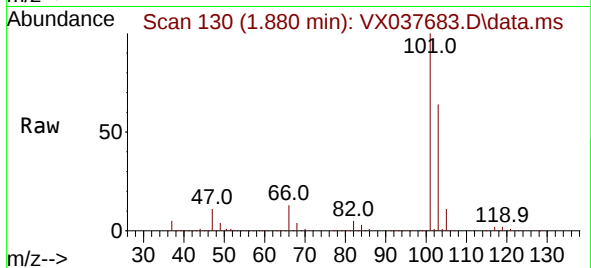
#7
Trichlorofluoromethane
Concen: 46.188 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
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Tgt Ion:101 Resp: 235224
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

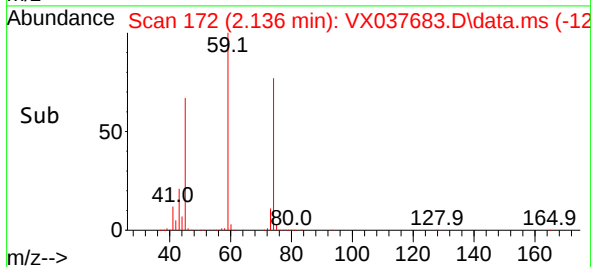
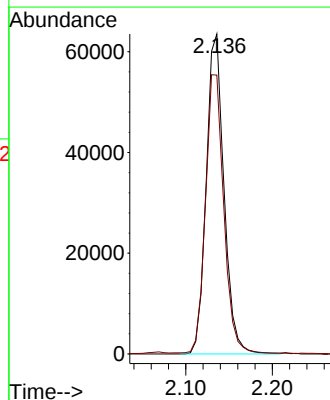
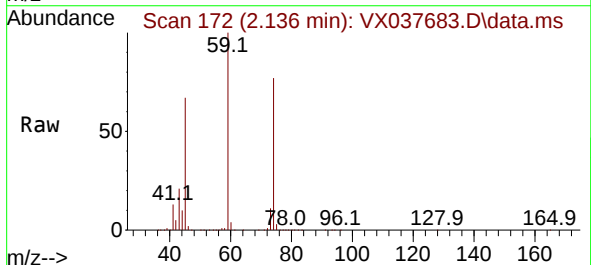
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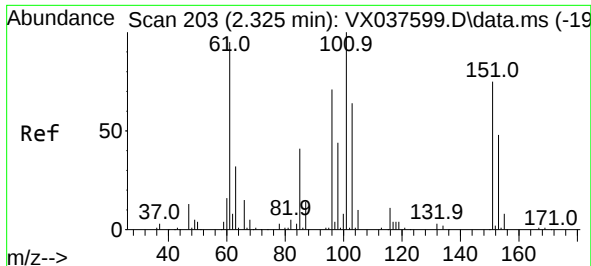
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#8
Diethyl Ether
Concen: 44.735 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 74 Resp: 90417
Ion Ratio Lower Upper
74 100
45 90.2 53.3 159.8





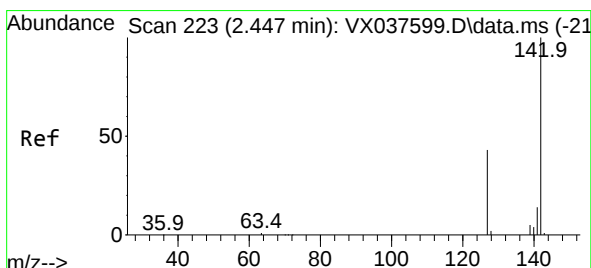
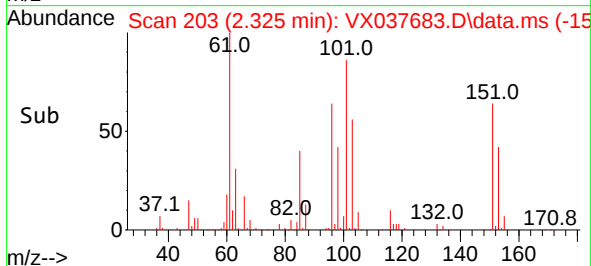
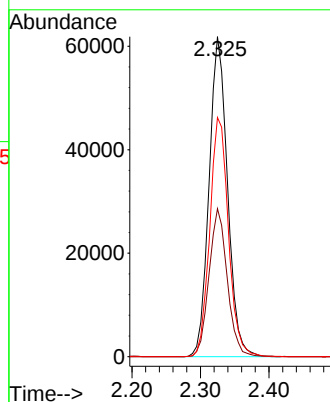
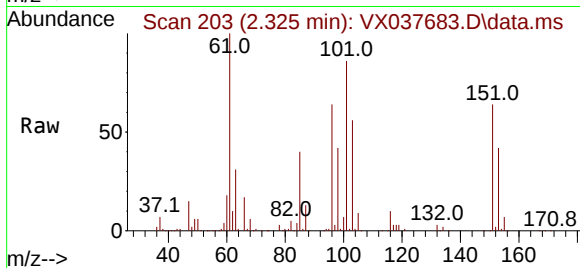
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.680 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 115698
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 75.9 58.6 87.8

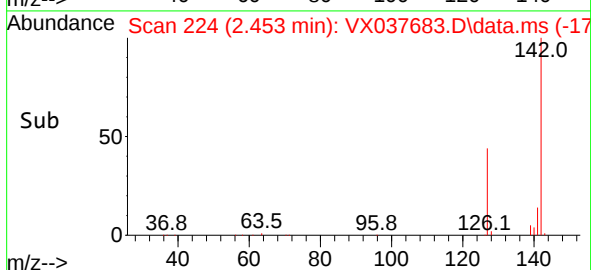
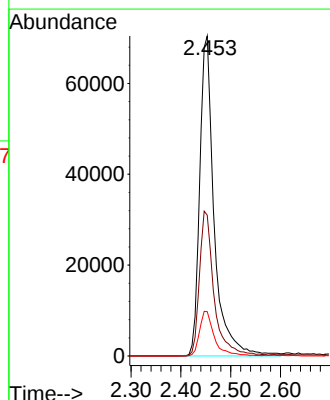
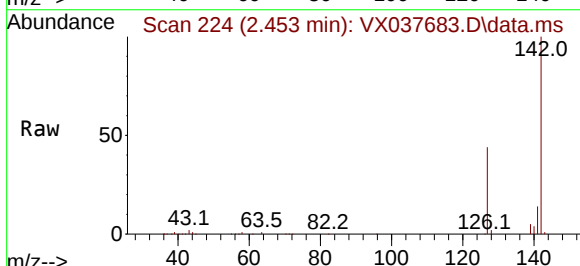
Manual Integrations
APPROVED

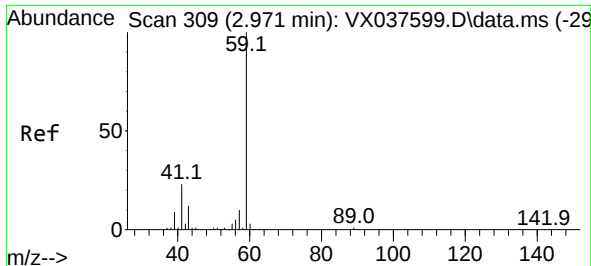
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#10
Methyl Iodide
Concen: 52.695 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:142 Resp: 142067
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 14.3 11.6 17.4





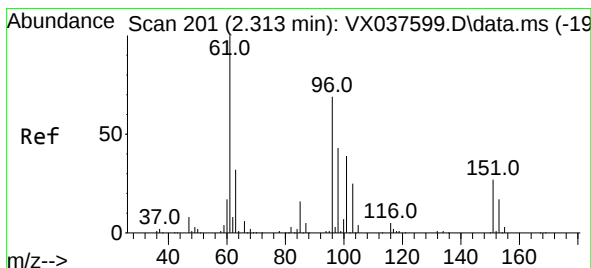
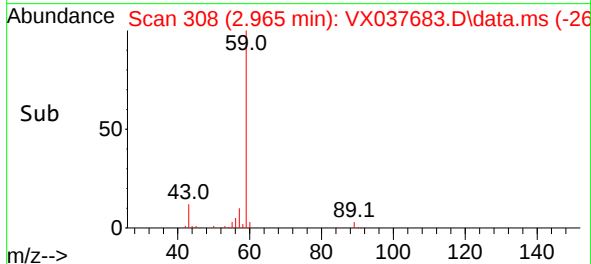
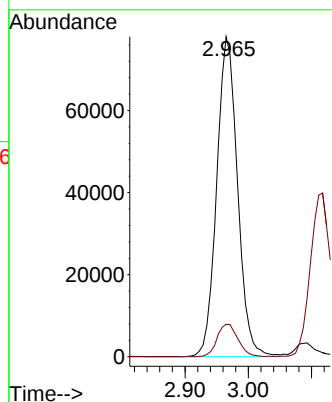
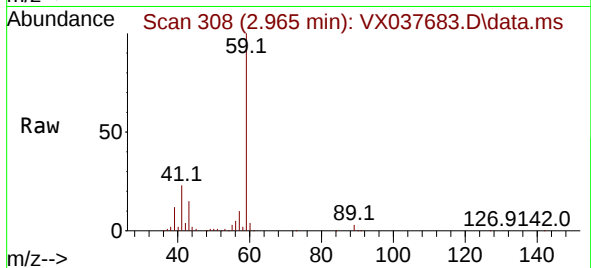
#11
Tert butyl alcohol
Concen: 242.766 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 178352
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

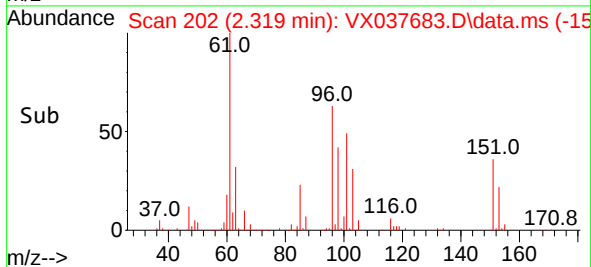
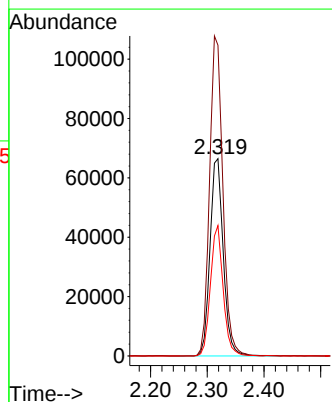
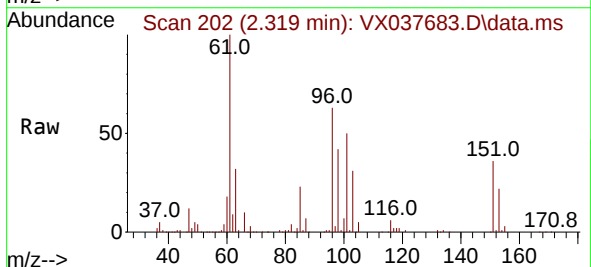
Manual Integrations
APPROVED

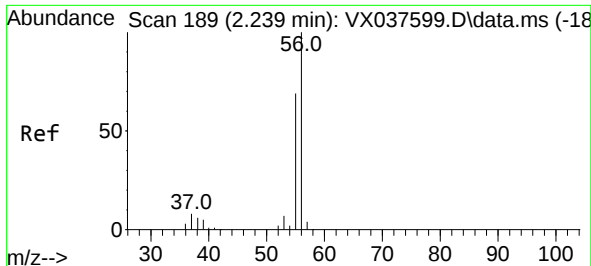
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#12
1,1-Dichloroethene
Concen: 47.972 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

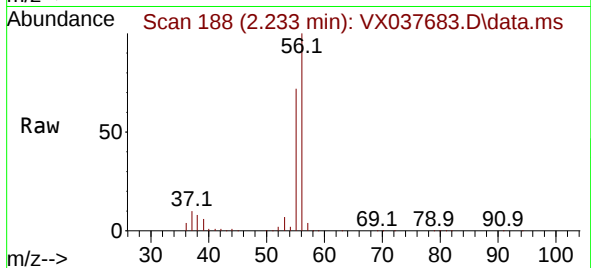
Tgt Ion: 96 Resp: 108126
Ion Ratio Lower Upper
96 100
61 157.5 144.6 216.8
98 66.1 50.4 75.6





#13
Acrolein
Concen: 247.651 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

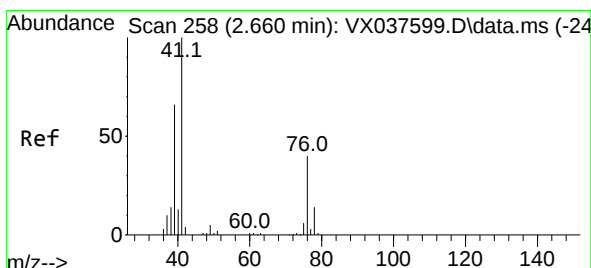
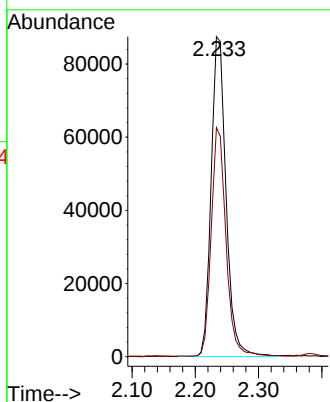
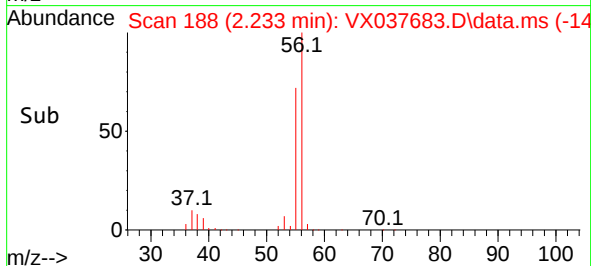
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 143420
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

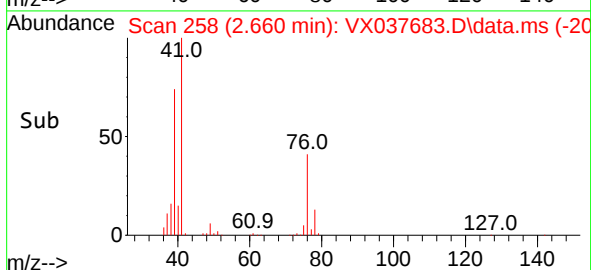
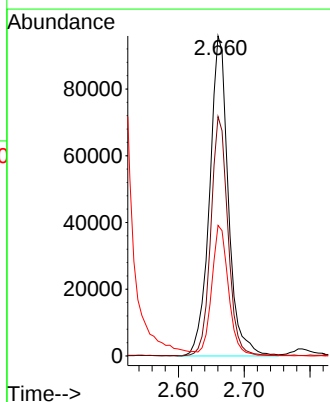
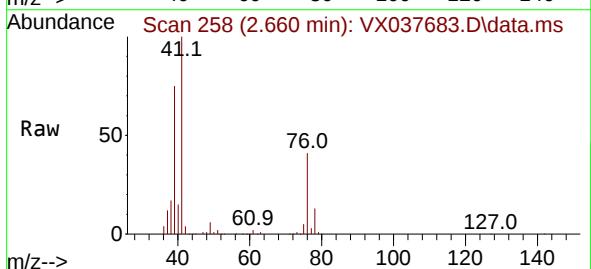
Manual Integrations
APPROVED

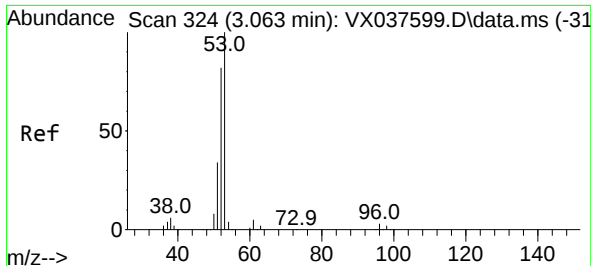
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#14
Allyl chloride
Concen: 48.304 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

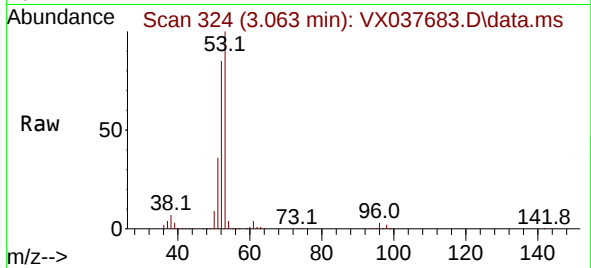
Tgt Ion: 41 Resp: 190728
Ion Ratio Lower Upper
41 100
39 68.2 55.8 83.6
76 36.3 24.3 36.5





#15
Acrylonitrile
Concen: 235.381 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

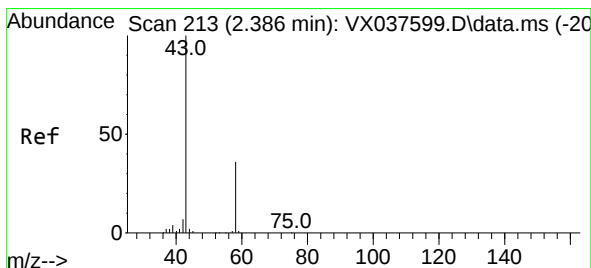
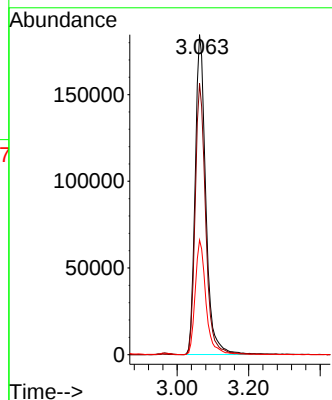
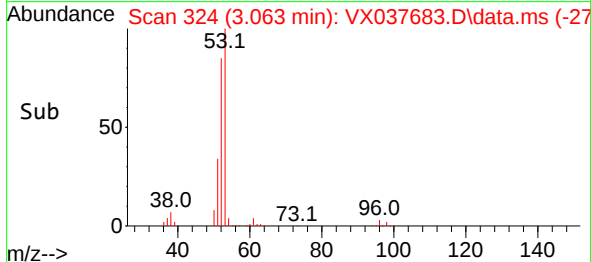
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 382618
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 36.4 29.8 44.6

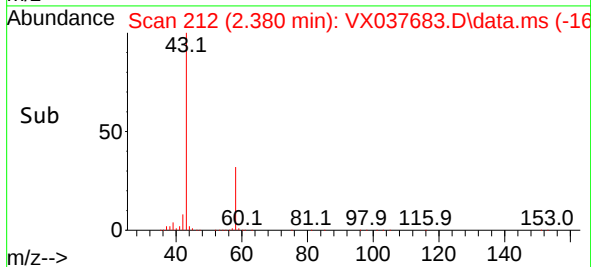
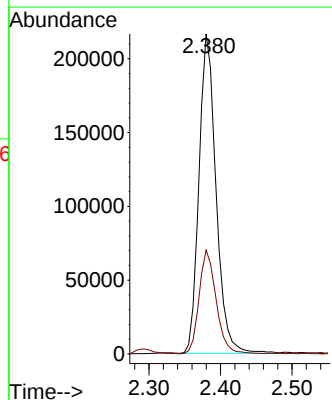
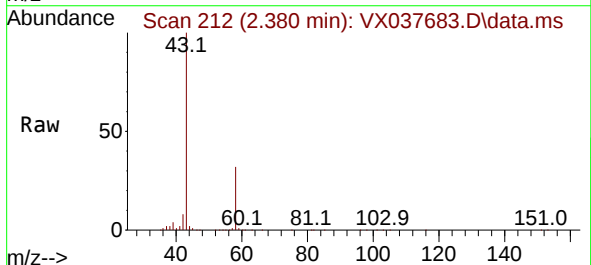
Manual Integrations
APPROVED

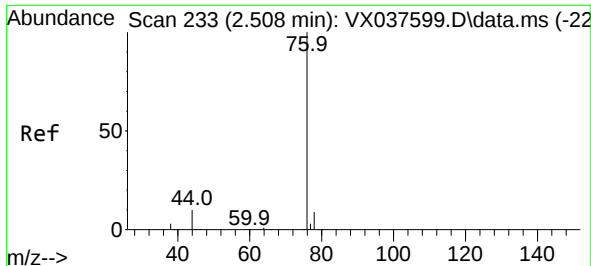
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#16
Acetone
Concen: 250.155 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 43 Resp: 358469
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





#17

Carbon Disulfide

Concen: 46.167 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 26452

Ion Ratio Lower Upper

76 100

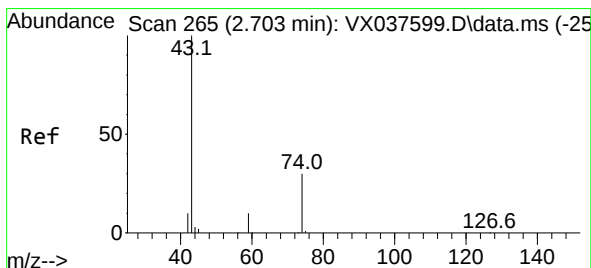
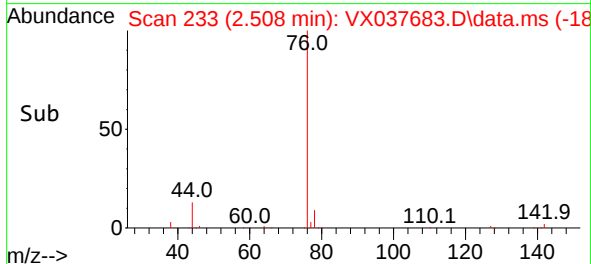
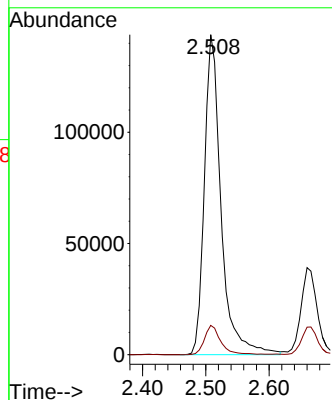
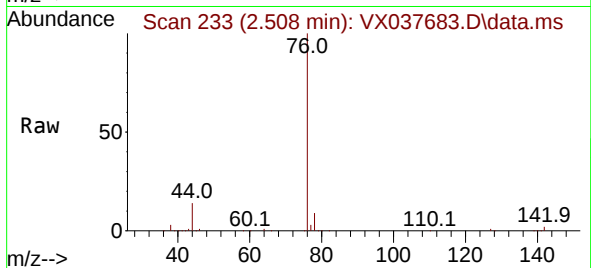
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#18

Methyl Acetate

Concen: 46.120 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037683.D

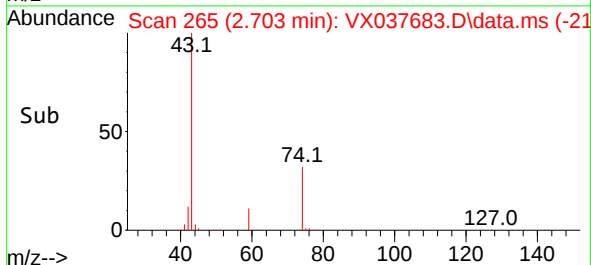
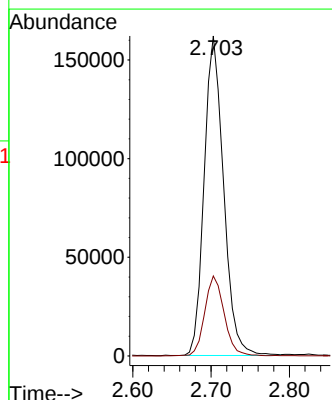
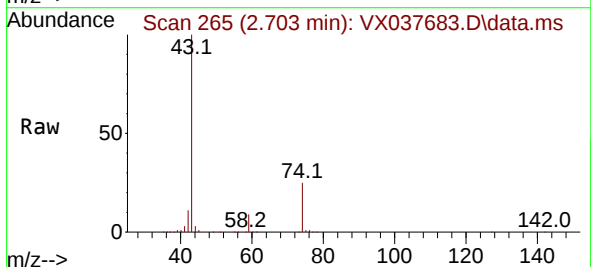
Acq: 13 Sep 2023 10:19

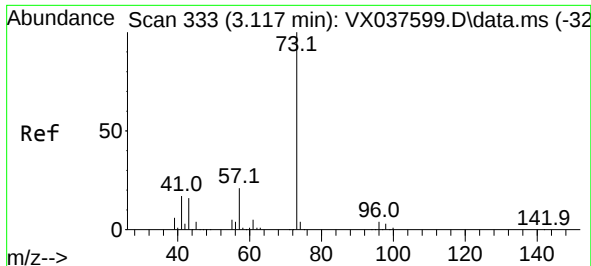
Tgt Ion: 43 Resp: 279095

Ion Ratio Lower Upper

43 100

74 25.1 17.8 26.8





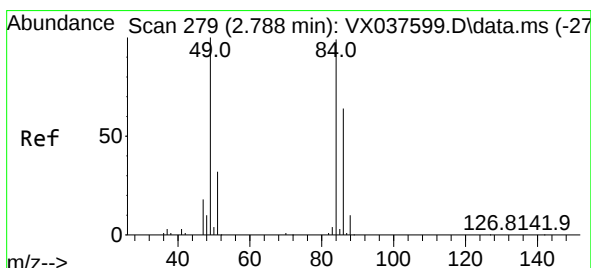
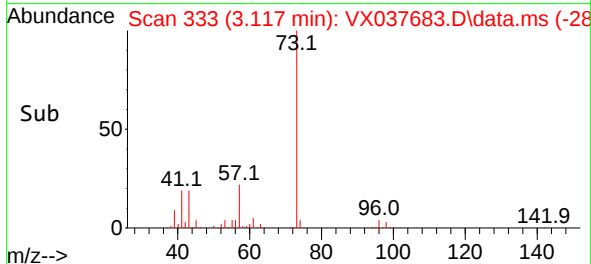
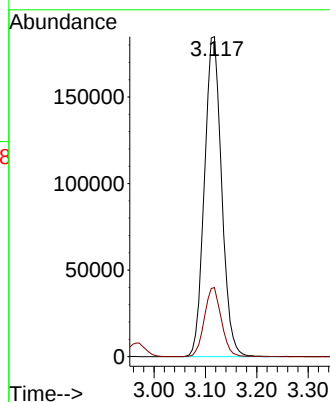
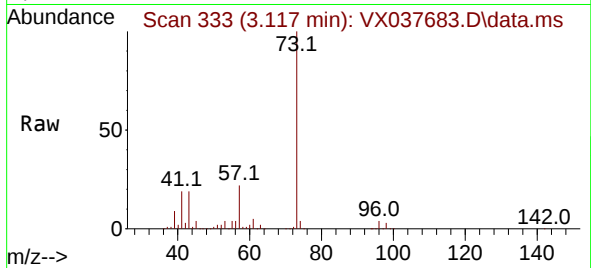
#19
Methyl tert-butyl Ether
Concen: 48.298 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 429760
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

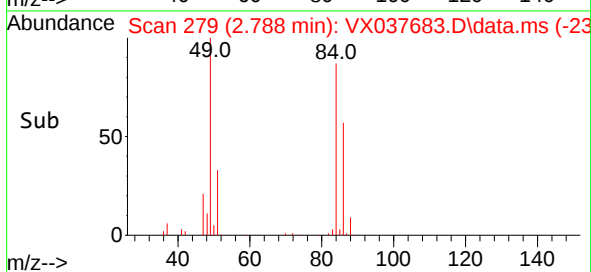
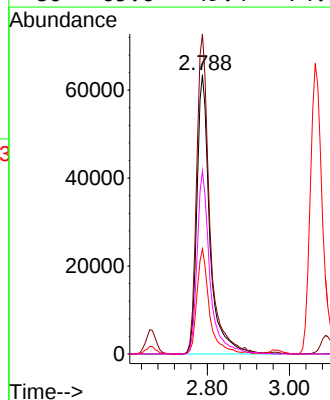
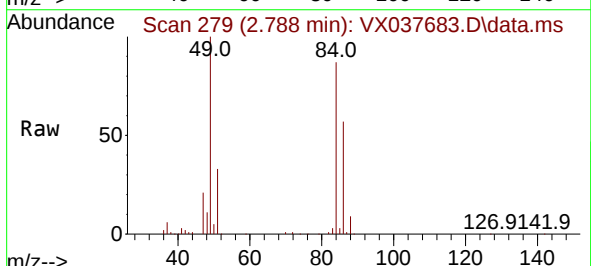
Manual Integrations
APPROVED

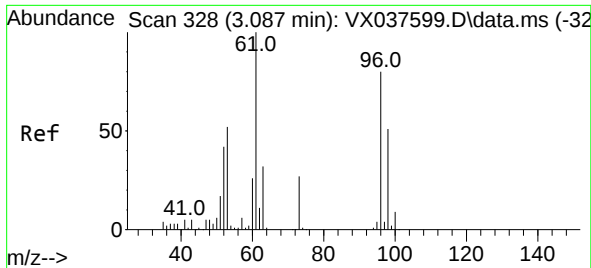
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#20
Methylene Chloride
Concen: 49.972 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

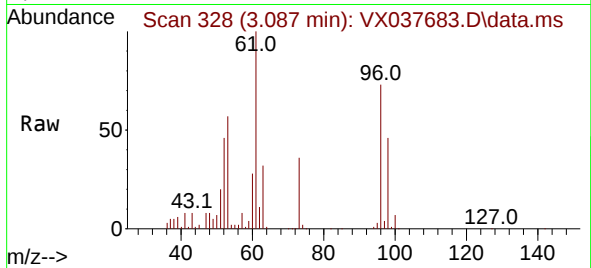
Tgt Ion: 84 Resp: 138461
Ion Ratio Lower Upper
84 100
49 114.6 103.6 155.4
51 37.7 33.8 50.6
86 65.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.619 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

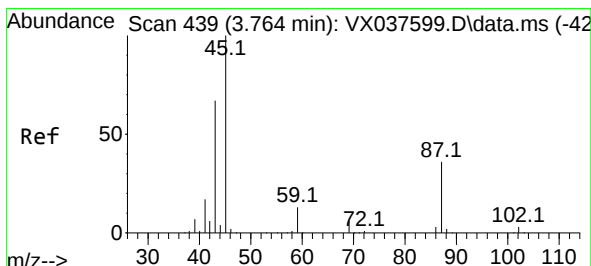
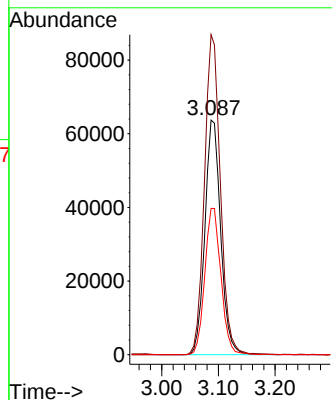
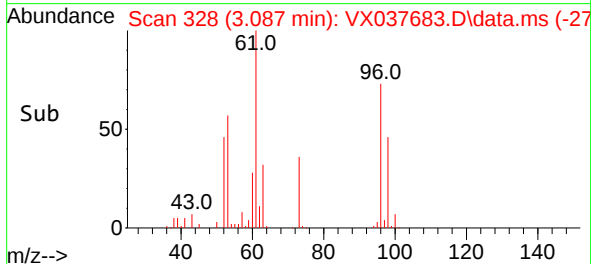
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



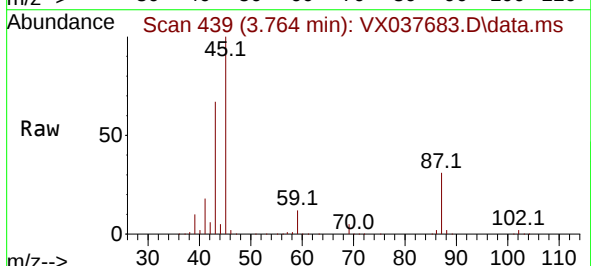
Tgt Ion: 96 Resp: 123484
Ion Ratio Lower Upper
96 100
61 136.4 119.2 178.8
98 62.4 48.7 73.1

Manual Integrations
APPROVED

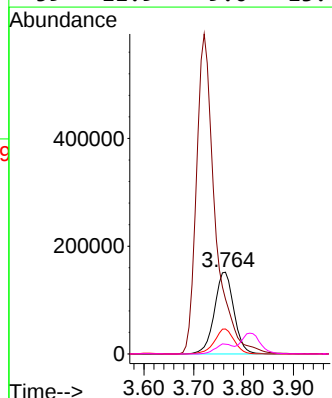
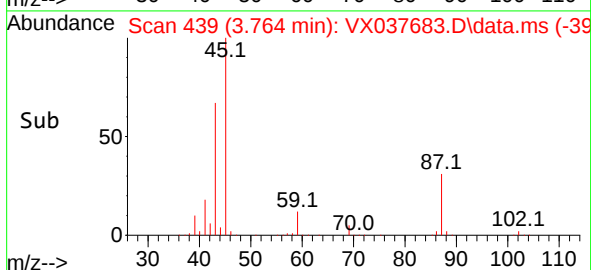
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

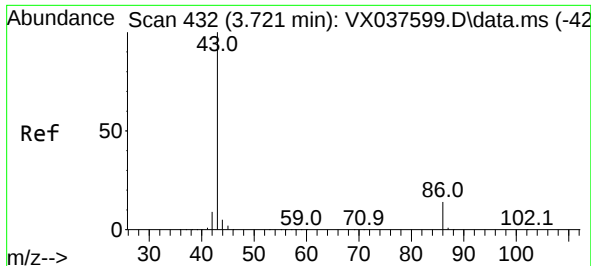


#22
Diisopropyl ether
Concen: 47.873 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19



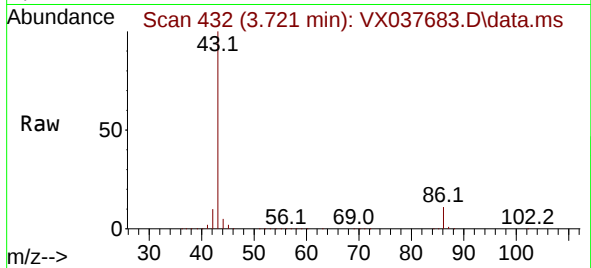
Tgt Ion: 45 Resp: 411804
Ion Ratio Lower Upper
45 100
43 66.7 69.7 104.5#
87 30.5 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 246.868 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX037683.D
 Acq: 13 Sep 2023 10:19

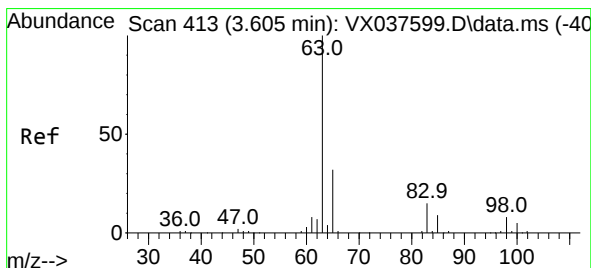
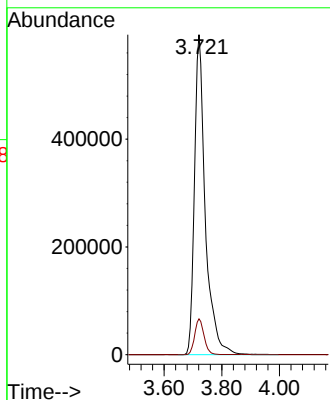
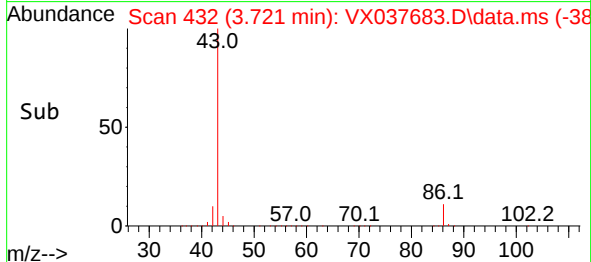
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



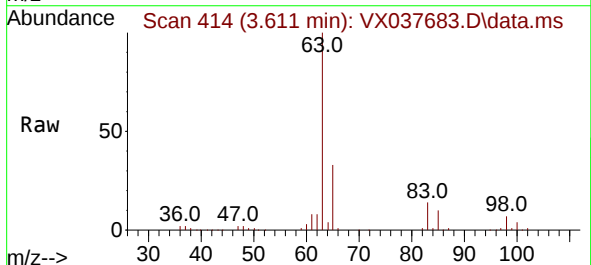
Tgt Ion: 43 Resp: 154892
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8

Manual Integrations
 APPROVED

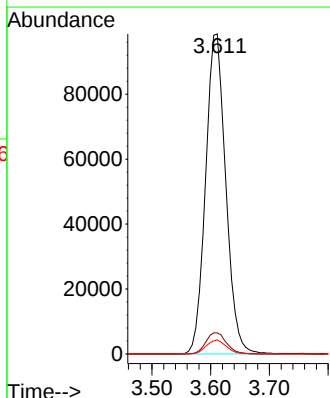
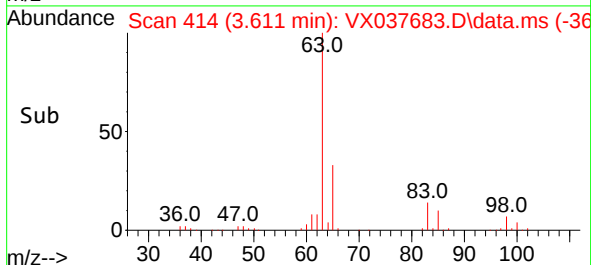
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

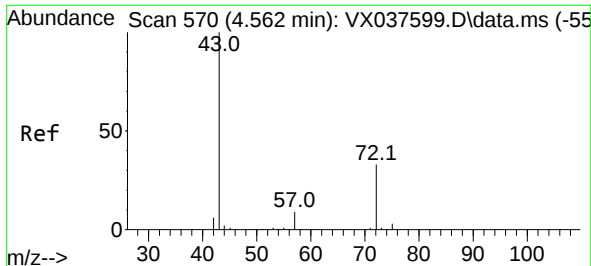


#24
 1,1-Dichloroethane
 Concen: 46.975 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037683.D
 Acq: 13 Sep 2023 10:19



Tgt Ion: 63 Resp: 235471
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.4 2.1 6.5





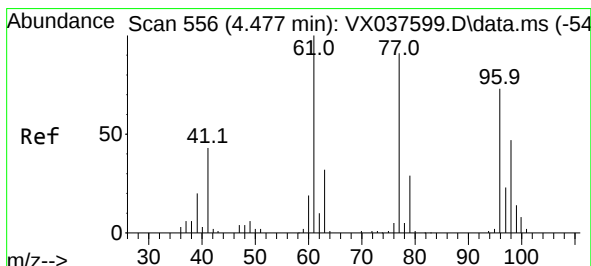
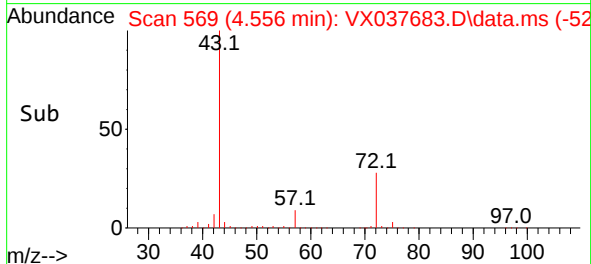
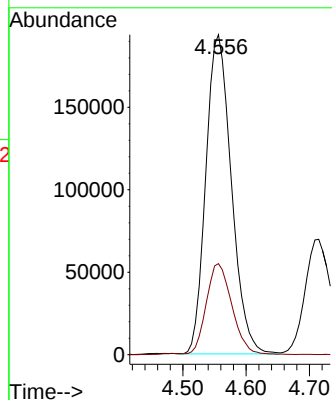
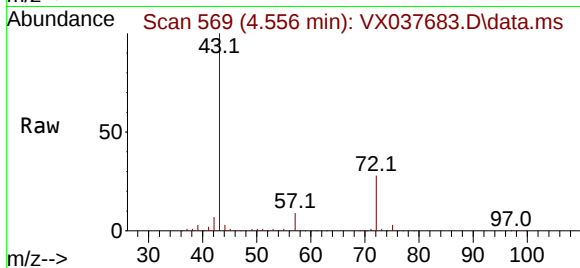
#25
2-Butanone
Concen: 232.320 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 542820
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2

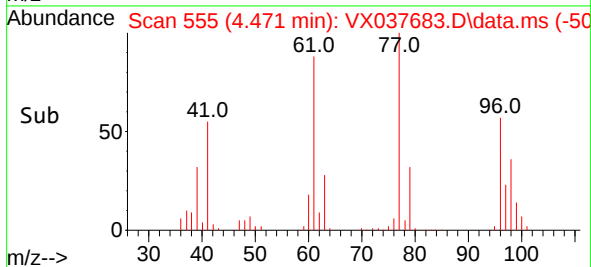
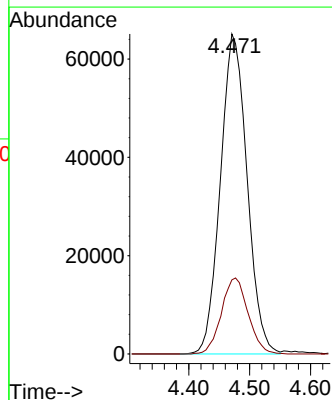
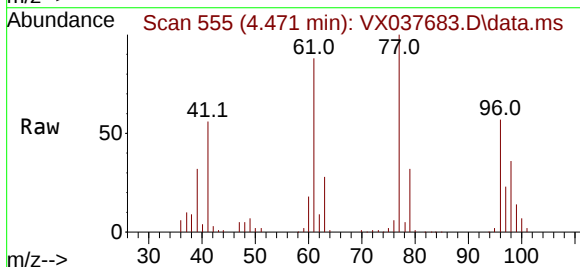
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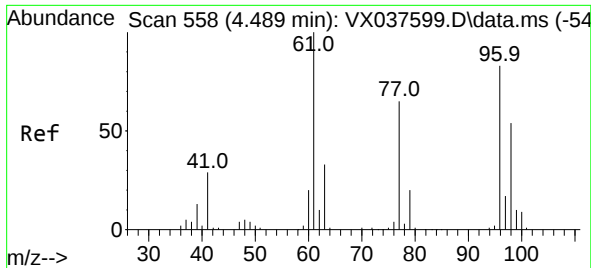
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#26
2,2-Dichloropropane
Concen: 56.788 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 77 Resp: 198013
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.448 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 15320

Ion Ratio Lower Upper

96 100

61 141.0 0.0 312.2

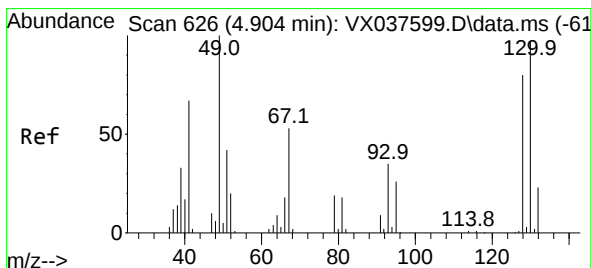
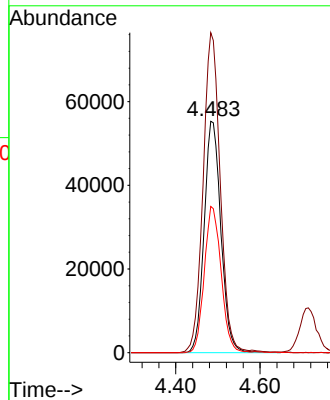
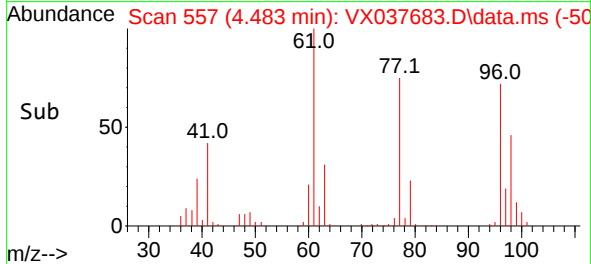
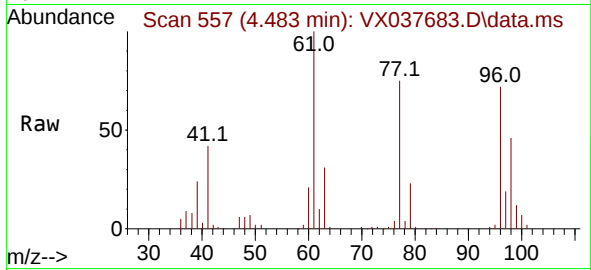
98 63.4 0.0 129.0

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Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#28

Bromochloromethane

Concen: 44.779 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

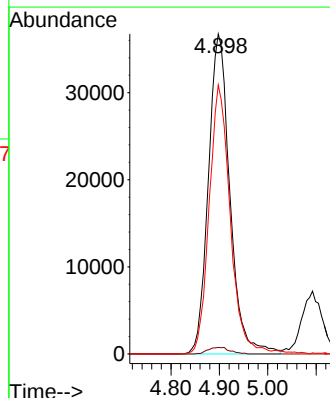
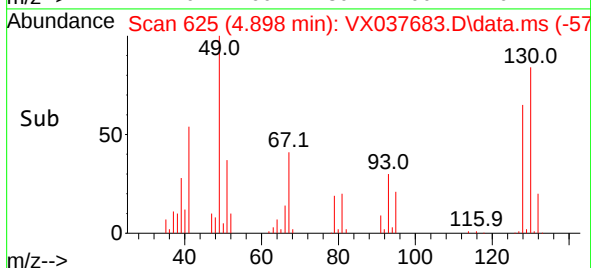
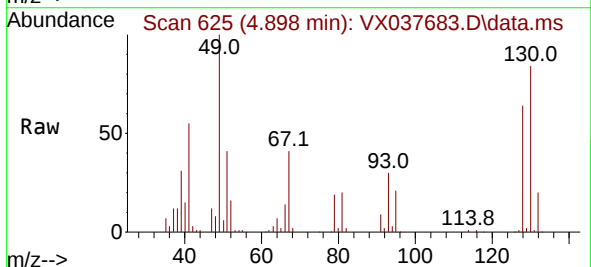
Tgt Ion: 49 Resp: 113403

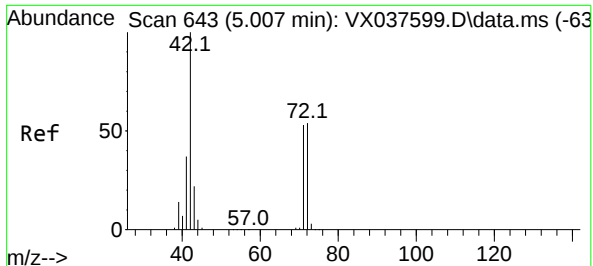
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 81.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 228.553 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 34007

Ion Ratio Lower Upper

42 100

72 48.9 34.2 51.4

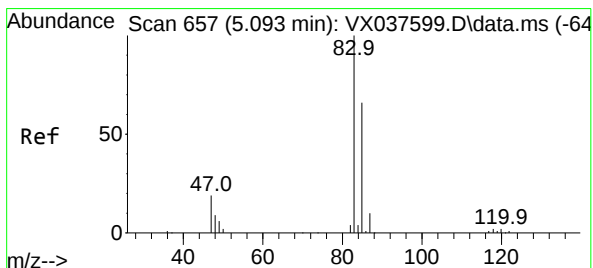
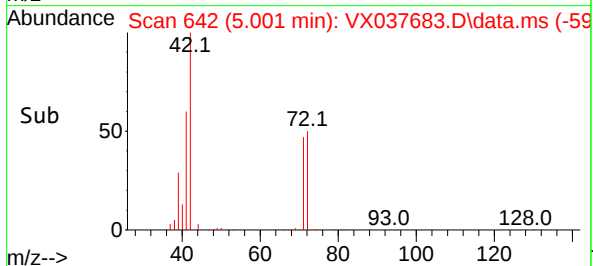
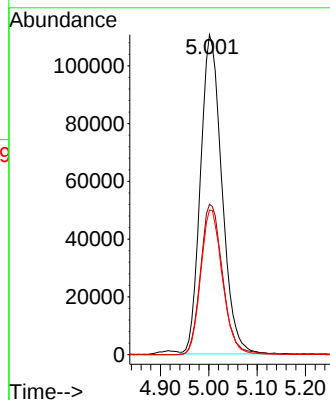
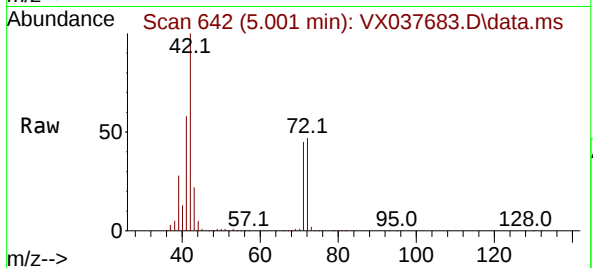
71 46.0 32.2 48.2

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Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#30

Chloroform

Concen: 47.295 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037683.D

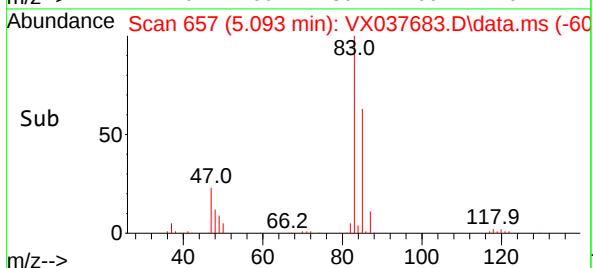
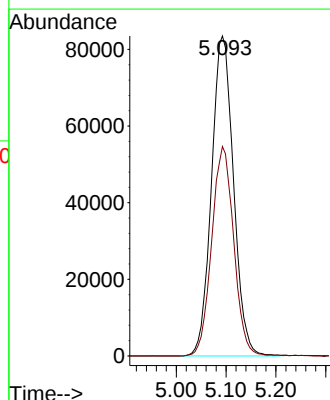
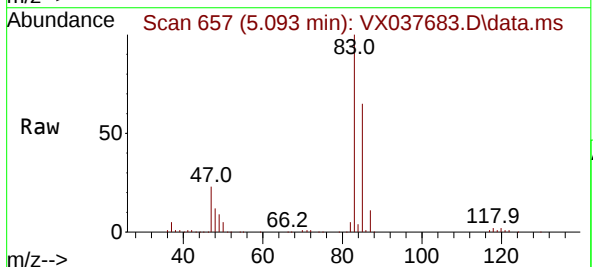
Acq: 13 Sep 2023 10:19

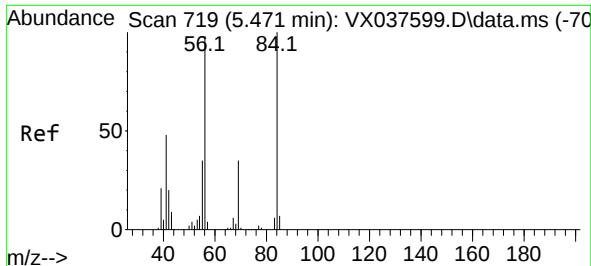
Tgt Ion: 83 Resp: 256033

Ion Ratio Lower Upper

83 100

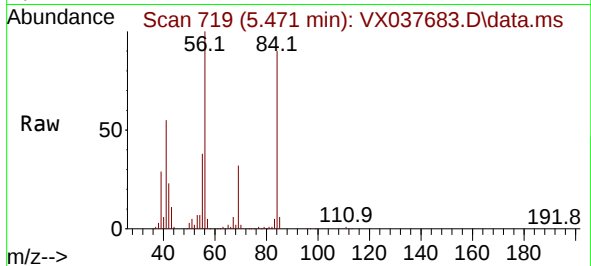
85 65.4 50.3 75.5





#31
Cyclohexane
Concen: 48.064 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

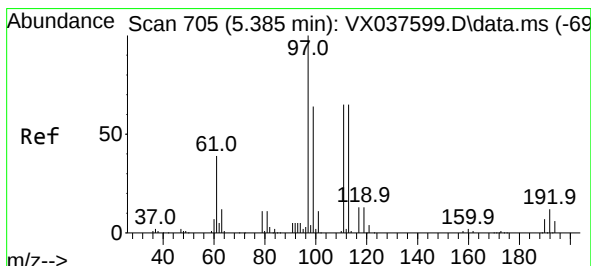
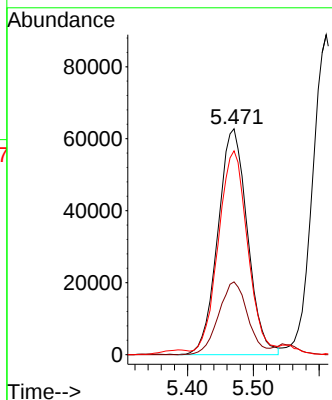
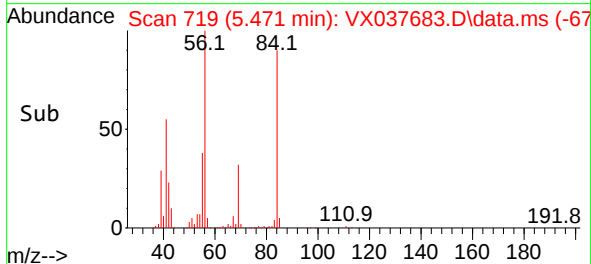
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



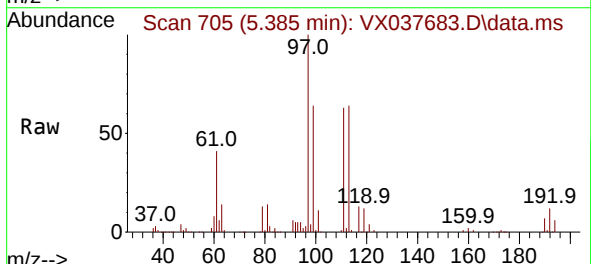
Tgt Ion: 56 Resp: 196178
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.2
84 88.1 65.9 98.9

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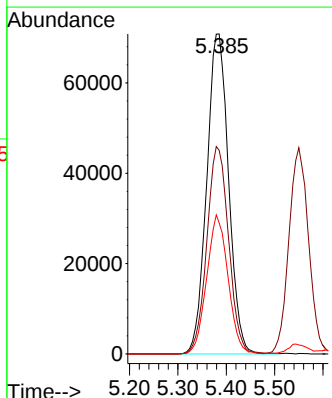
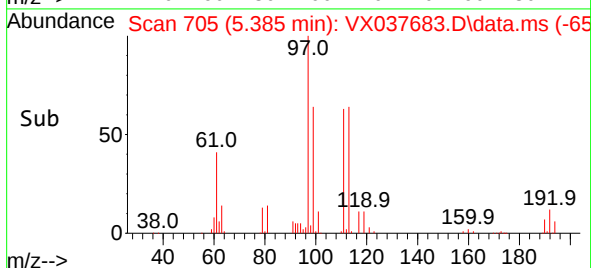
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

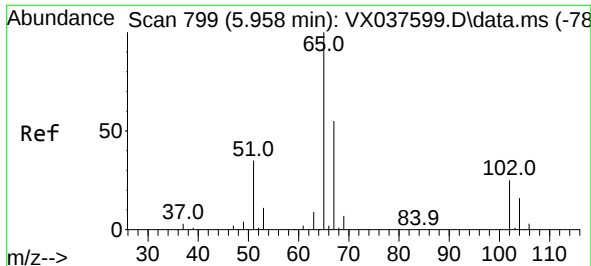


#32
1,1,1-Trichloroethane
Concen: 49.395 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19



Tgt Ion: 97 Resp: 222553
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.621 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 158158

Ion Ratio Lower Upper

65 100

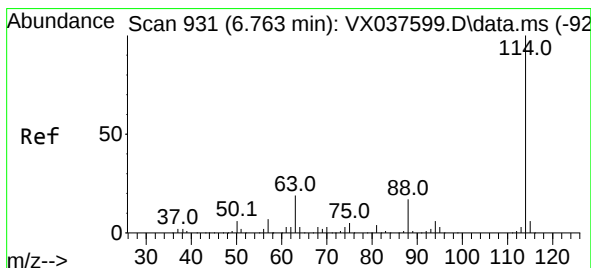
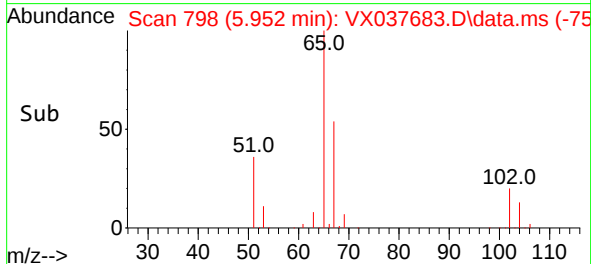
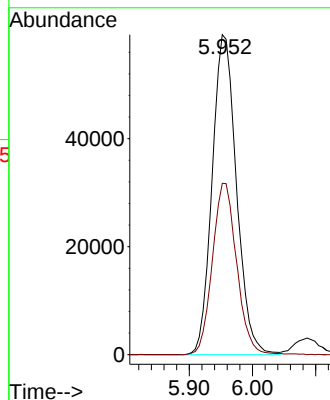
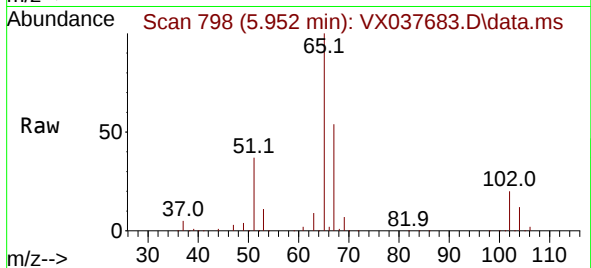
67 53.6 0.0 100.2

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Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

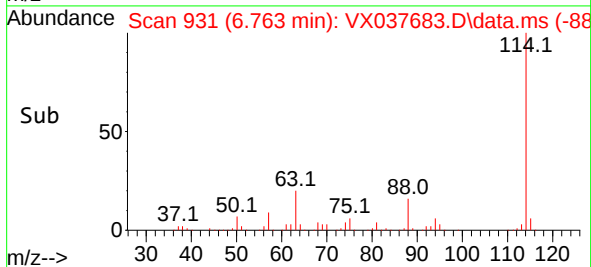
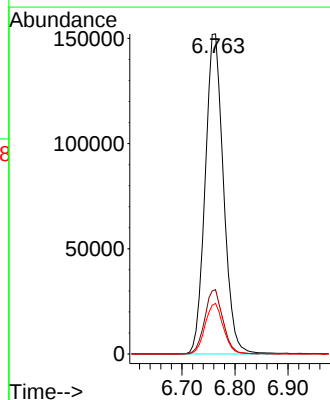
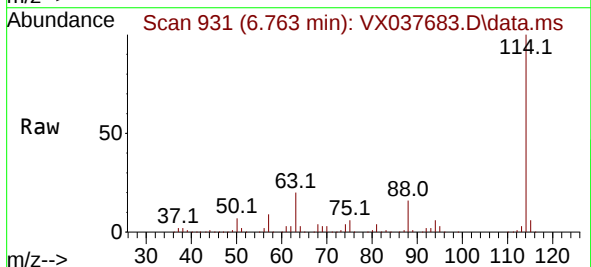
Tgt Ion:114 Resp: 364258

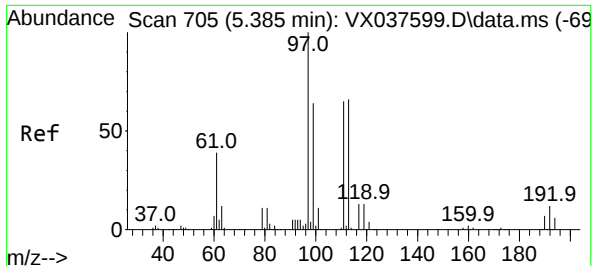
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

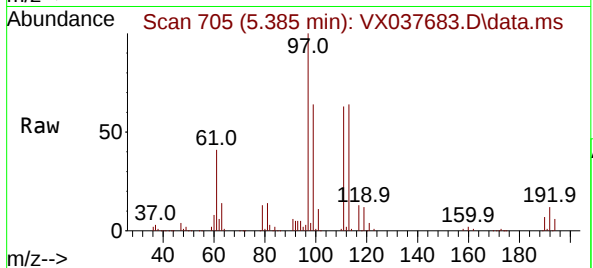
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

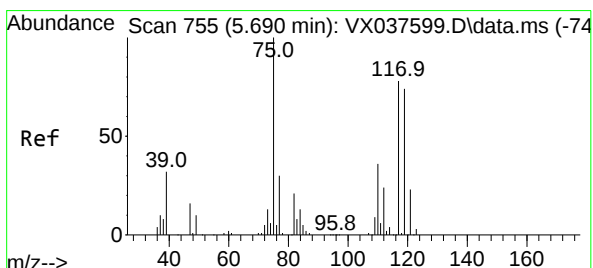
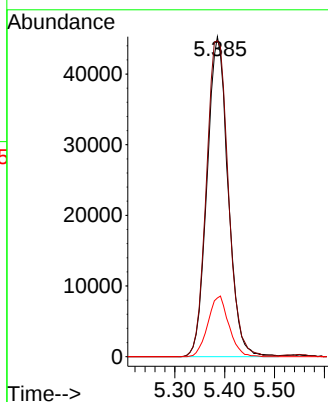
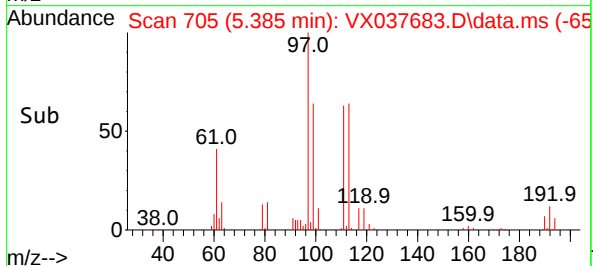
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 13253
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.9 13.3 19.9

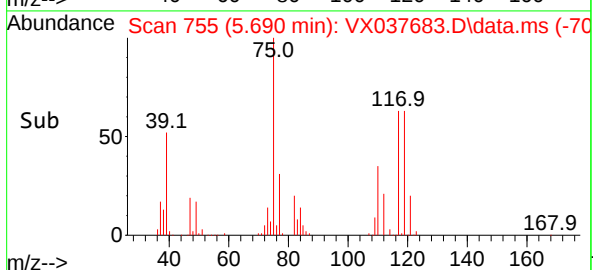
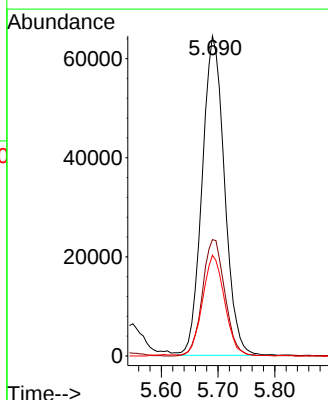
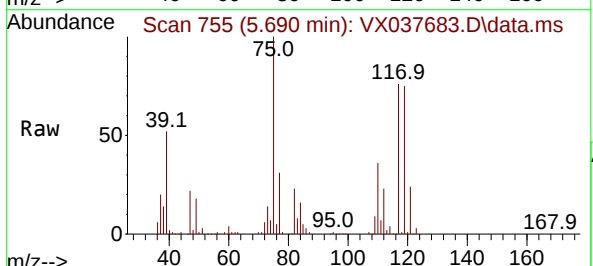
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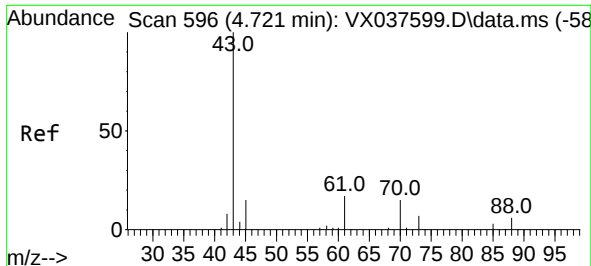
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#36
1,1-Dichloropropene
Concen: 50.314 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 75 Resp: 176720
Ion Ratio Lower Upper
75 100
110 36.6 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 50.989 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

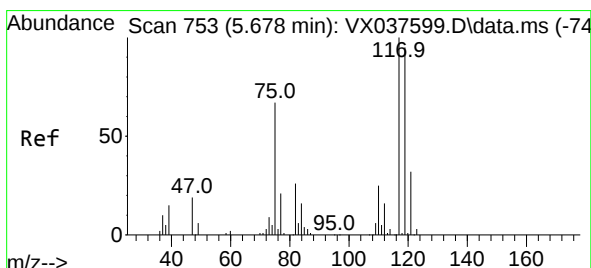
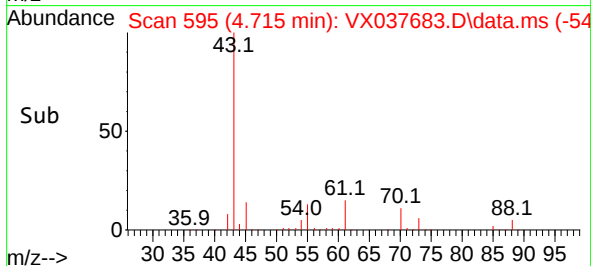
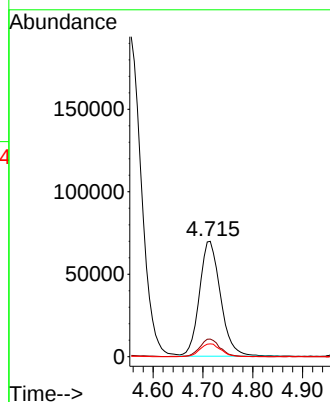
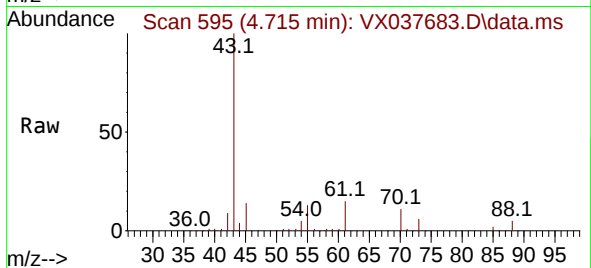
Tgt Ion: 43	Resp: 20492
Ion Ratio	Lower Upper
43 100	
61 15.1	10.6 16.0
70 11.2	8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#38

Carbon Tetrachloride

Concen: 53.310 ug/l

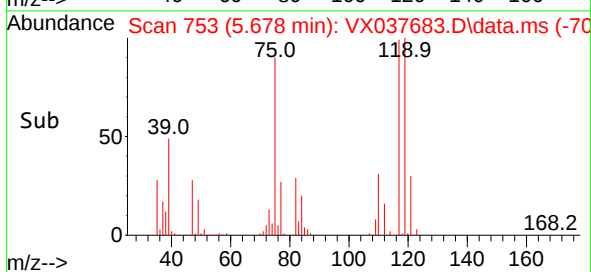
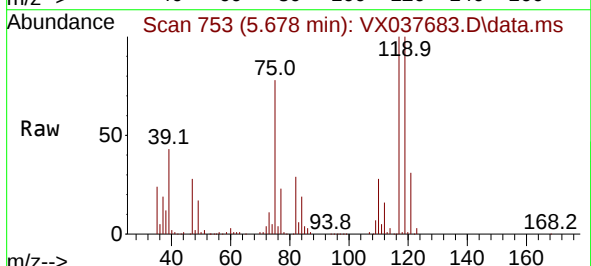
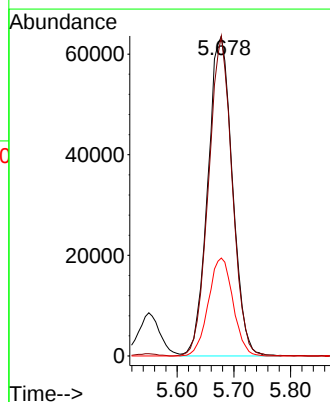
RT: 5.678 min Scan# 753

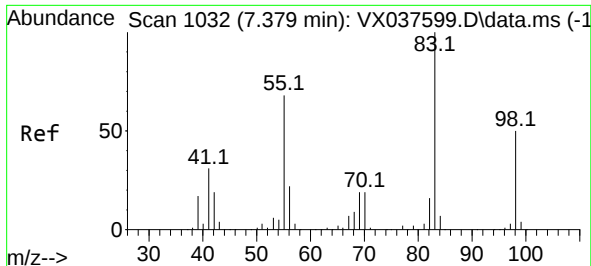
Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Tgt Ion: 117	Resp: 191286
Ion Ratio	Lower Upper
117 100	
119 99.9	78.2 117.2
121 30.6	24.4 36.6





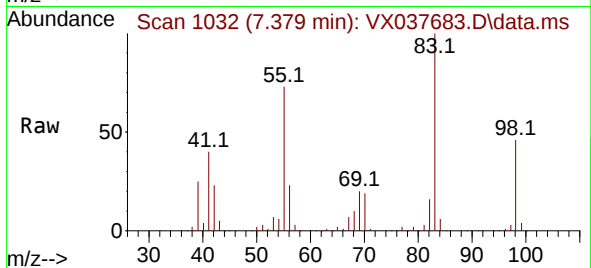
#39
Methylcyclohexane
Concen: 54.325 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



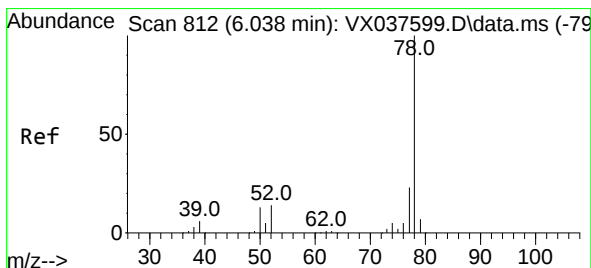
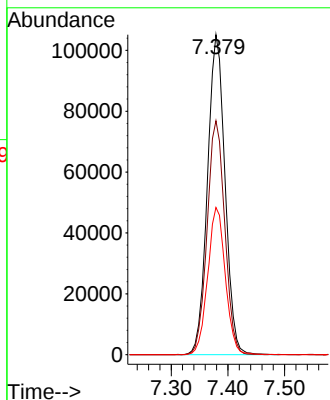
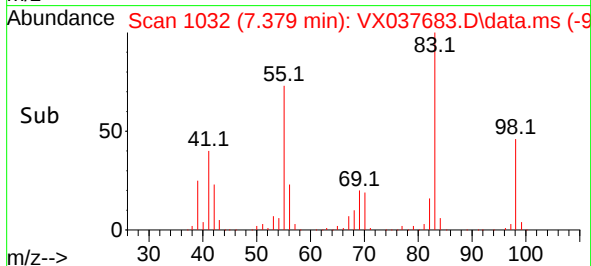
Tgt Ion: 83 Resp: 225780
Ion Ratio Lower Upper
83 100
55 73.0 64.6 97.0
98 46.0 36.7 55.1

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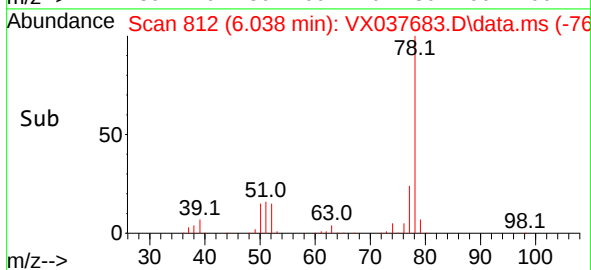
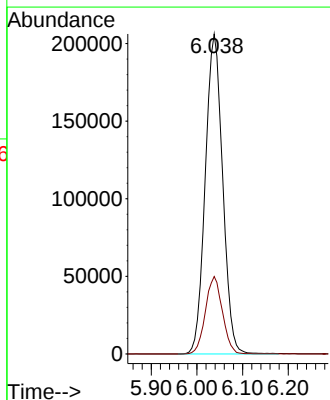
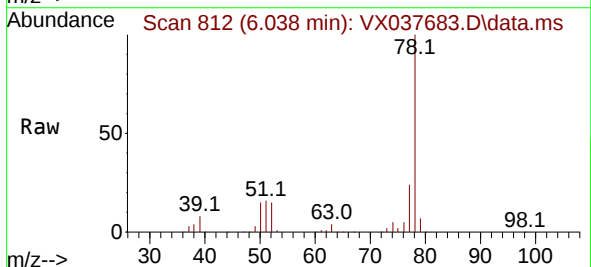
Reviewed By :John Carlone 09/14/2023

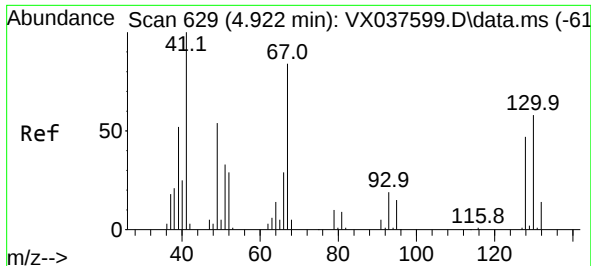
Supervised By :Mahesh Dadoda 09/14/2023



#40
Benzene
Concen: 51.108 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

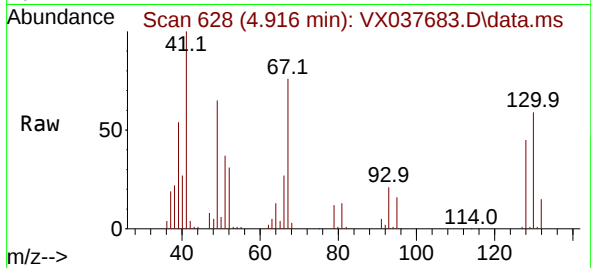
Tgt Ion: 78 Resp: 544199
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 50.342 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

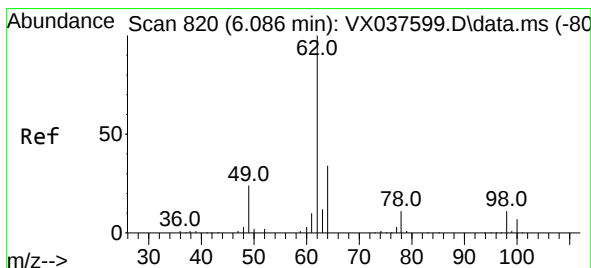
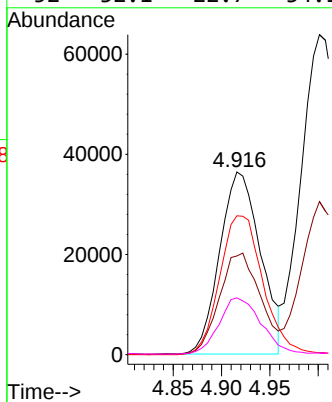
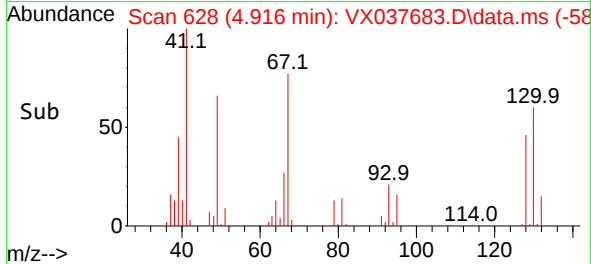
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 10656
Ion Ratio Lower Upper
41 100
39 55.9 45.2 67.8
67 81.2 52.6 78.8
52 32.1 22.7 34.1

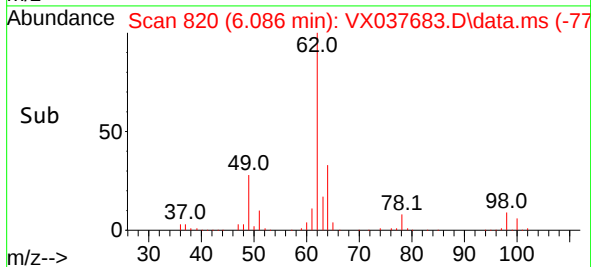
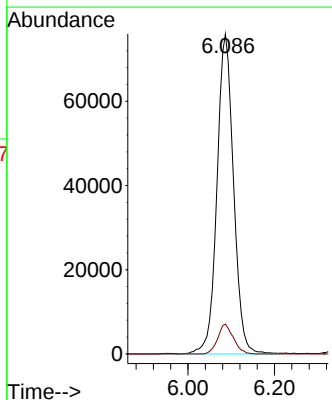
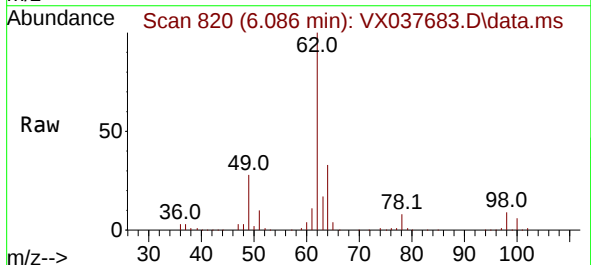
Manual Integrations
APPROVED

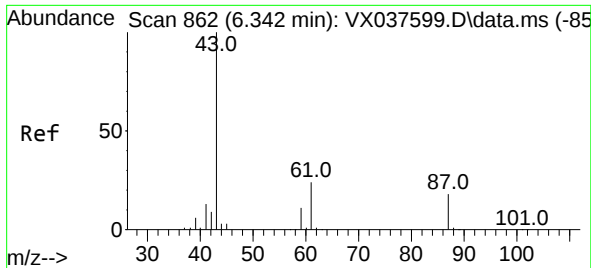
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#42
1,2-Dichloroethane
Concen: 48.659 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 62 Resp: 202505
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.056 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

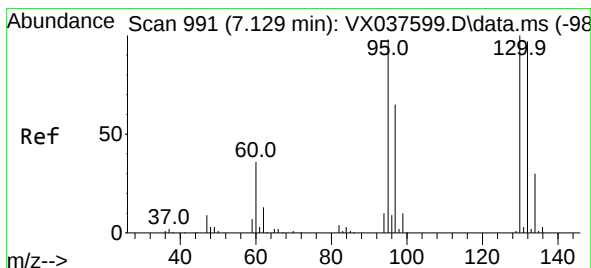
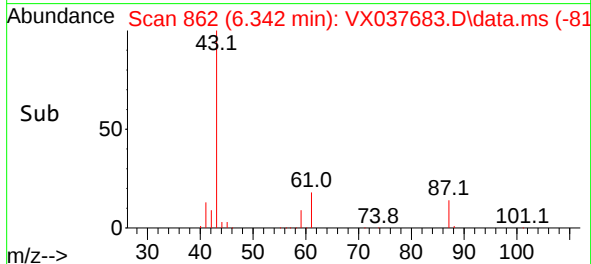
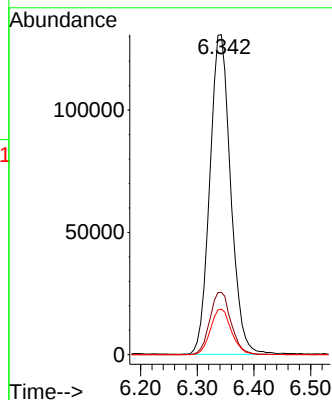
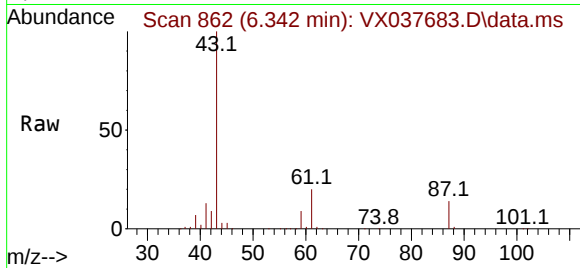
Tgt Ion:	43	Resp:	33376
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.2	22.8
87	14.4	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#44

Trichloroethene

Concen: 53.230 ug/l

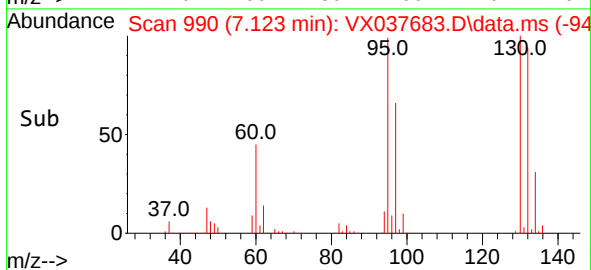
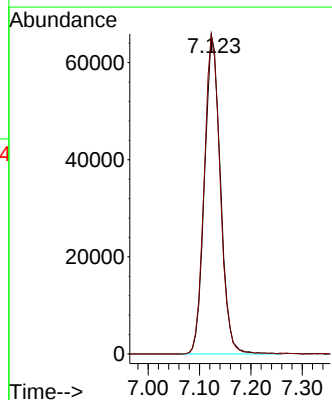
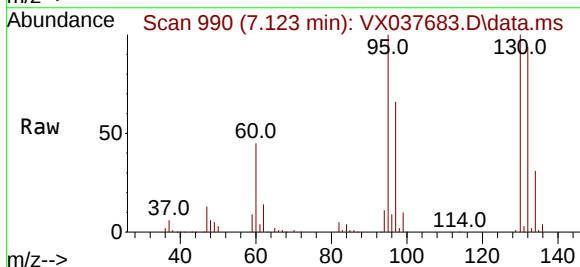
RT: 7.123 min Scan# 990

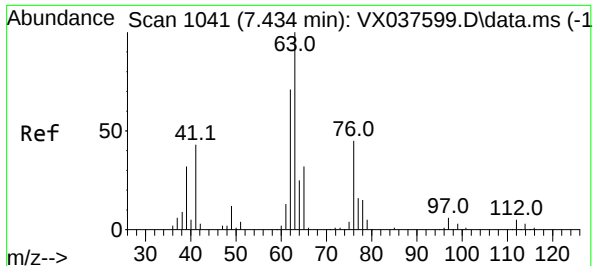
Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Tgt Ion:	130	Resp:	141611
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 50.599 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14218

Ion Ratio Lower Upper

63 100

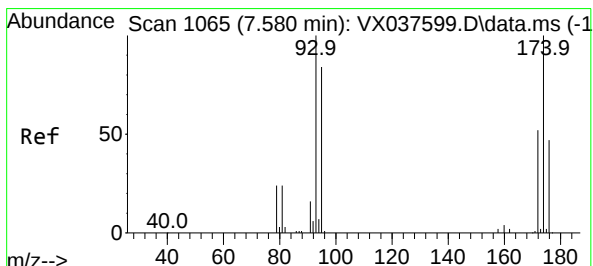
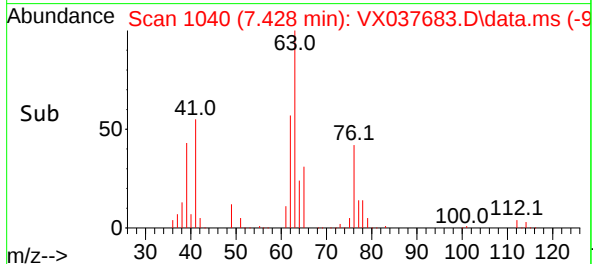
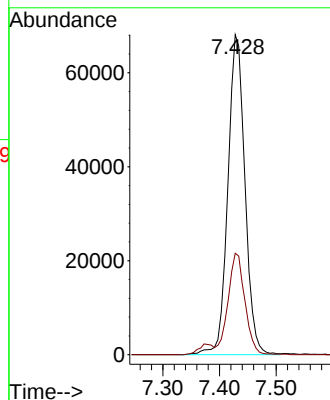
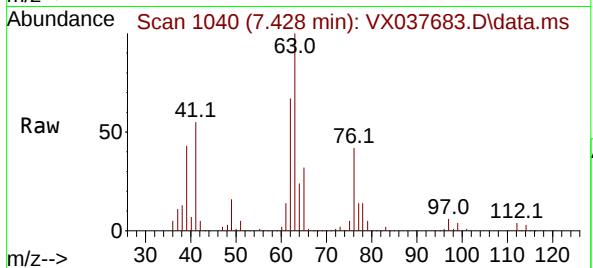
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#46

Dibromomethane

Concen: 51.346 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

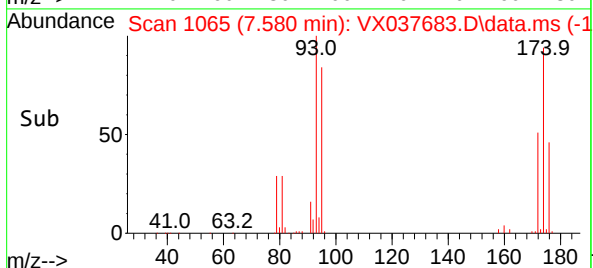
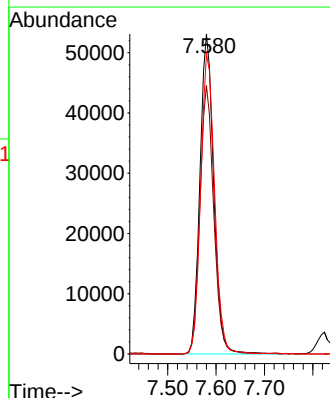
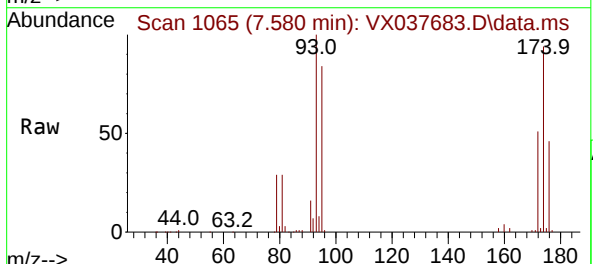
Tgt Ion: 93 Resp: 104969

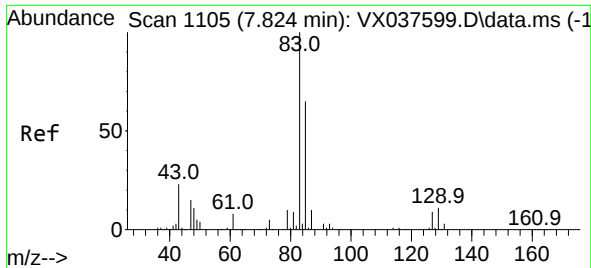
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

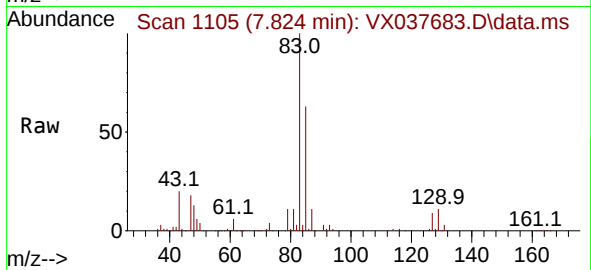
174 94.9 69.4 104.0





#47
Bromodichloromethane
Concen: 53.850 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

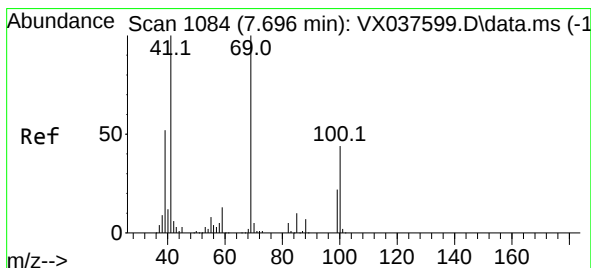
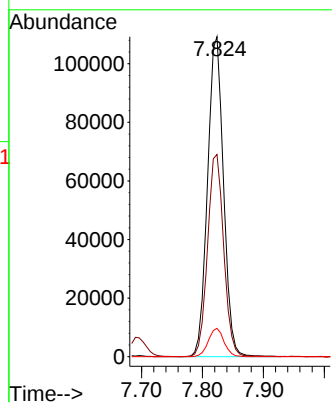
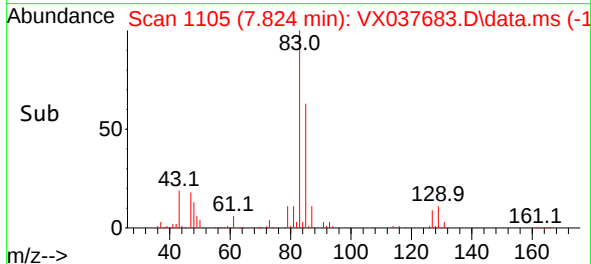
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



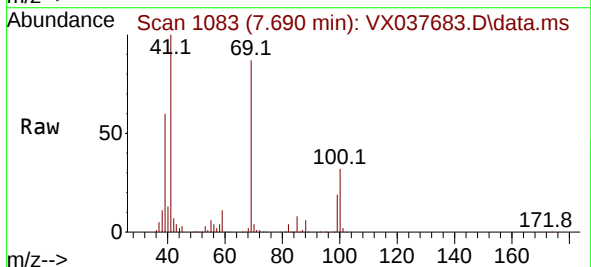
Tgt Ion: 83 Resp: 198734
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 8.9 7.1 10.7

Manual Integrations
APPROVED

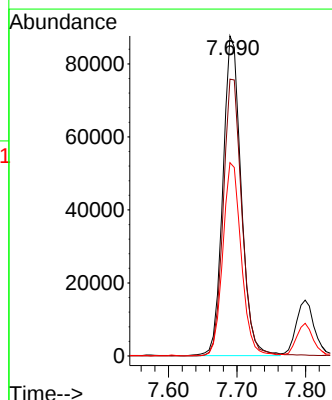
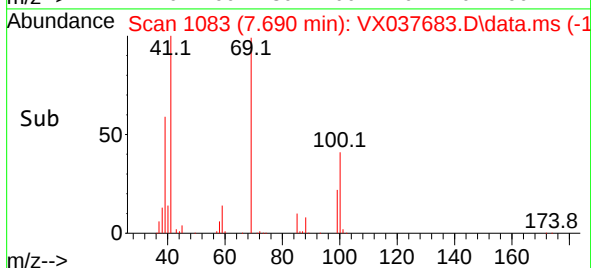
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

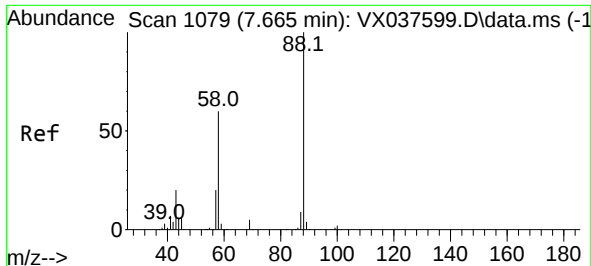


#48
Methyl methacrylate
Concen: 52.074 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19



Tgt Ion: 41 Resp: 161394
Ion Ratio Lower Upper
41 100
69 89.2 59.2 88.8
39 60.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1075.778 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 82607

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0

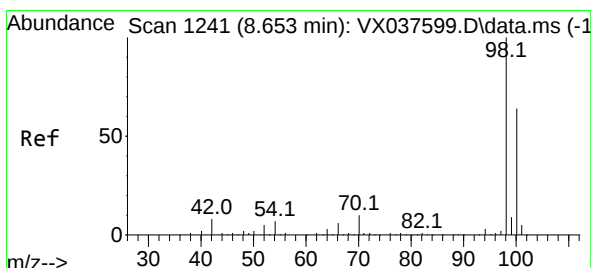
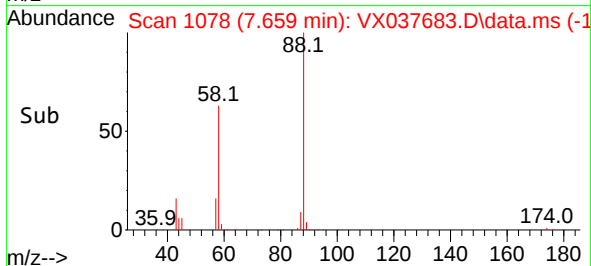
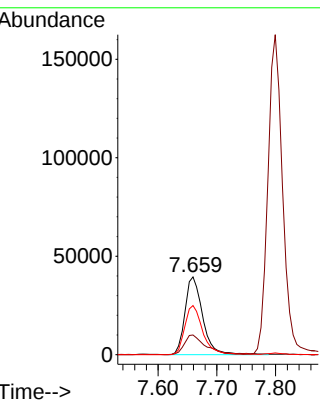
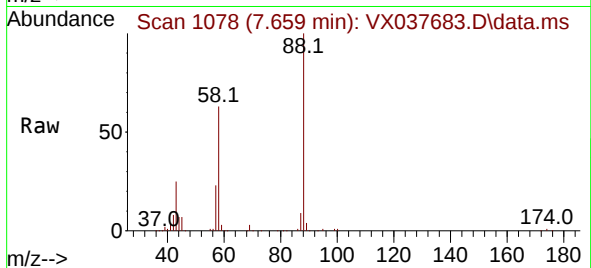
58 63.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#50

Toluene-d8

Concen: 51.178 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX037683.D

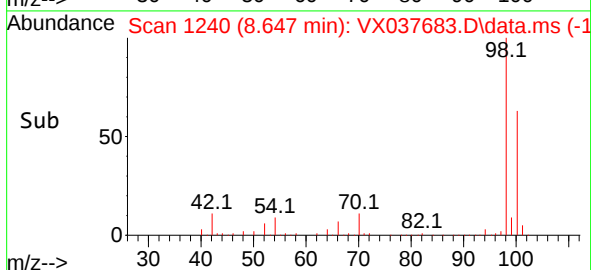
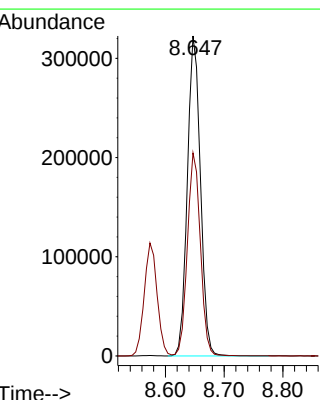
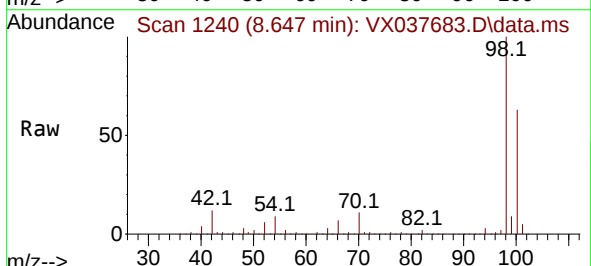
Acq: 13 Sep 2023 10:19

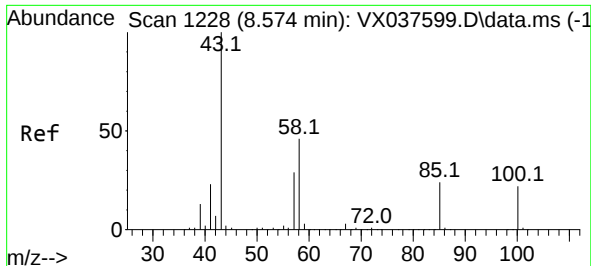
Tgt Ion: 98 Resp: 498344

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 257.993 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 108617

Ion Ratio Lower Upper

43 100

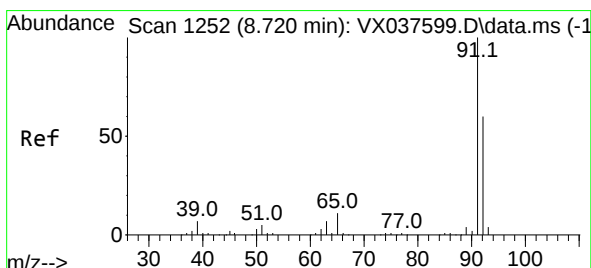
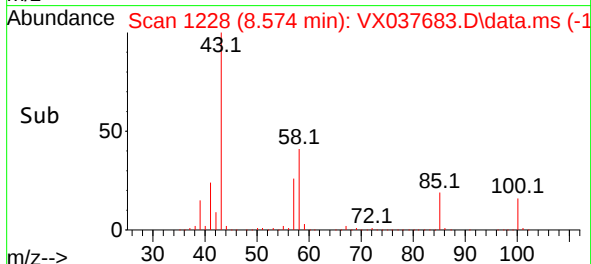
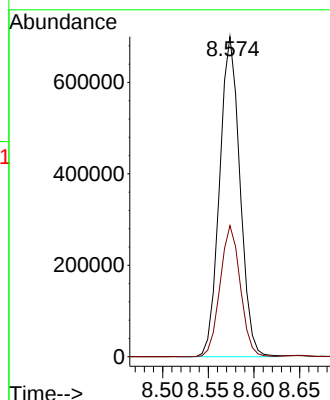
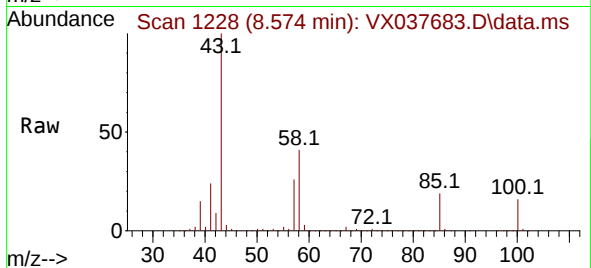
58 40.6 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#52

Toluene

Concen: 51.951 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037683.D

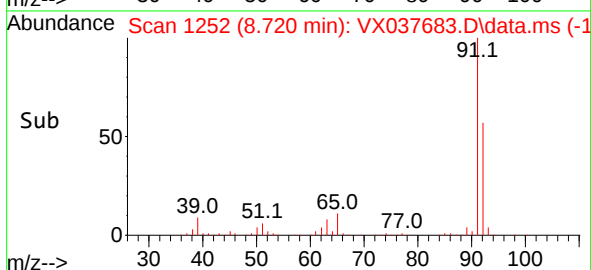
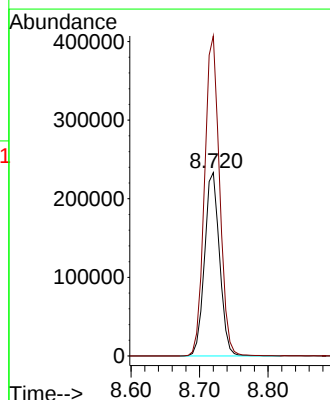
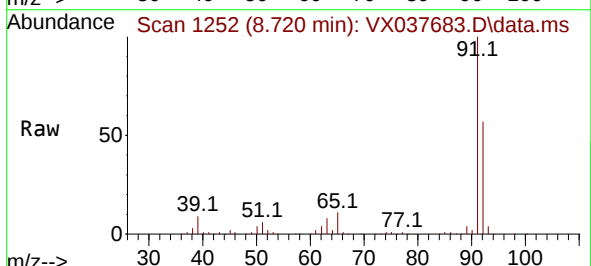
Acq: 13 Sep 2023 10:19

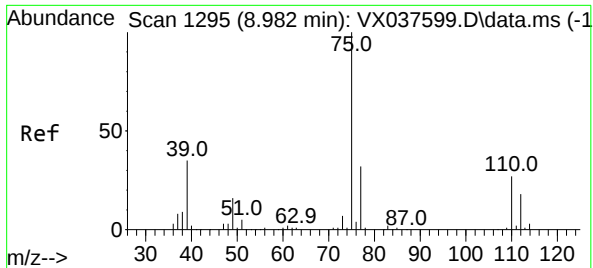
Tgt Ion: 92 Resp: 355668

Ion Ratio Lower Upper

92 100

91 175.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 58.734 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 21975

Ion Ratio Lower Upper

75 100

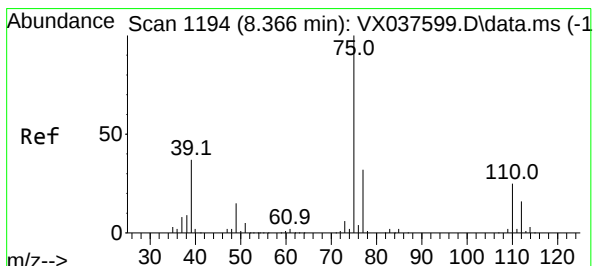
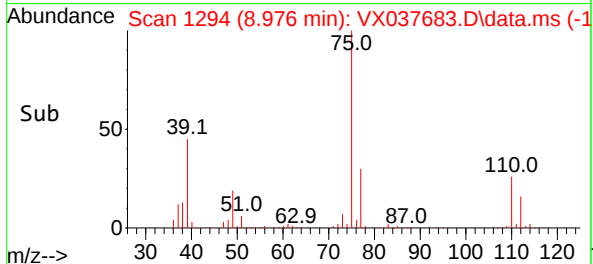
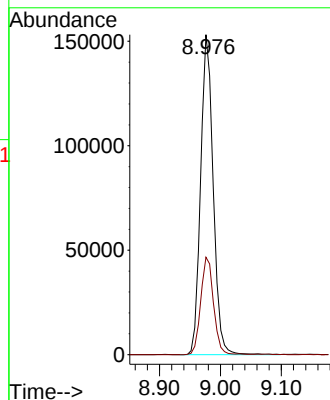
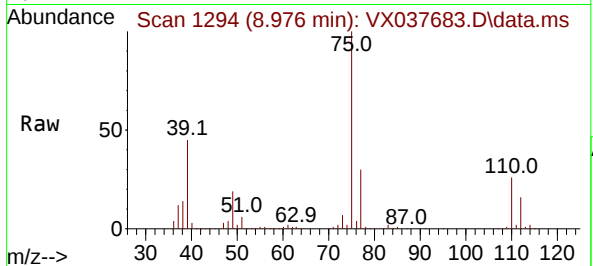
77 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#54

cis-1,3-Dichloropropene

Concen: 56.426 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

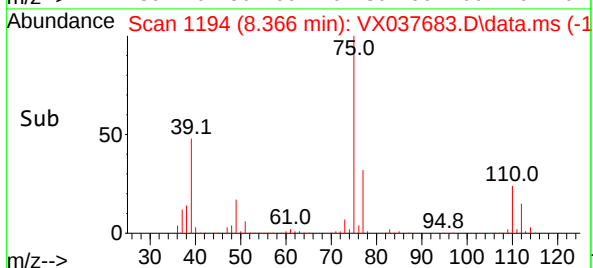
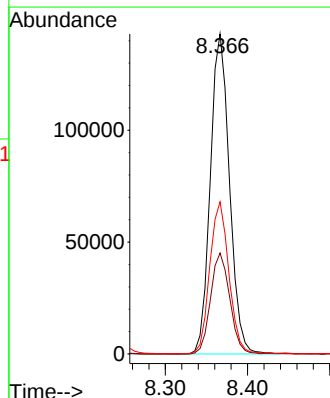
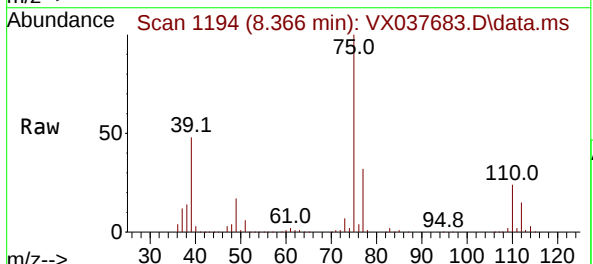
Tgt Ion: 75 Resp: 231663

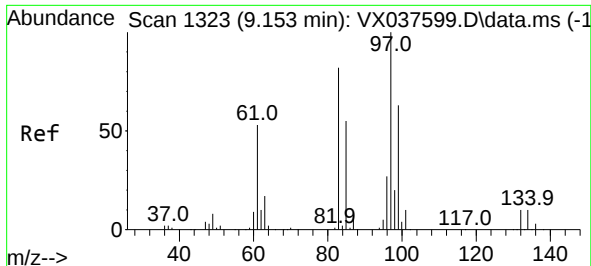
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

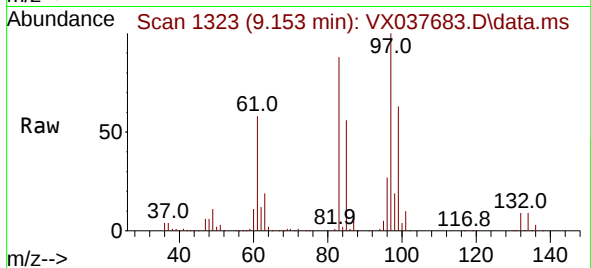
39 47.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.396 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

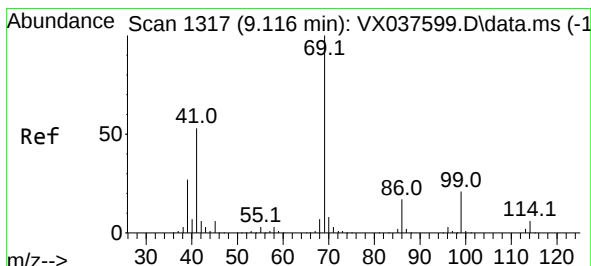
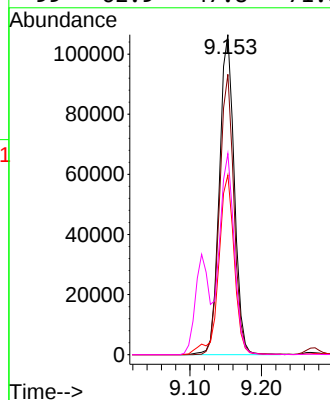
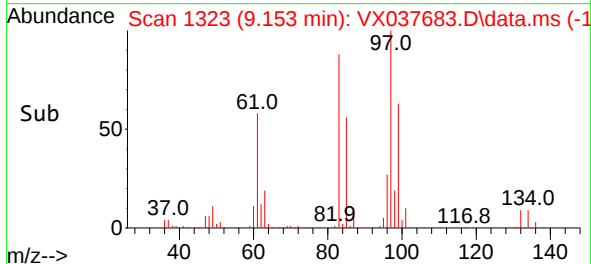
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	153932
Ion Ratio	100	Lower	Upper
97	100		
83	87.6	65.8	98.8
85	56.1	41.6	62.4
99	62.9	47.8	71.8

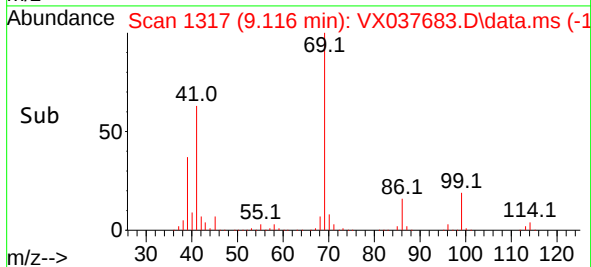
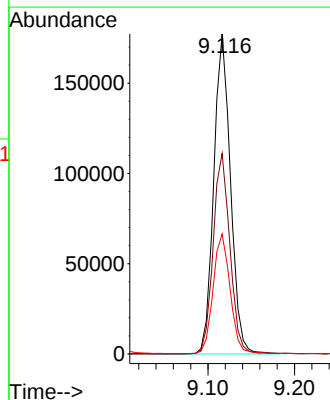
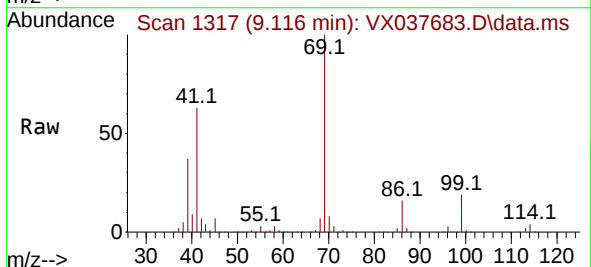
Manual Integrations
APPROVED

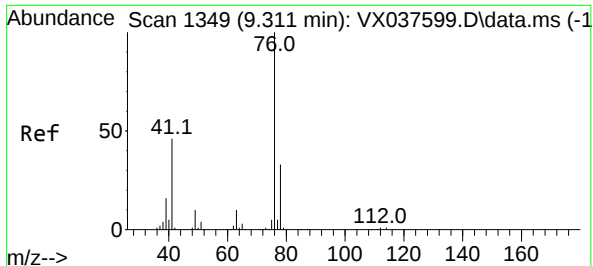
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#56
Ethyl methacrylate
Concen: 53.950 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:	69	Resp:	237962
Ion Ratio	100	Lower	Upper
69	100		
41	62.5	56.8	85.2
39	38.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.133 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 247259

Ion Ratio Lower Upper

76 100

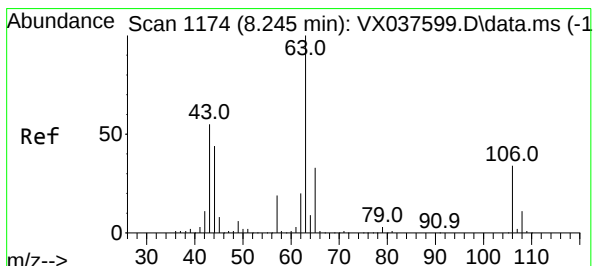
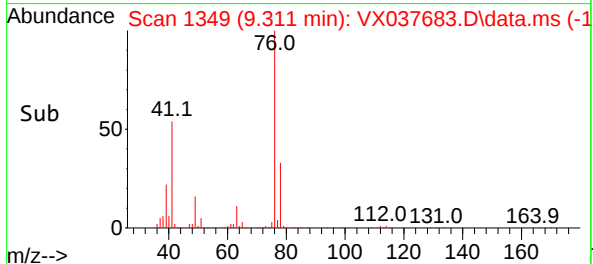
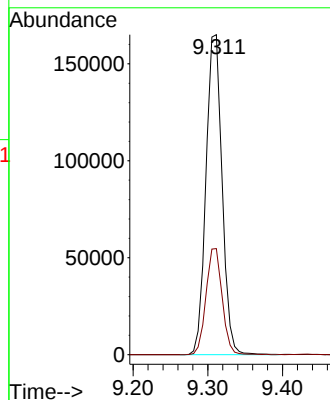
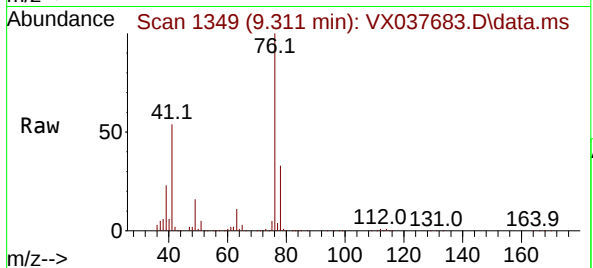
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 286.517 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037683.D

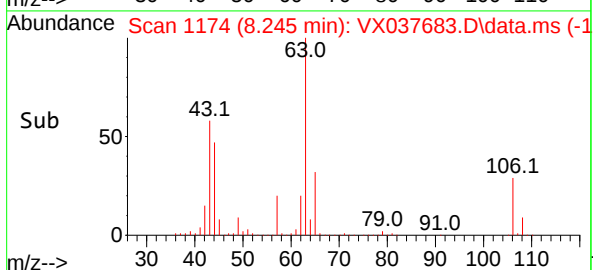
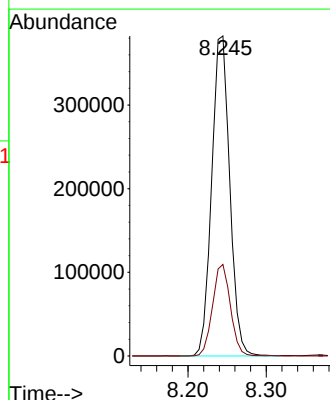
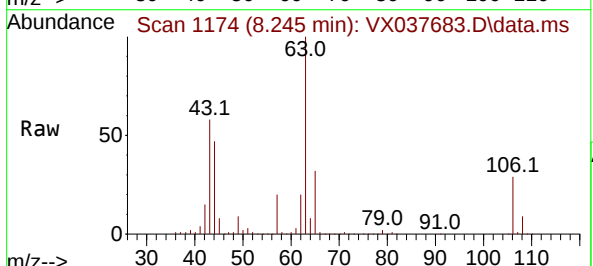
Acq: 13 Sep 2023 10:19

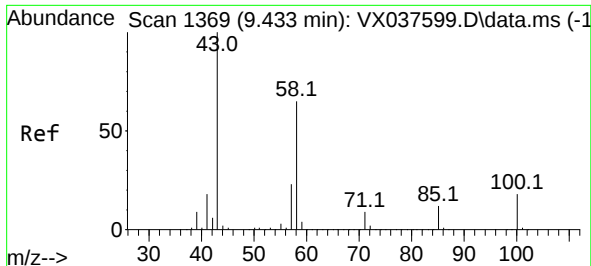
Tgt Ion: 63 Resp: 612770

Ion Ratio Lower Upper

63 100

106 28.2 22.5 33.7





#59

2-Hexanone

Concen: 261.476 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 84973

Ion Ratio Lower Upper

43 100

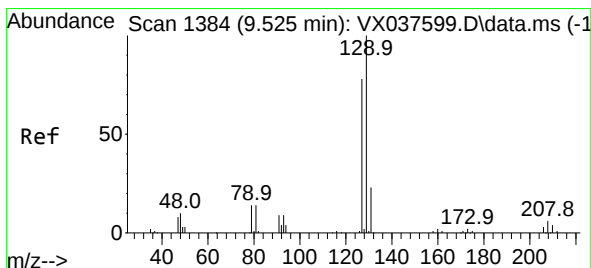
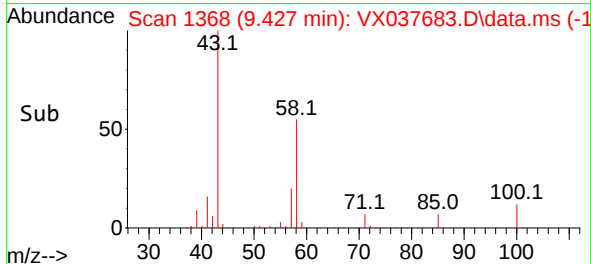
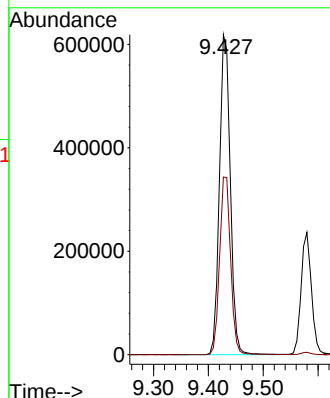
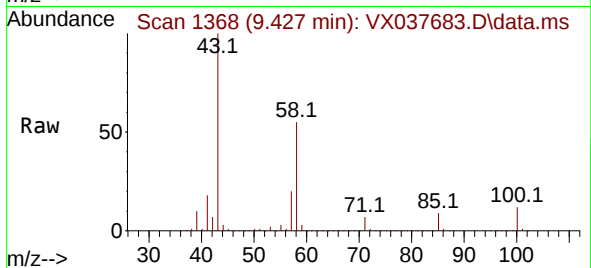
58 56.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#60

Dibromochloromethane

Concen: 57.327 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX037683.D

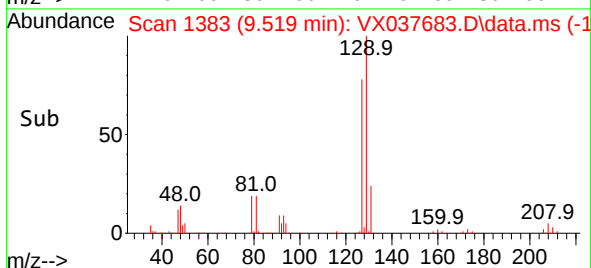
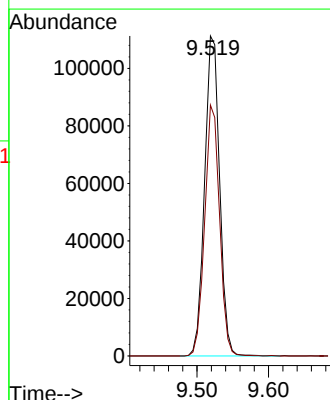
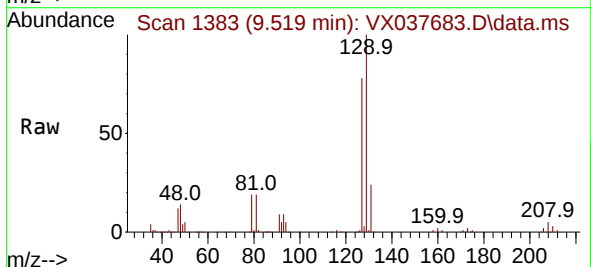
Acq: 13 Sep 2023 10:19

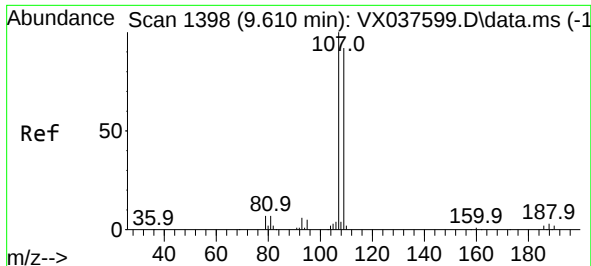
Tgt Ion:129 Resp: 162330

Ion Ratio Lower Upper

129 100

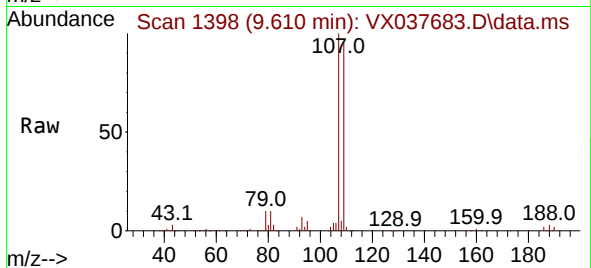
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.035 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

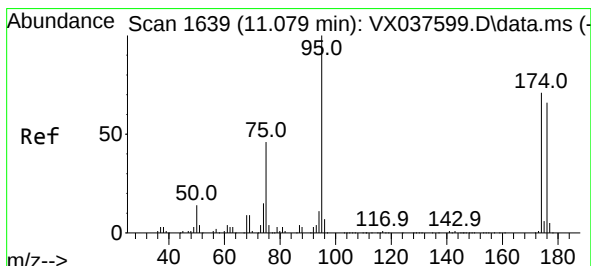
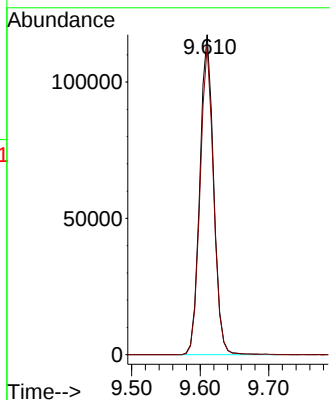
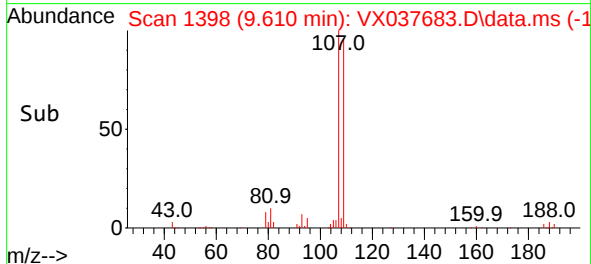
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



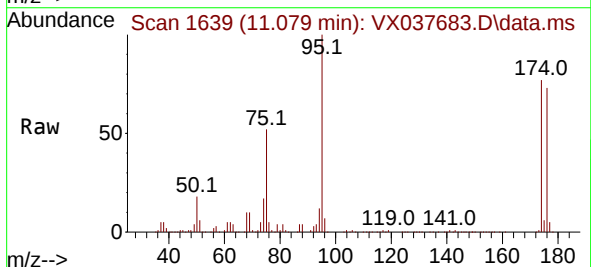
Tgt Ion:107 Resp: 16434
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

Manual Integrations
APPROVED

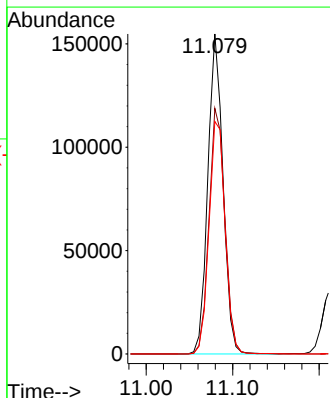
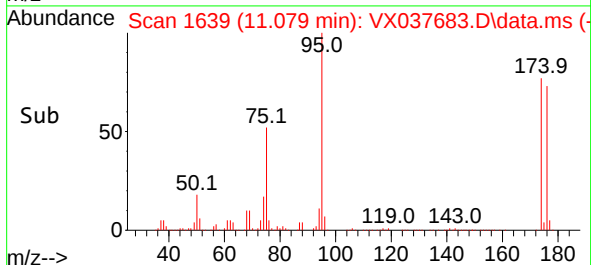
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

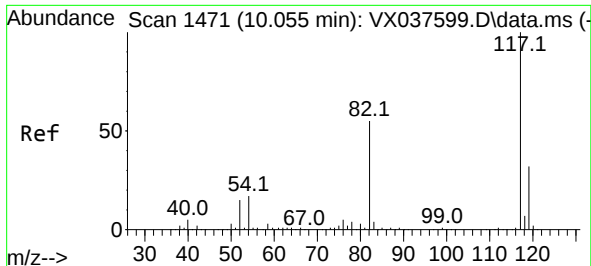


#62
4-Bromofluorobenzene
Concen: 53.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19



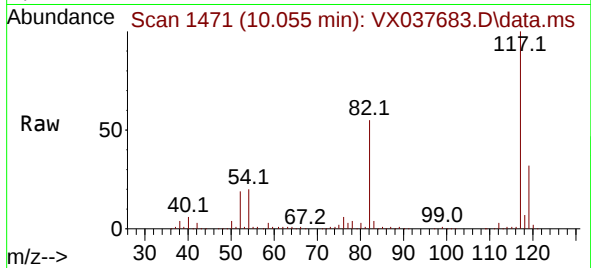
Tgt Ion: 95 Resp: 187793
Ion Ratio Lower Upper
95 100
174 80.7 0.0 135.6
176 77.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

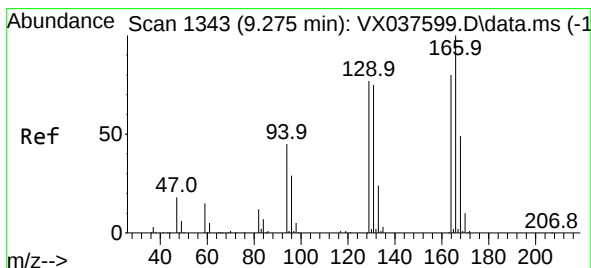
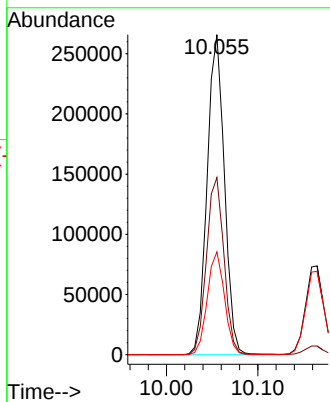
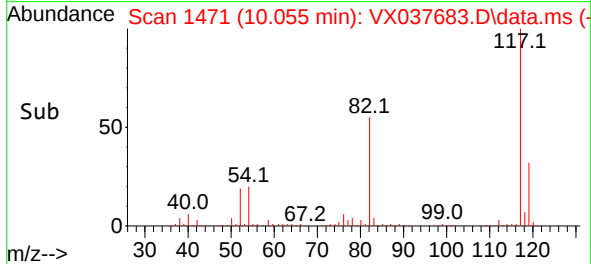
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 34904
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.1 25.5 38.3

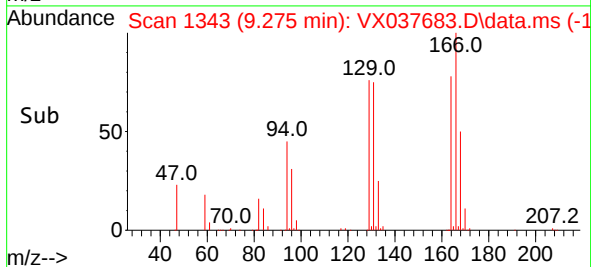
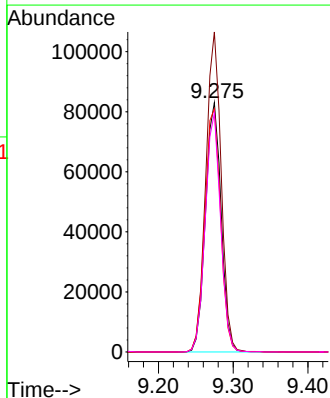
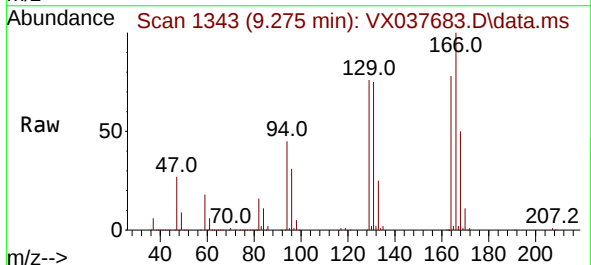
Manual Integrations
APPROVED

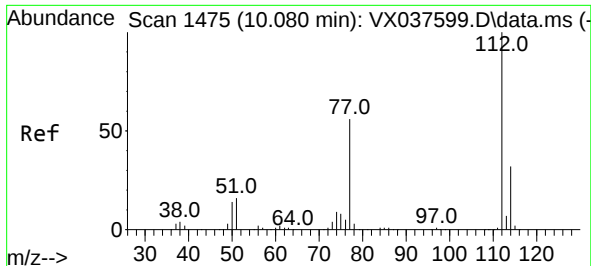
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#64
Tetrachloroethene
Concen: 53.346 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:164 Resp: 120642
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 97.5 80.4 120.6
131 95.9 76.5 114.7





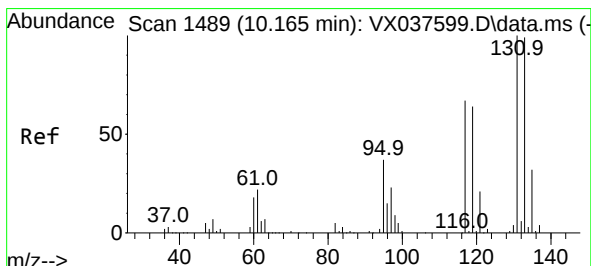
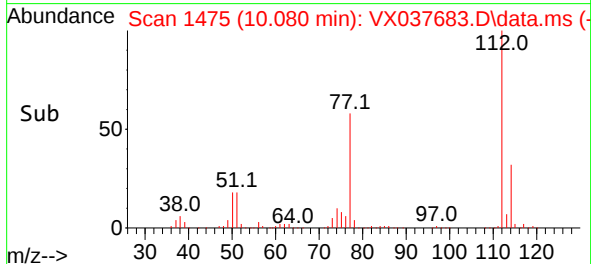
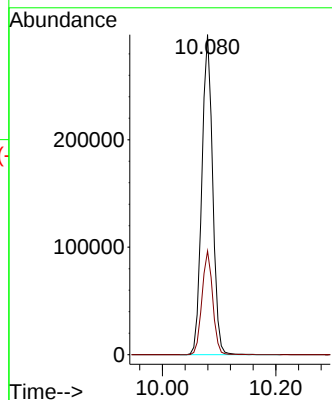
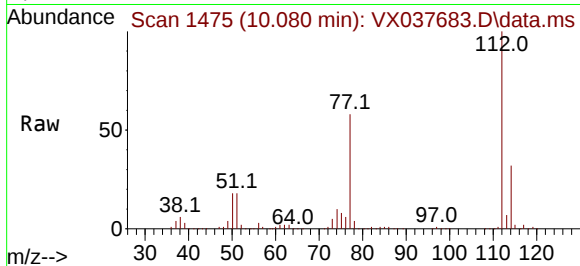
#65
Chlorobenzene
Concen: 52.870 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 39333
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

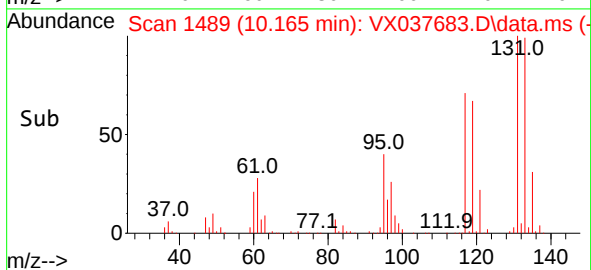
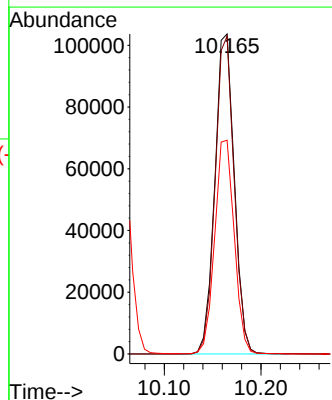
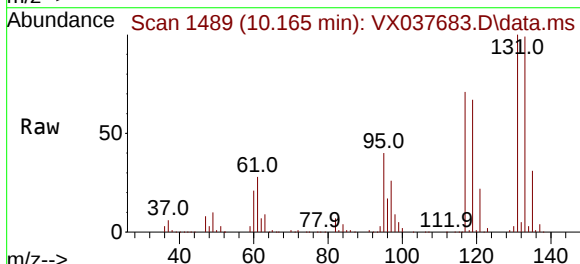
Manual Integrations
APPROVED

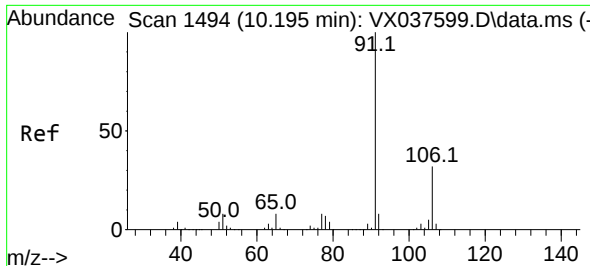
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.574 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:131 Resp: 145058
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.4
119 67.3 32.2 96.6





#67

Ethyl Benzene

Concen: 53.666 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 710524

Ion Ratio Lower Upper

91 100

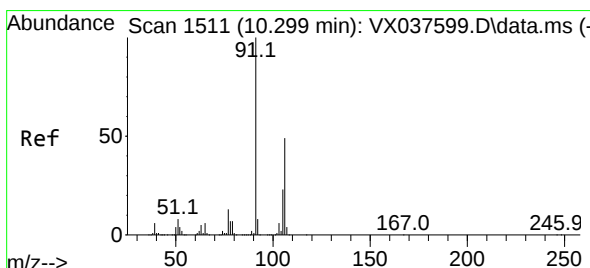
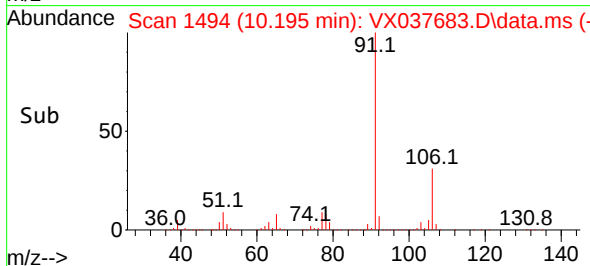
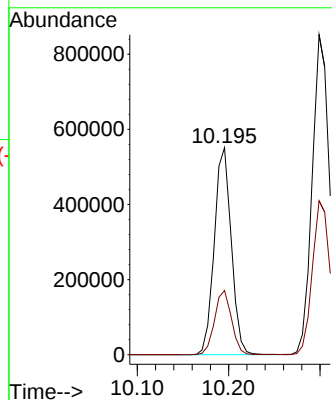
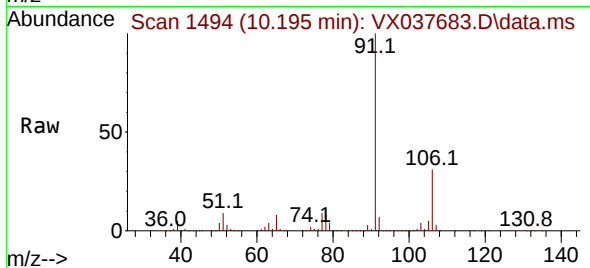
106 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#68

m/p-Xylenes

Concen: 108.539 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037683.D

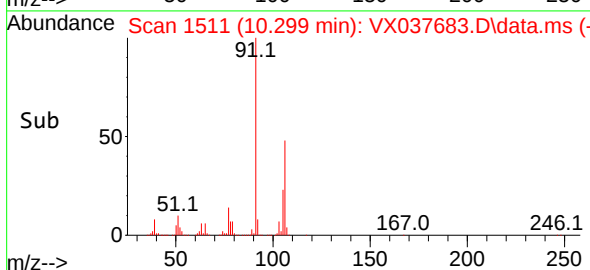
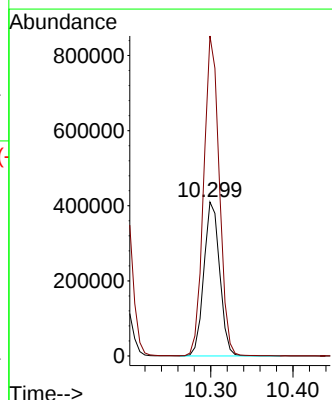
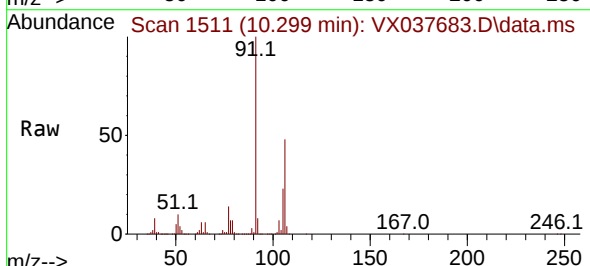
Acq: 13 Sep 2023 10:19

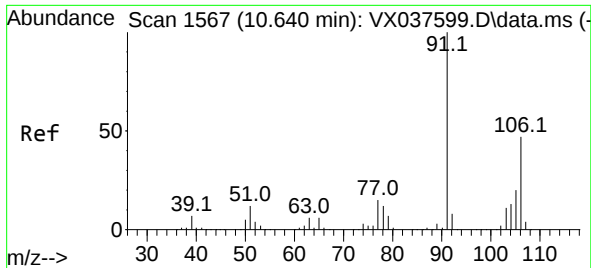
Tgt Ion:106 Resp: 547939

Ion Ratio Lower Upper

106 100

91 205.1 165.5 248.3





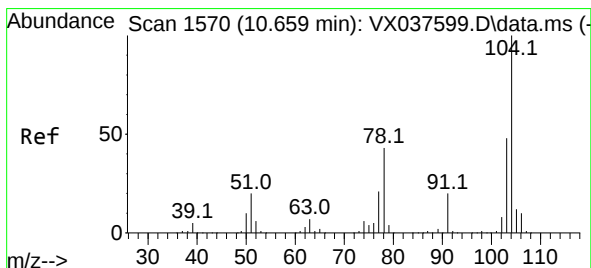
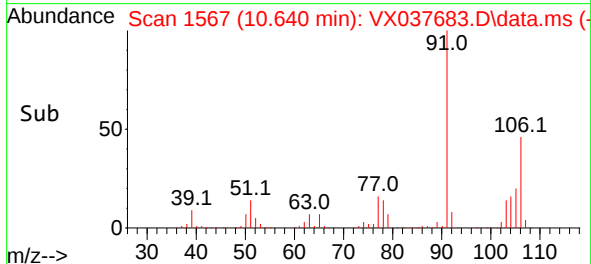
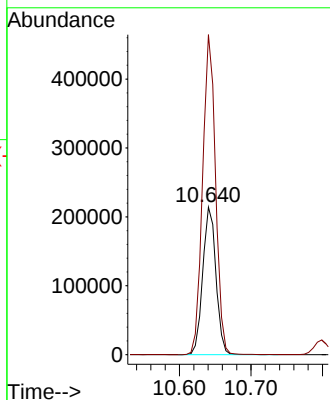
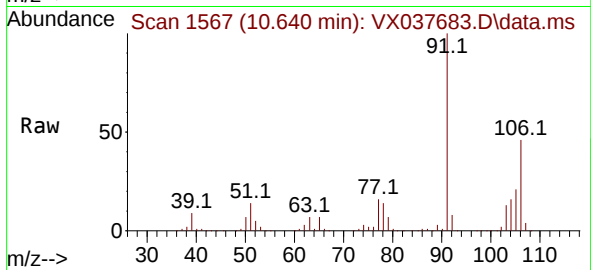
#69
o-Xylene
Concen: 54.599 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 274812
Ion Ratio Lower Upper
106 100
91 212.7 108.9 326.8

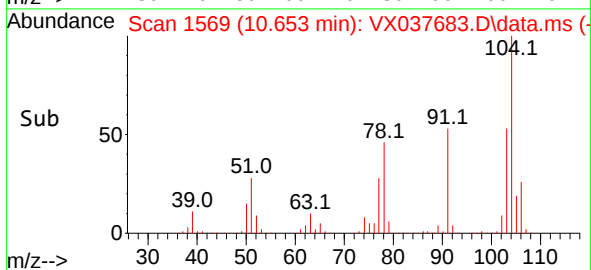
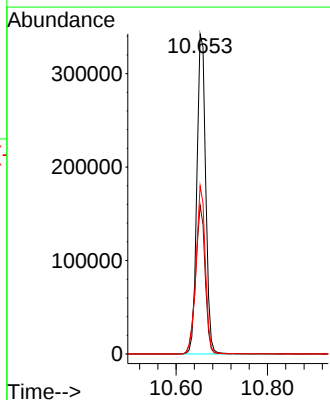
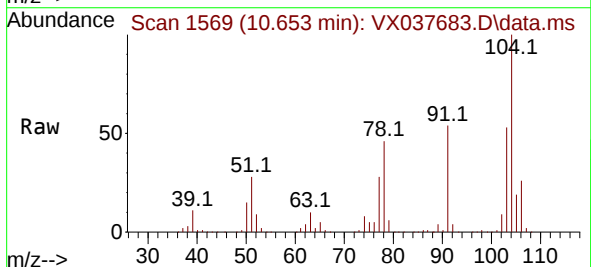
Manual Integrations
APPROVED

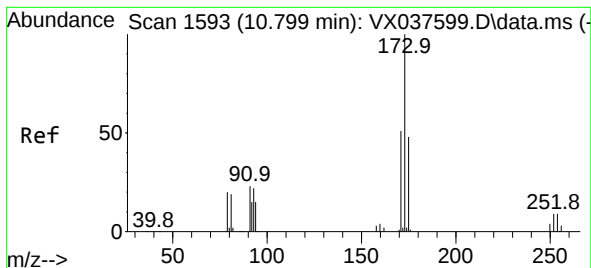
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#70
Styrene
Concen: 55.876 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:104 Resp: 458829
Ion Ratio Lower Upper
104 100
78 49.9 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 60.289 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 120960

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

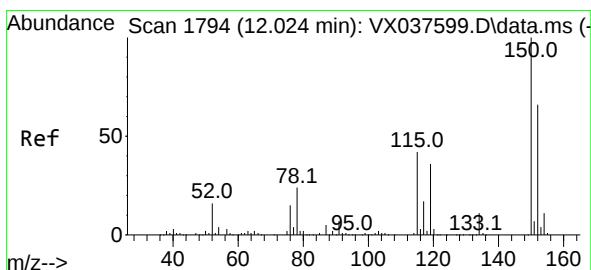
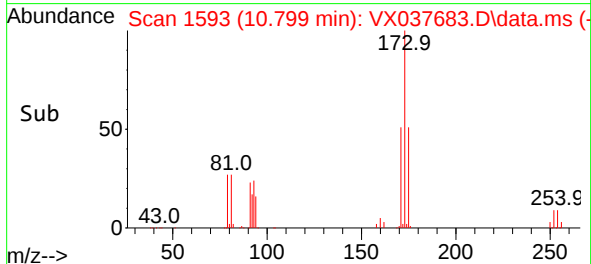
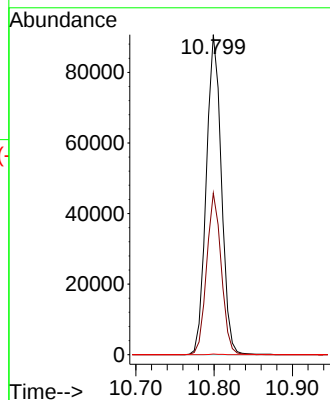
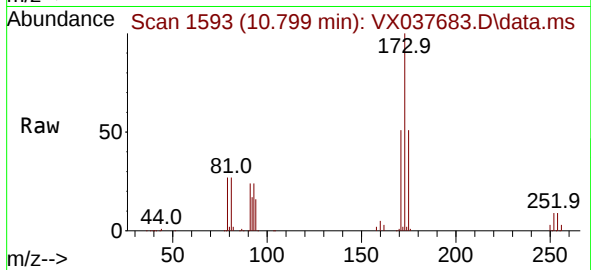
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

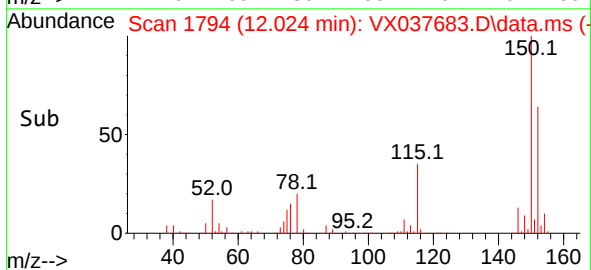
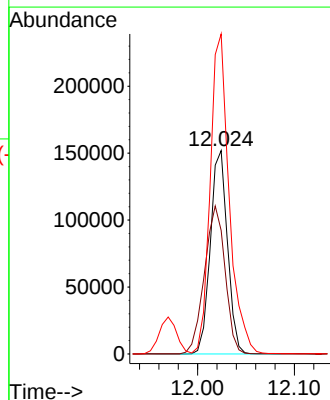
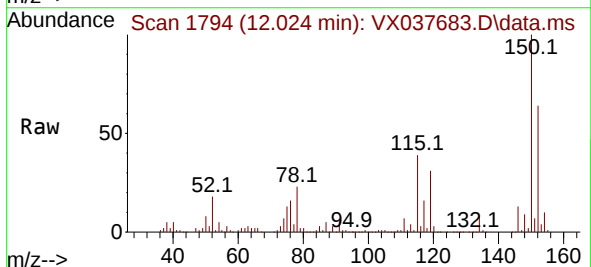
Tgt Ion:152 Resp: 187103

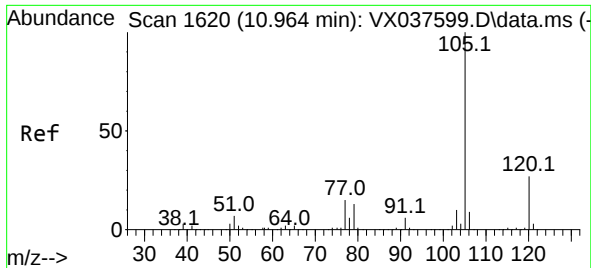
Ion Ratio Lower Upper

152 100

115 88.0 43.3 129.9

150 174.0 0.0 345.0





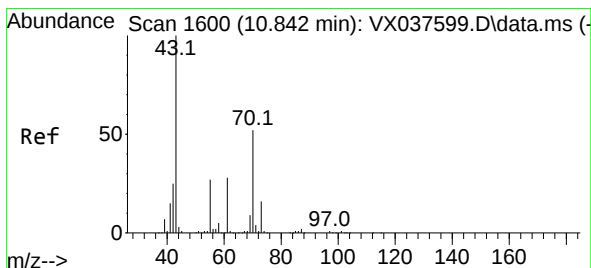
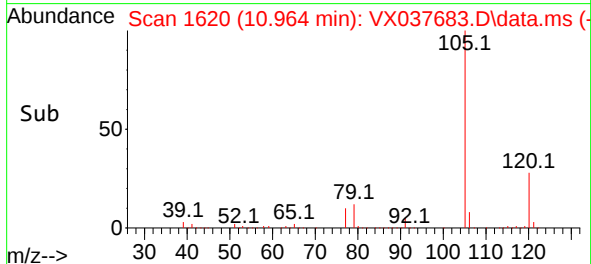
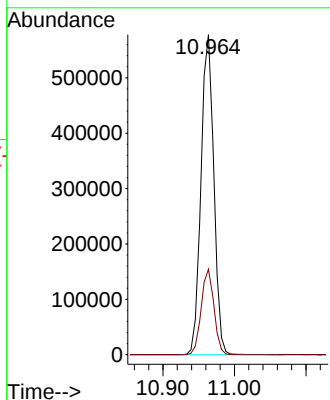
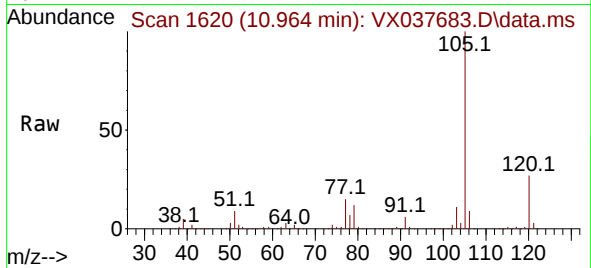
#73
Isopropylbenzene
Concen: 51.372 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 719629
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

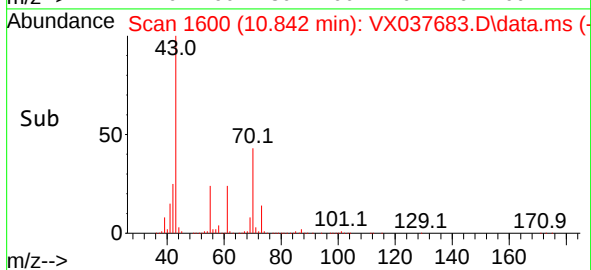
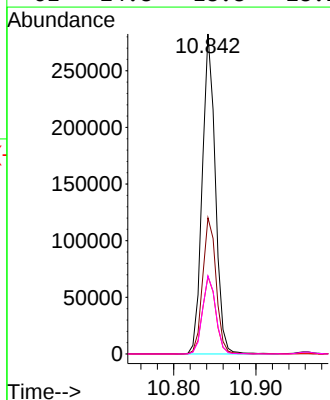
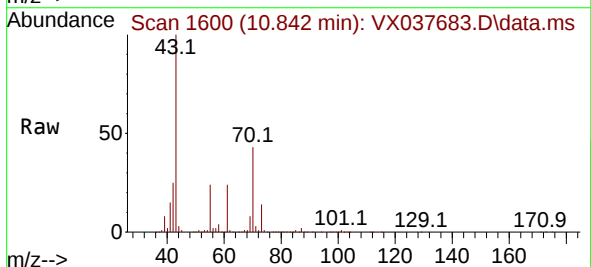
Manual Integrations
APPROVED

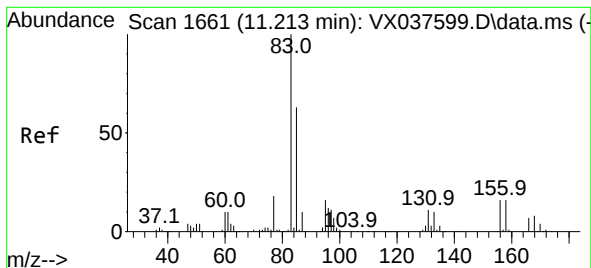
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#74
N-ethyl acetate
Concen: 51.012 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 43 Resp: 311604
Ion Ratio Lower Upper
43 100
70 43.9 32.9 49.3
55 24.9 19.3 28.9
61 24.8 18.8 28.2





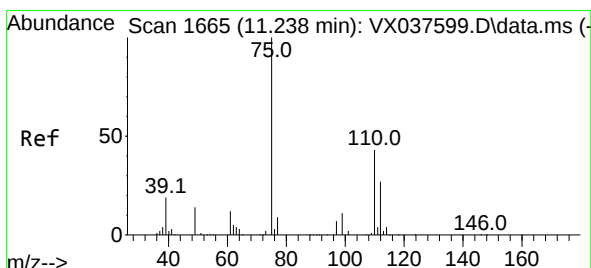
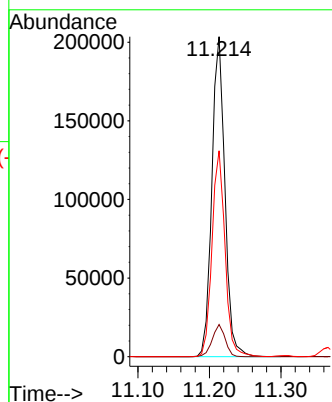
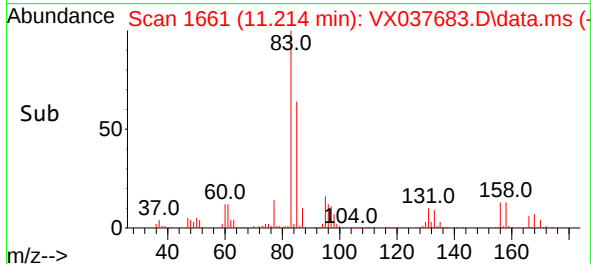
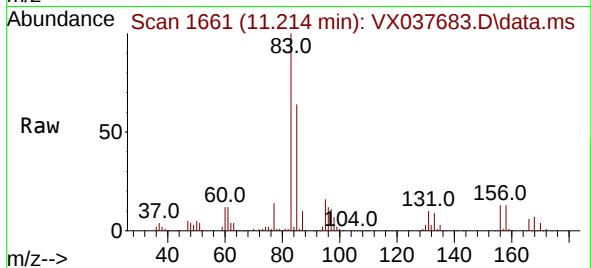
#75
1,1,2,2-Tetrachloroethane
Concen: 49.031 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 257029
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.4 32.0 96.2

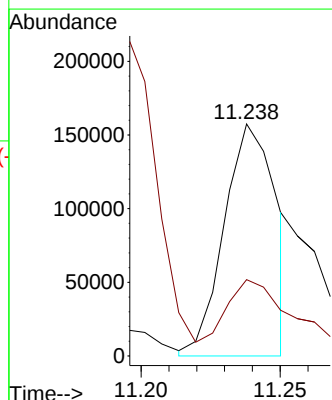
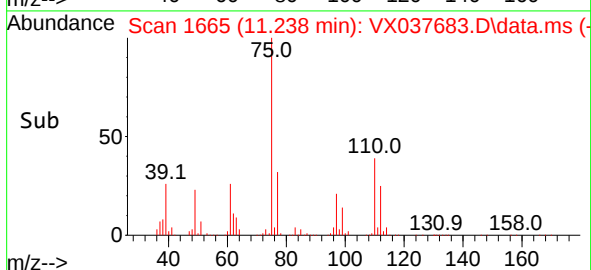
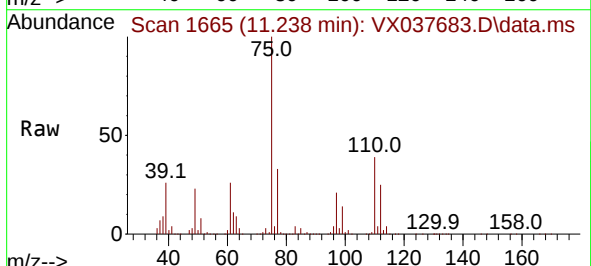
Manual Integrations
APPROVED

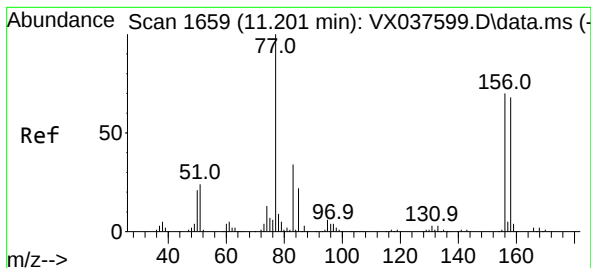
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#76
1,2,3-Trichloropropane
Concen: 49.769 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 75 Resp: 204721
Ion Ratio Lower Upper
75 100
77 44.2 19.1 57.5





#77

Bromobenzene

Concen: 53.017 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

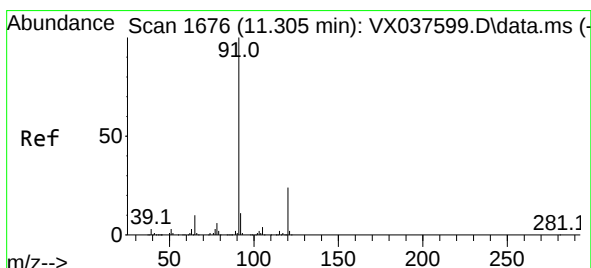
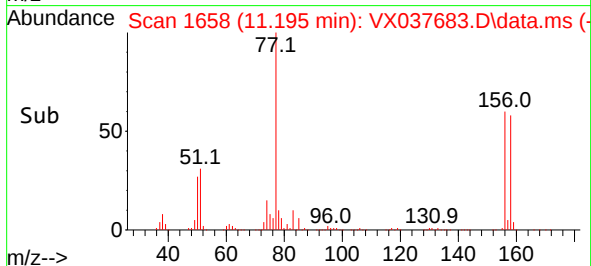
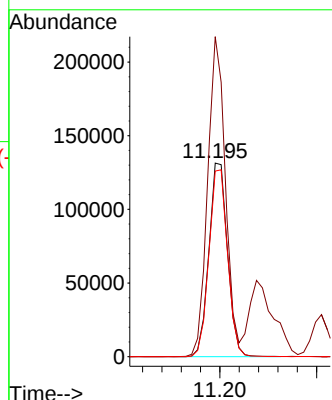
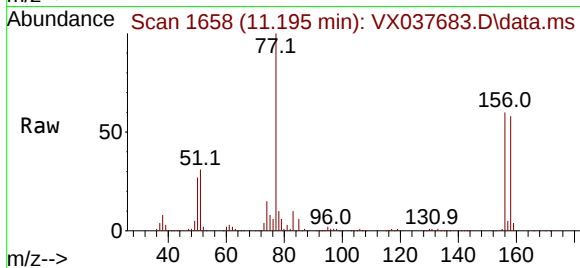
Tgt Ion:	156	Resp:	176000
Ion Ratio	Lower	Upper	
156	100		
77	157.2	88.4	265.3
158	96.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#78

n-propylbenzene

Concen: 52.854 ug/l

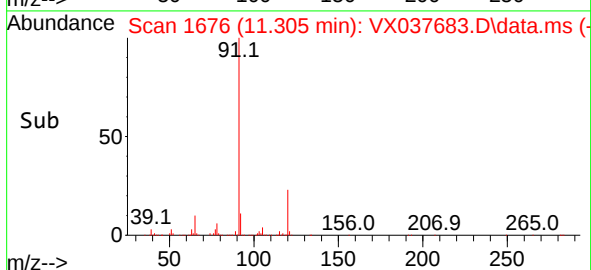
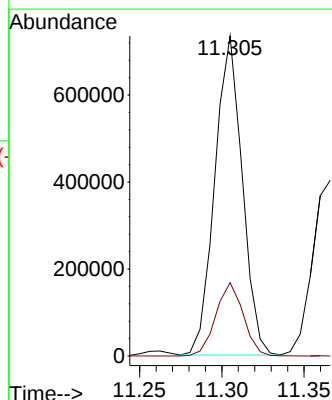
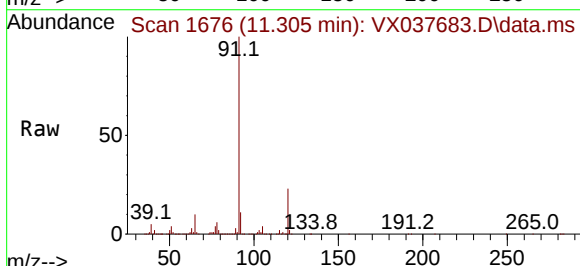
RT: 11.305 min Scan# 1676

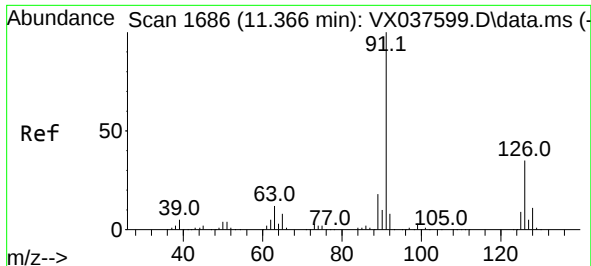
Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Tgt Ion:	91	Resp:	851805
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





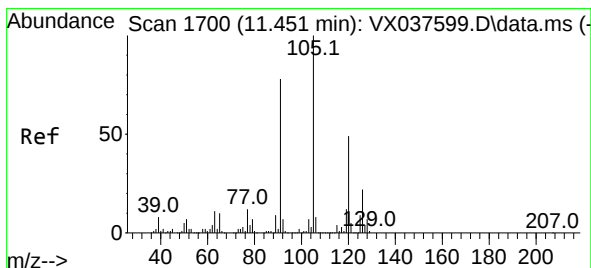
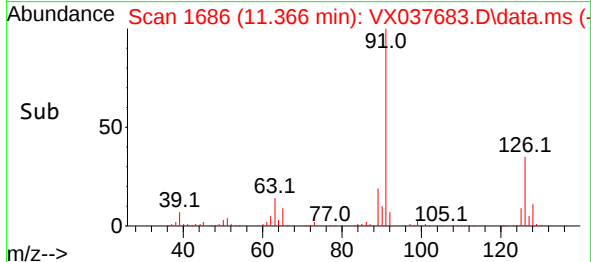
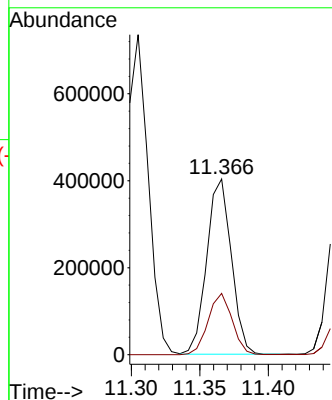
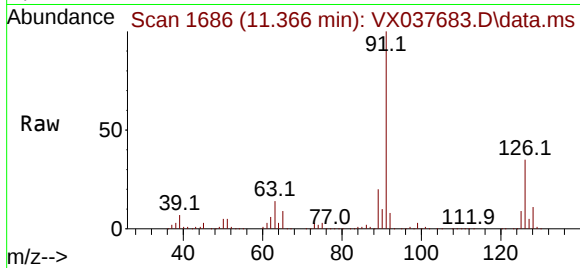
#79
2-Chlorotoluene
Concen: 50.647 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 502440
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

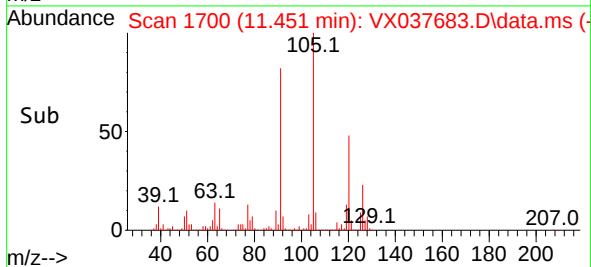
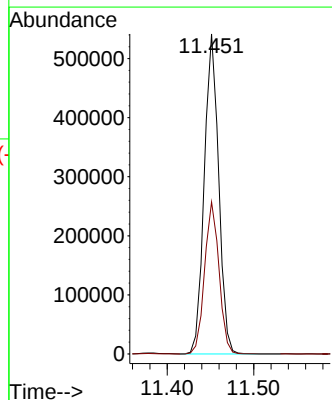
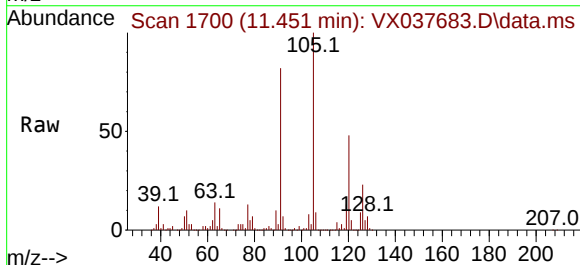
Manual Integrations
APPROVED

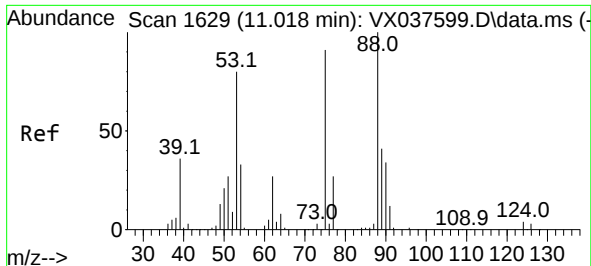
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.986 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:105 Resp: 623805
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





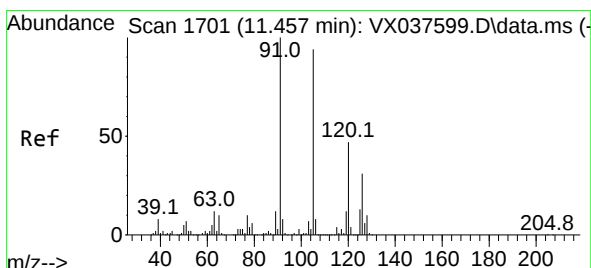
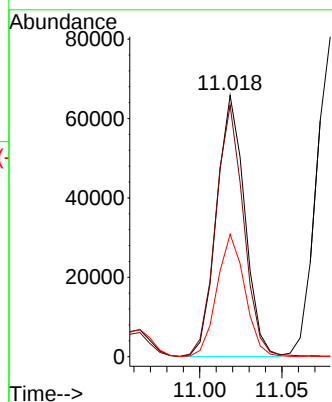
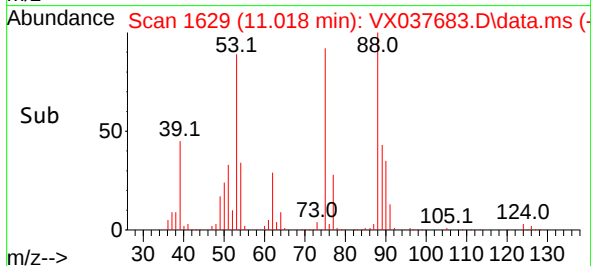
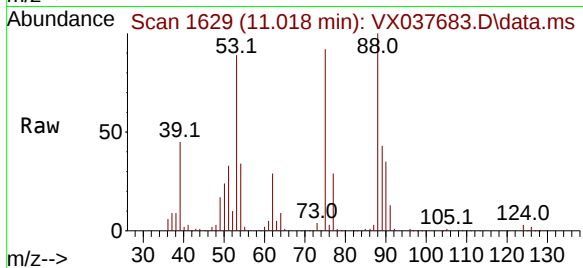
#81
trans-1,4-Dichloro-2-butene
Concen: 57.887 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 78334
Ion Ratio Lower Upper
75 100
53 94.9 90.5 135.7
89 46.4 36.9 55.3

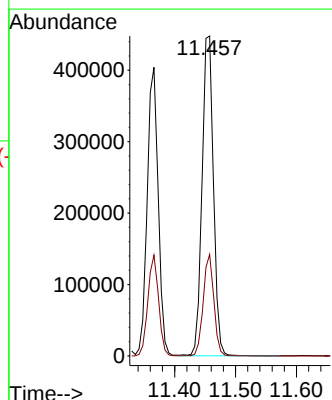
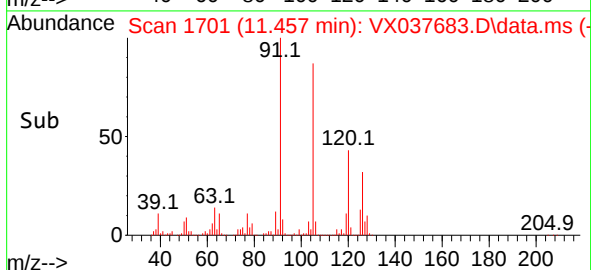
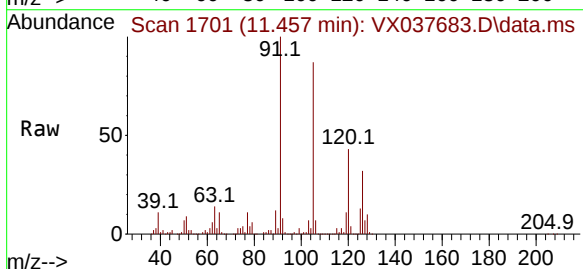
Manual Integrations
APPROVED

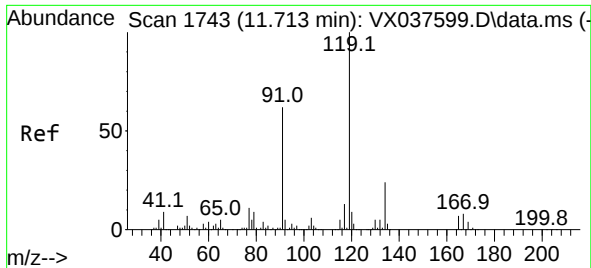
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#82
4-Chlorotoluene
Concen: 51.538 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 91 Resp: 584052
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





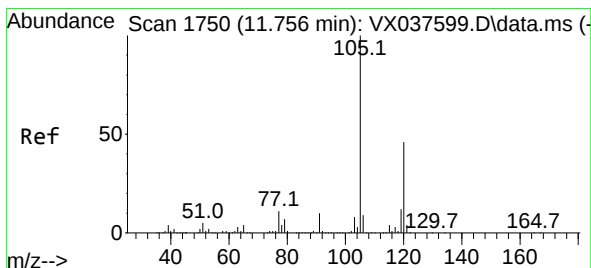
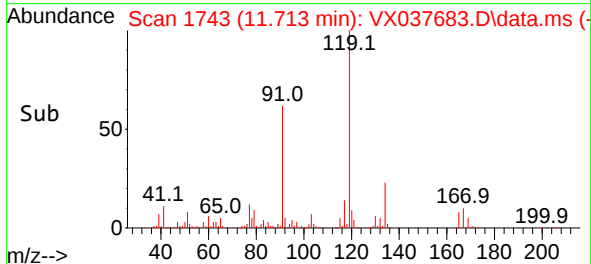
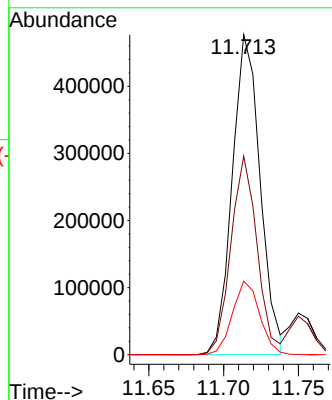
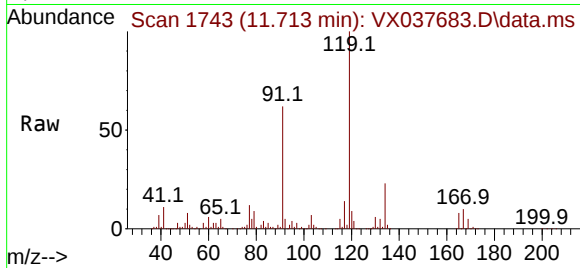
#83
tert-Butylbenzene
Concen: 52.327 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 61887
Ion Ratio Lower Upper
119 100
91 58.4 31.2 93.6
134 22.4 11.7 35.0

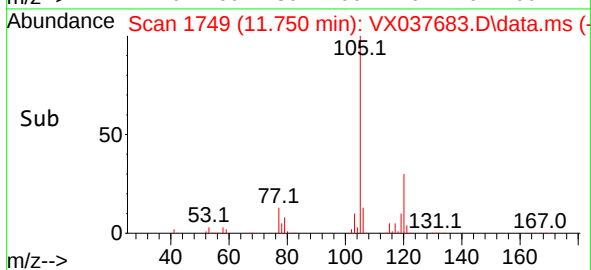
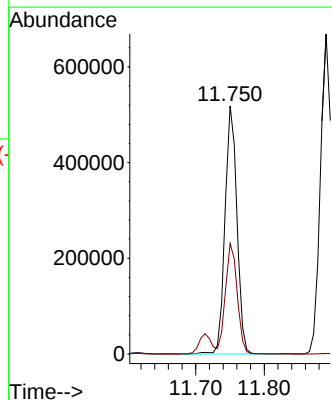
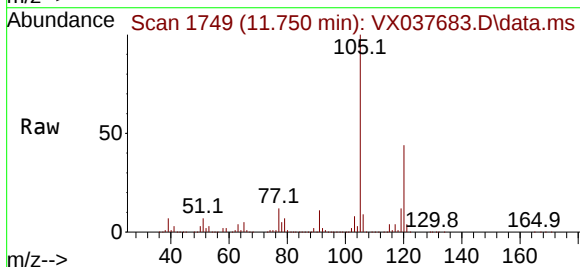
Manual Integrations
APPROVED

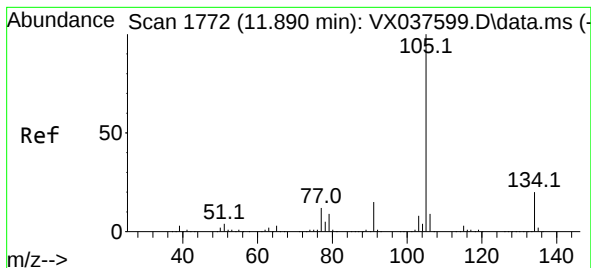
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.536 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:105 Resp: 623563
Ion Ratio Lower Upper
105 100
120 43.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 53.666 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 78359

Ion Ratio Lower Upper

105 100

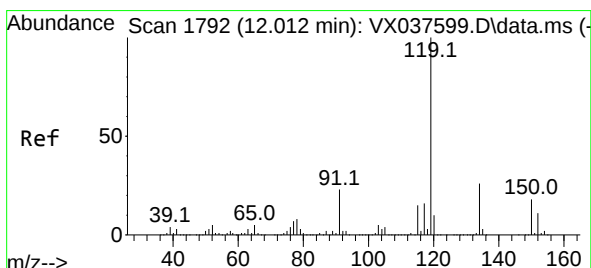
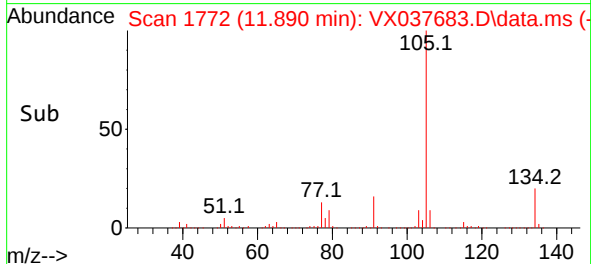
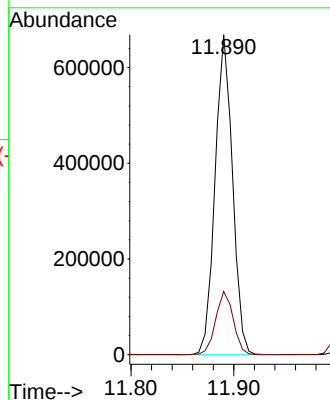
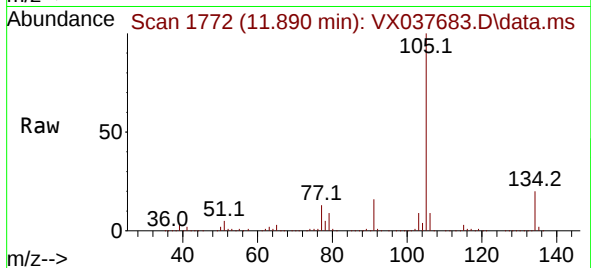
134 20.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#86

p-Isopropyltoluene

Concen: 55.614 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

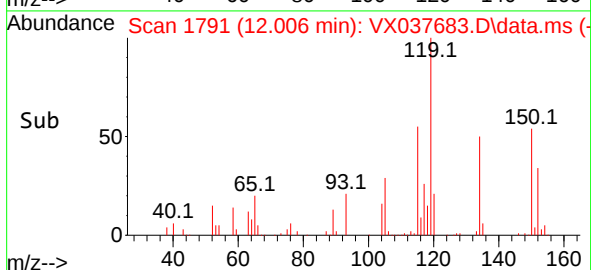
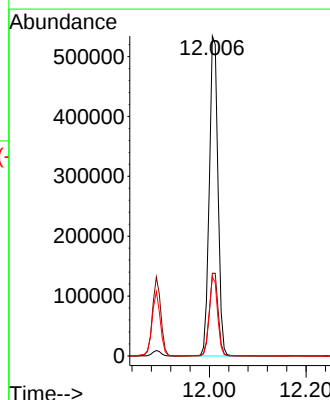
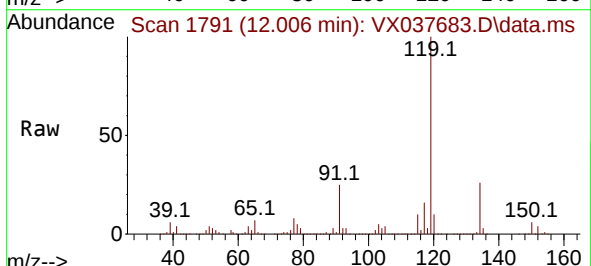
Tgt Ion:119 Resp: 665415

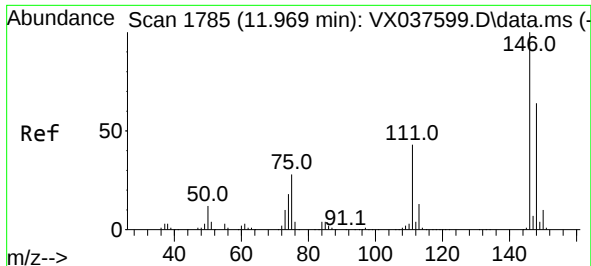
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.740 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 336169

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.1

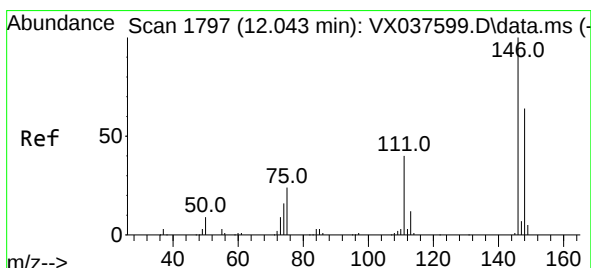
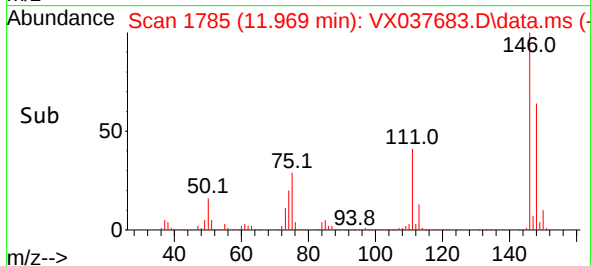
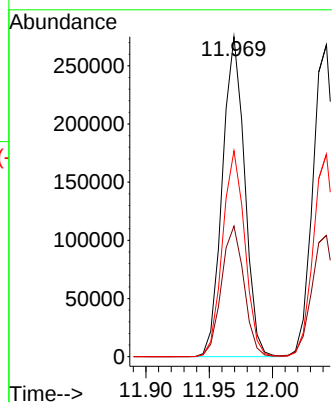
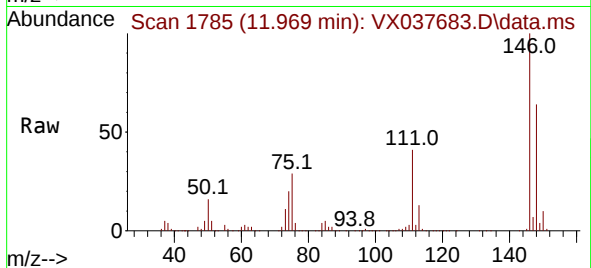
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#88

1,4-Dichlorobenzene

Concen: 51.266 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

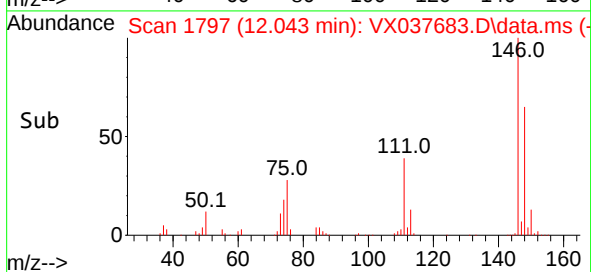
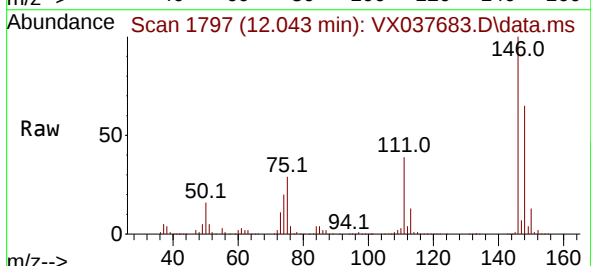
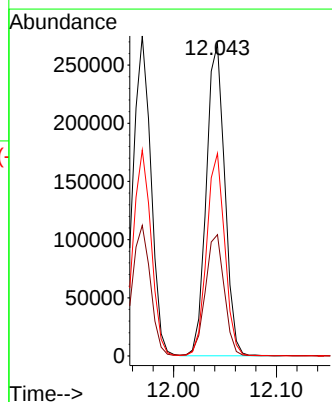
Tgt Ion:146 Resp: 335840

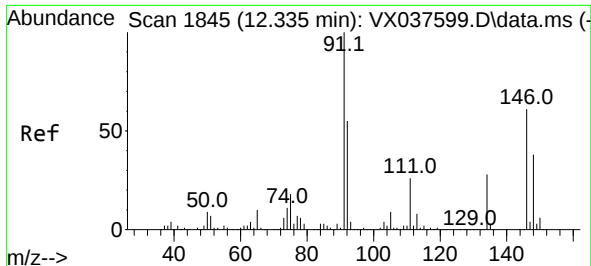
Ion Ratio Lower Upper

146 100

111 39.9 21.3 63.7

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 55.181 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 597970

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

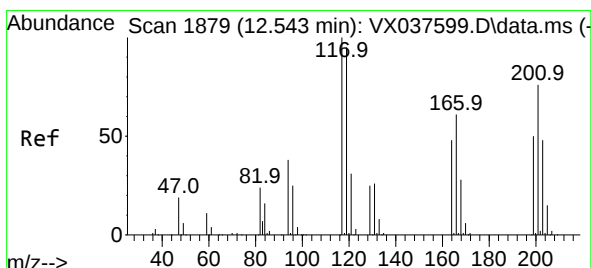
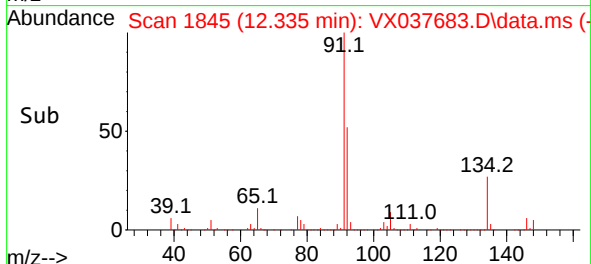
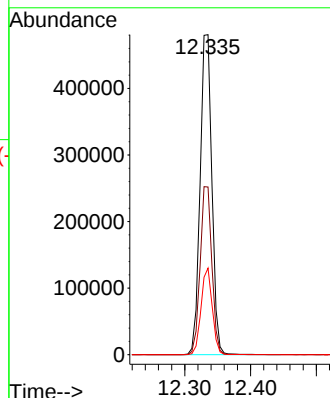
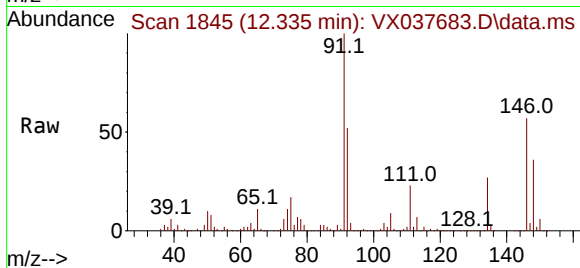
134 25.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#90

Hexachloroethane

Concen: 56.337 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037683.D

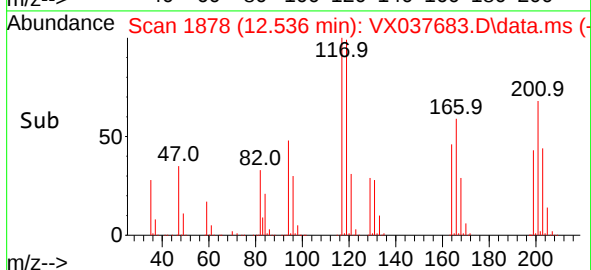
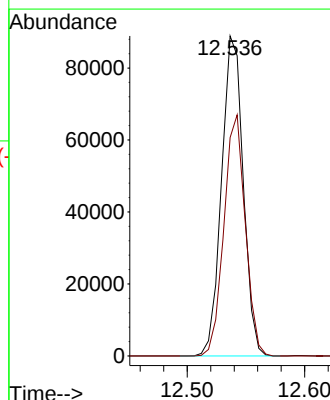
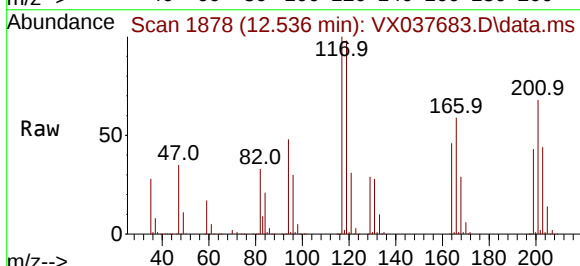
Acq: 13 Sep 2023 10:19

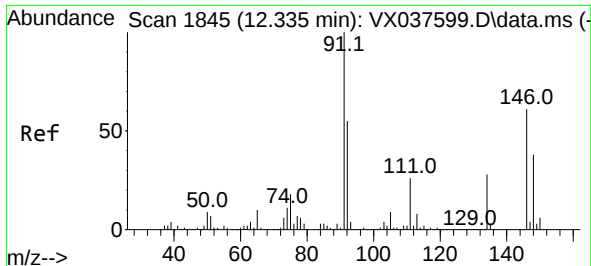
Tgt Ion:117 Resp: 113745

Ion Ratio Lower Upper

117 100

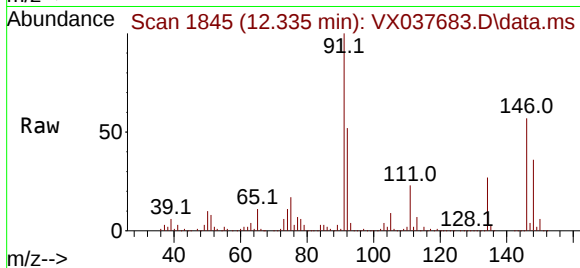
201 74.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.158 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

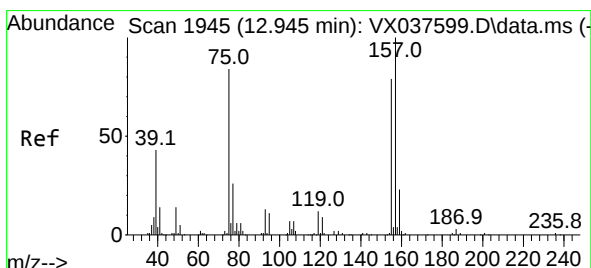
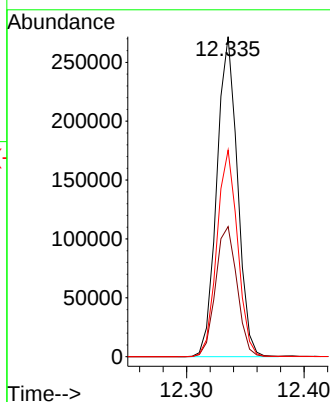
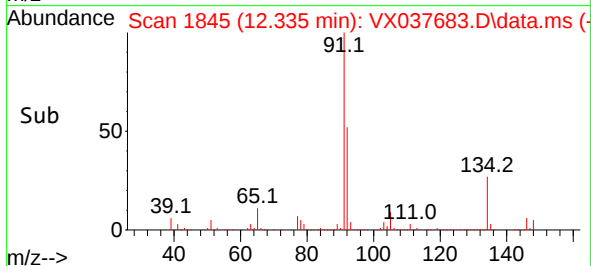
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 332630
Ion Ratio Lower Upper
146 100
111 42.3 22.4 67.0
148 64.8 31.6 95.0

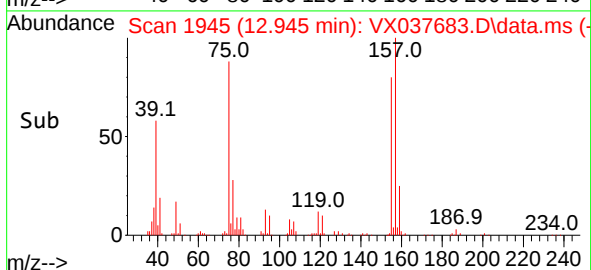
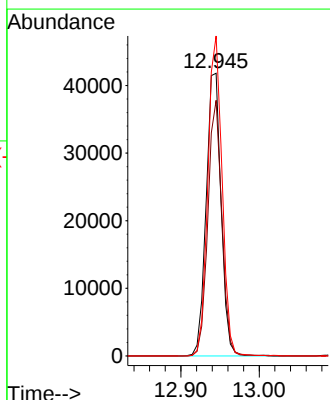
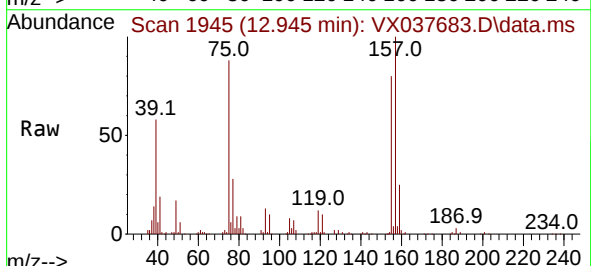
Manual Integrations
APPROVED

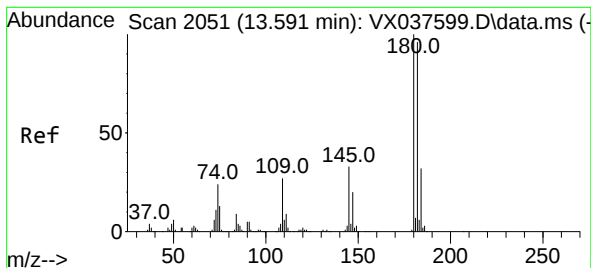
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.343 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion: 75 Resp: 55265
Ion Ratio Lower Upper
75 100
155 84.6 36.1 108.5
157 107.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 56.022 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 212769

Ion Ratio Lower Upper

180 100

182 92.9 48.3 144.8

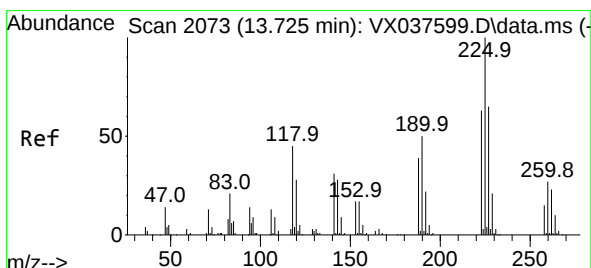
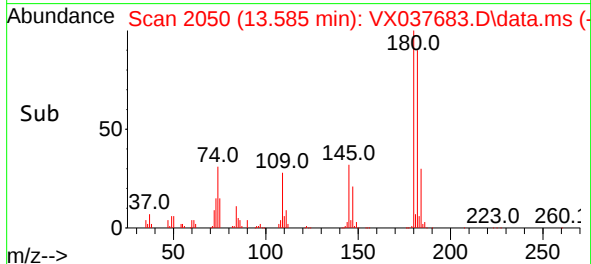
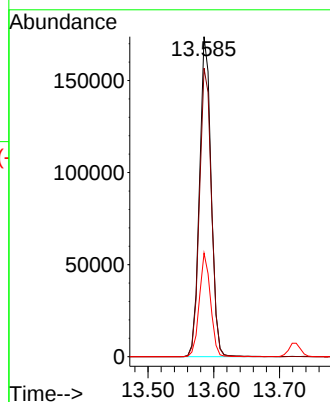
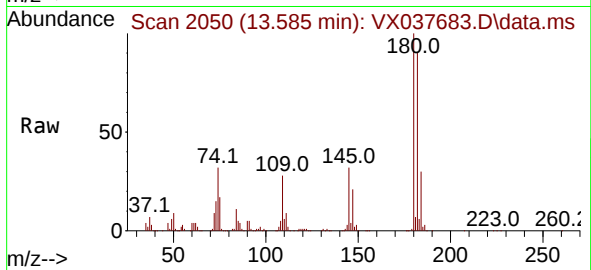
145 31.1 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#94

Hexachlorobutadiene

Concen: 57.578 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037683.D

Acq: 13 Sep 2023 10:19

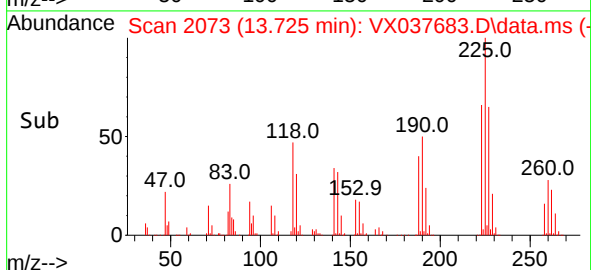
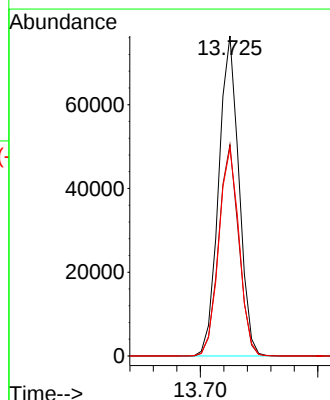
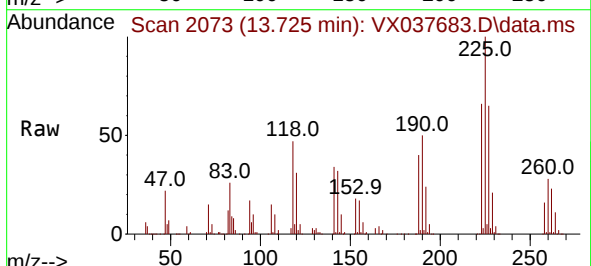
Tgt Ion:225 Resp: 91348

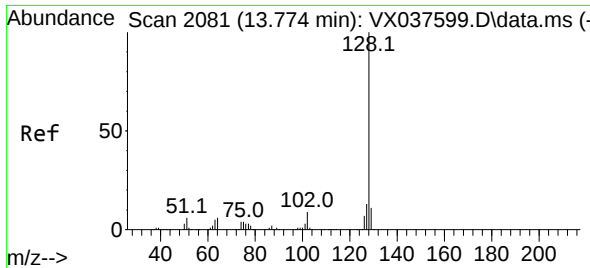
Ion Ratio Lower Upper

225 100

223 65.4 31.1 93.2

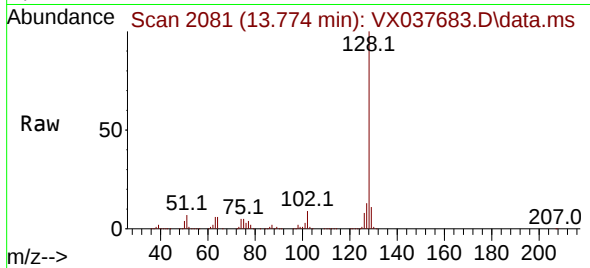
227 65.3 32.5 97.5





#95
Naphthalene
Concen: 52.337 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

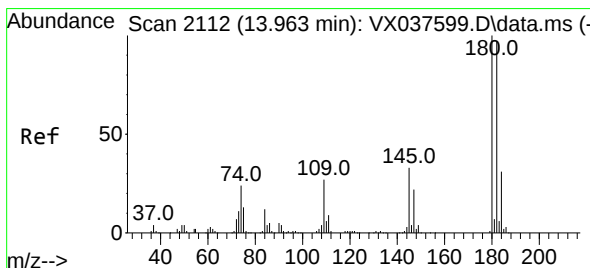
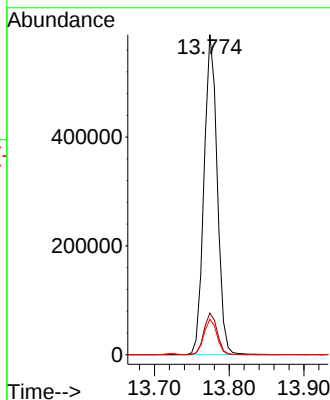
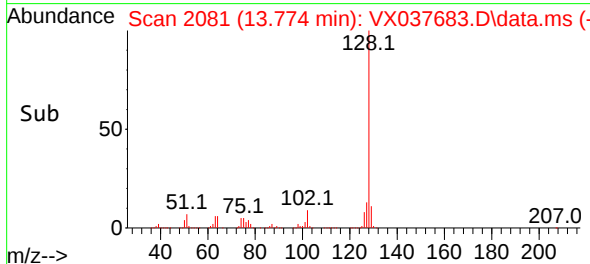
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 720035
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.408 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX037683.D
Acq: 13 Sep 2023 10:19

Tgt Ion:180 Resp: 212018
Ion Ratio Lower Upper
180 100
182 93.6 46.9 140.6
145 33.5 17.8 53.5

