

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036711.D
 Acq On : 31 Jul 2023 11:33
 Operator : JC/MD
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 04:33:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116156	47.998	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.000%		
35) Dibromofluoromethane	5.385	113	95827	49.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	8.647	98	332832	48.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	125711	48.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35384	16.377	ug/l	97
3) Chloromethane	1.301	50	32662	16.621	ug/l	100
4) Vinyl Chloride	1.374	62	40033	20.009	ug/l	100
5) Bromomethane	1.599	94	29904	25.035	ug/l	99
6) Chloroethane	1.685	64	22902	23.544	ug/l	95
7) Trichlorofluoromethane	1.886	101	60683	19.640	ug/l	97
8) Diethyl Ether	2.130	74	22056	18.451	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	34812	18.754	ug/l	98
10) Methyl Iodide	2.453	142	32380	16.794	ug/l	93
11) Tert butyl alcohol	2.959	59	57347	100.096	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	33370	18.221	ug/l	91
13) Acrolein	2.233	56	31839	97.378	ug/l	100
14) Allyl chloride	2.666	41	61885	17.161	ug/l	95
15) Acrylonitrile	3.062	53	109559	95.090	ug/l	98
16) Acetone	2.380	43	96962	96.556	ug/l #	89
17) Carbon Disulfide	2.508	76	83808	16.581	ug/l	100
18) Methyl Acetate	2.703	43	78483	18.578	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	131937	19.171	ug/l	99
20) Methylene Chloride	2.788	84	39643	17.751	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	36955	18.055	ug/l	89
22) Diisopropyl ether	3.757	45	126342	18.452	ug/l	97
23) Vinyl Acetate	3.721	43	492752	93.816	ug/l	95
24) 1,1-Dichloroethane	3.611	63	71444	18.610	ug/l	98
25) 2-Butanone	4.556	43	153765	94.377	ug/l	93
26) 2,2-Dichloropropane	4.477	77	66489	18.380	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	44902	18.470	ug/l	94
28) Bromochloromethane	4.897	49	37848	20.385	ug/l	91
29) Tetrahydrofuran	5.007	42	98388	93.666	ug/l	94
30) Chloroform	5.093	83	75592	19.246	ug/l	99
31) Cyclohexane	5.471	56	57968	17.300	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	67584	18.779	ug/l	98
36) 1,1-Dichloropropene	5.690	75	53244	18.399	ug/l	98
37) Ethyl Acetate	4.715	43	60266	18.400	ug/l	96
38) Carbon Tetrachloride	5.678	117	58757	19.099	ug/l	97
39) Methylcyclohexane	7.379	83	63170	17.555	ug/l	94
40) Benzene	6.037	78	157400	18.695	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	31410	17.930	ug/l	91
42) 1,2-Dichloroethane	6.086	62	59331	19.274	ug/l	95
43) Isopropyl Acetate	6.336	43	102698	18.215	ug/l	96
44) Trichloroethene	7.123	130	40985	18.623	ug/l	97
45) 1,2-Dichloropropane	7.427	63	41604	18.508	ug/l	98
46) Dibromomethane	7.580	93	30165	19.174	ug/l	96
47) Bromodichloromethane	7.824	83	60643	18.779	ug/l	96
48) Methyl methacrylate	7.690	41	48449	18.478	ug/l	92
49) 1,4-Dioxane	7.659	88	20881	394.211	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	304922	97.729	ug/l	96
52) Toluene	8.720	92	100115	18.977	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67587	18.518	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70877	18.403	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	42977	19.380	ug/l	98
56) Ethyl methacrylate	9.116	69	68897	19.080	ug/l	94
57) 1,3-Dichloropropane	9.305	76	72378	19.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	169875	95.475	ug/l	98
59) 2-Hexanone	9.427	43	231118	99.809	ug/l	95
60) Dibromochloromethane	9.519	129	47166	19.351	ug/l	100
61) 1,2-Dibromoethane	9.610	107	45063	19.607	ug/l	99
64) Tetrachloroethene	9.275	164	35842	18.951	ug/l	96
65) Chlorobenzene	10.079	112	107259	19.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	42779	19.802	ug/l	100
67) Ethyl Benzene	10.195	91	194253	19.024	ug/l	99
68) m/p-Xylenes	10.299	106	146195	38.374	ug/l	98
69) o-Xylene	10.640	106	72914	19.174	ug/l	98
70) Styrene	10.653	104	119730	19.083	ug/l	98
71) Bromoform	10.799	173	34158	19.532	ug/l #	99
73) Isopropylbenzene	10.963	105	187886	18.665	ug/l	98
74) N-amyl acetate	10.841	43	87817	18.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	65711	19.328	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55084m	19.254	ug/l	
77) Bromobenzene	11.195	156	43622	19.029	ug/l	96
78) n-propylbenzene	11.305	91	217592	18.691	ug/l	100
79) 2-Chlorotoluene	11.366	91	130399	18.485	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	160695	19.083	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21286	16.864	ug/l	87
82) 4-Chlorotoluene	11.451	91	149015	18.540	ug/l	98
83) tert-Butylbenzene	11.713	119	156909	18.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	159948	18.992	ug/l	98
85) sec-Butylbenzene	11.890	105	196863	19.082	ug/l	99
86) p-Isopropyltoluene	12.006	119	162076	19.092	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	80468	18.952	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	81025	19.230	ug/l	99
89) n-Butylbenzene	12.329	91	140719	18.517	ug/l	99
90) Hexachloroethane	12.536	117	31366	18.226	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	78704	19.209	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14314	18.118	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	47462	18.802	ug/l	97
94) Hexachlorobutadiene	13.725	225	19194	18.380	ug/l	98
95) Naphthalene	13.774	128	168309	19.134	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	46898	18.850	ug/l	99

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MSVOA_X
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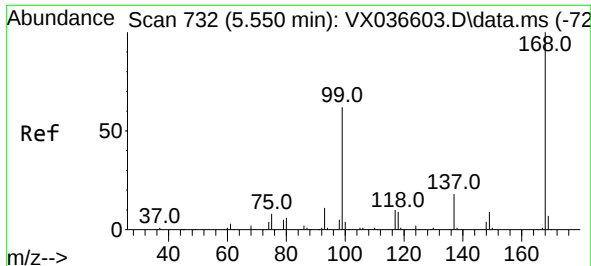
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 04:33:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

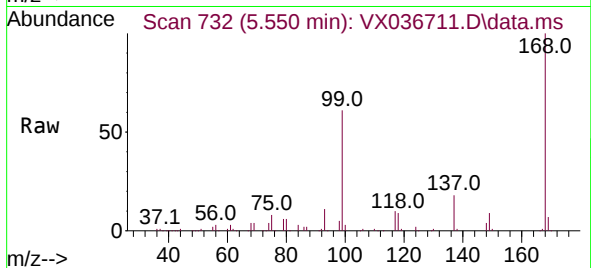
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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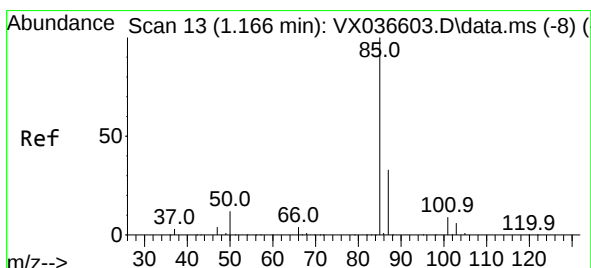
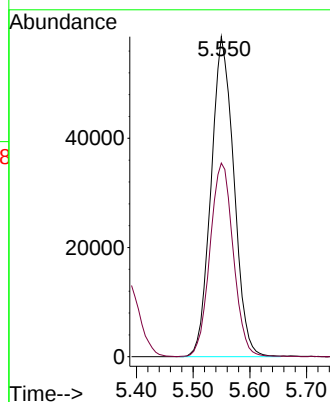
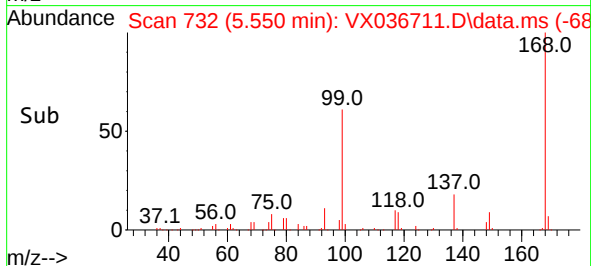
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



Tgt Ion:168 Resp: 163552
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0

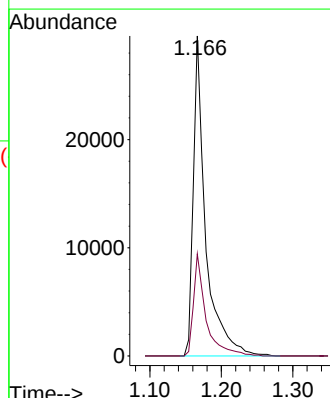
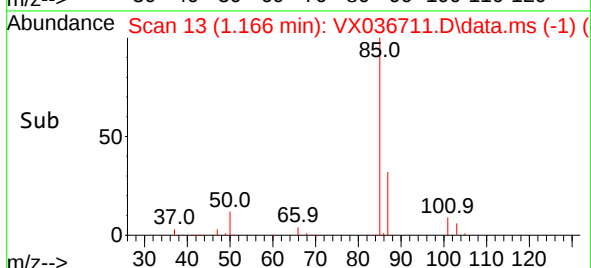
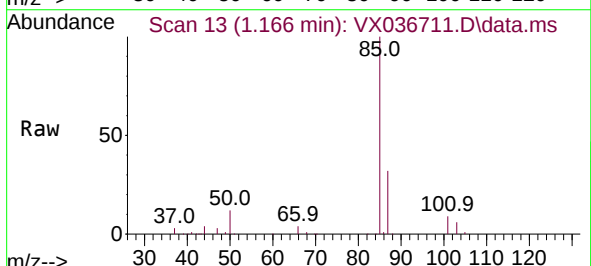
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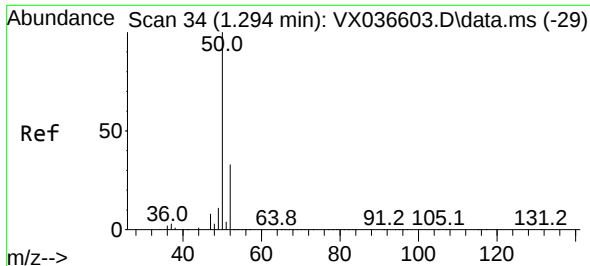
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 16.377 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

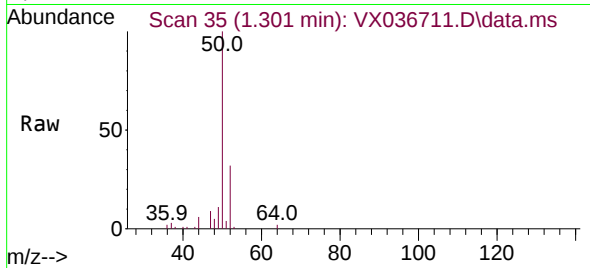
Tgt Ion: 85 Resp: 35384
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 16.621 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

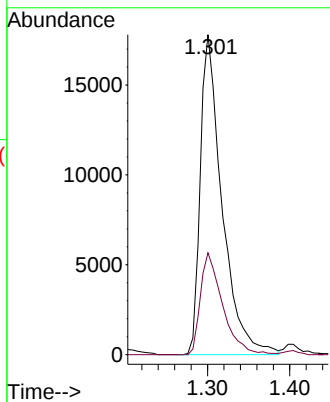
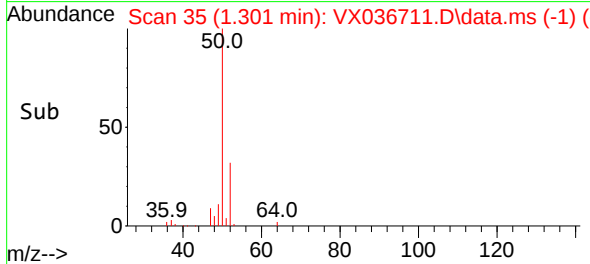
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 32662
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3

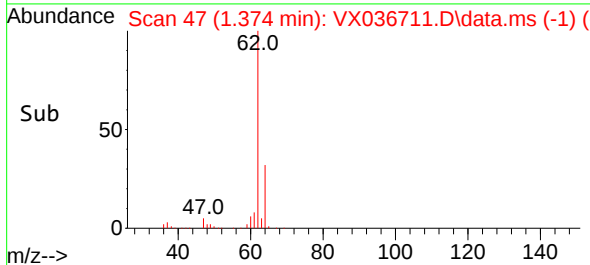
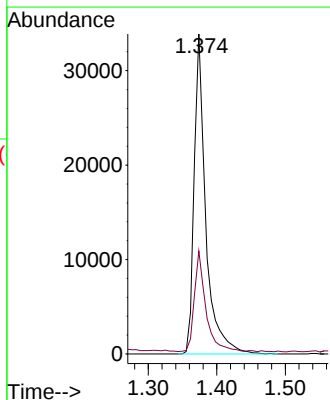
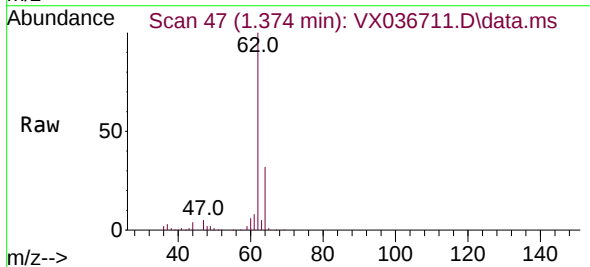
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Reviewed By :John Carlone 08/01/2023
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#4
Vinyl Chloride
Concen: 20.009 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

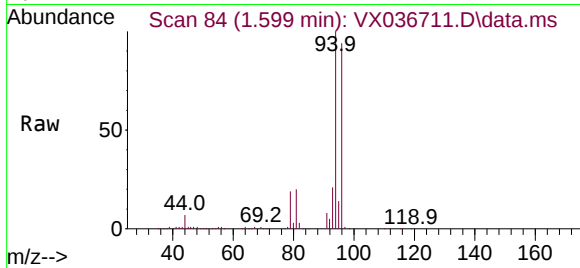
Tgt Ion: 62 Resp: 40033
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 25.035 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

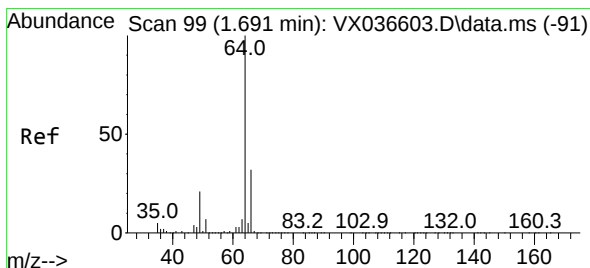
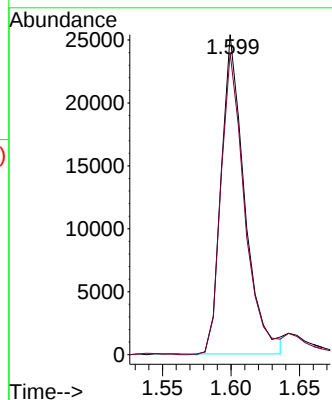
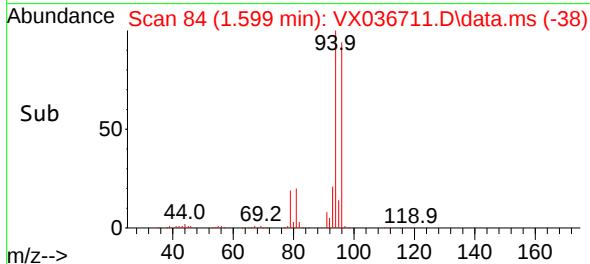
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



Tgt Ion: 94 Resp: 29904
Ion Ratio Lower Upper
94 100
96 94.6 74.6 111.8

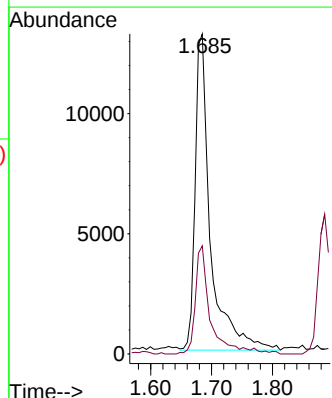
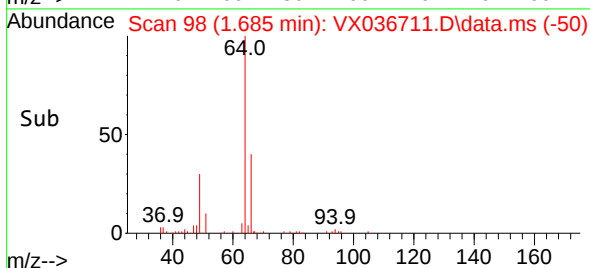
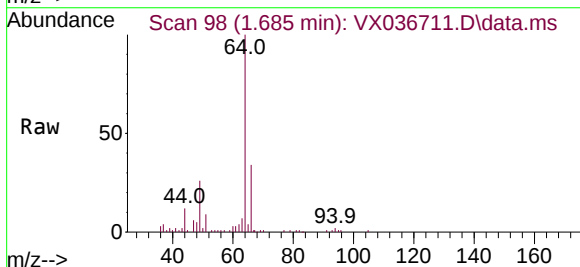
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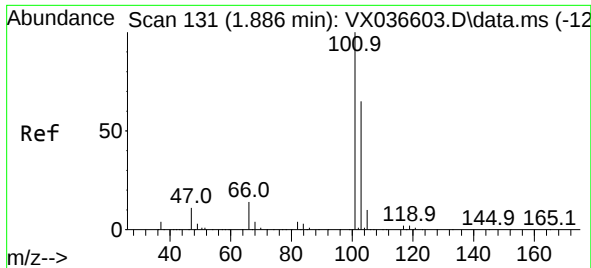
Reviewed By :John Carlone 08/01/2023
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#6
Chloroethane
Concen: 23.544 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 64 Resp: 22902
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7





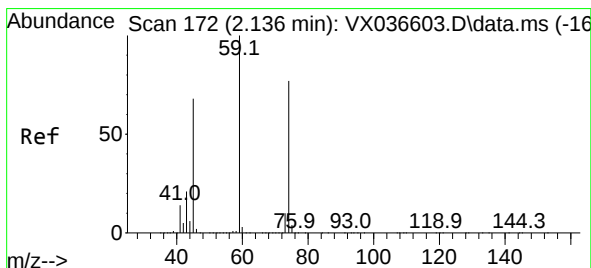
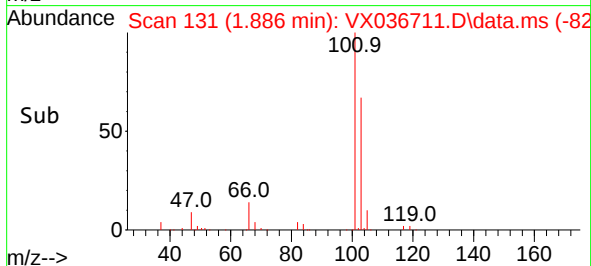
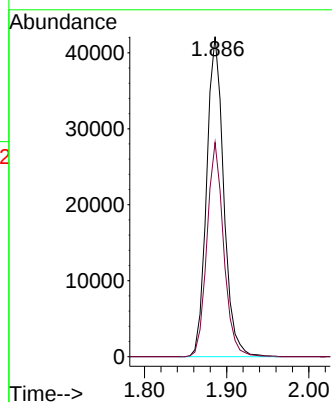
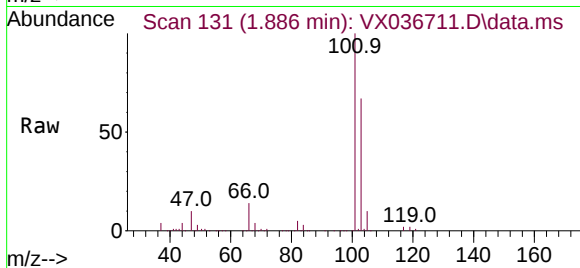
#7
 Trichlorofluoromethane
 Concen: 19.640 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036711.D
 Acq: 31 Jul 2023 11:33

Instrument :
 MSVOA_X
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Tgt Ion:101 Resp: 6068
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.2

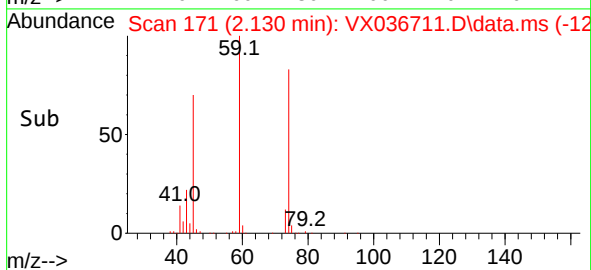
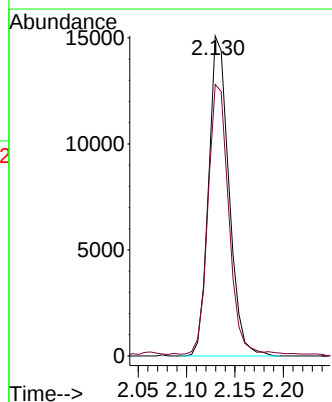
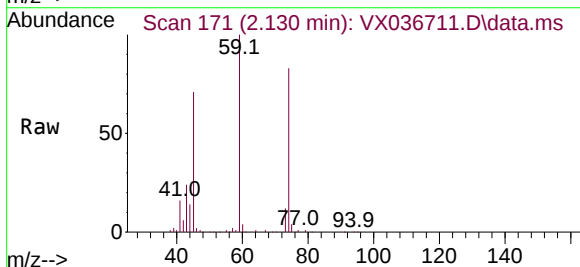
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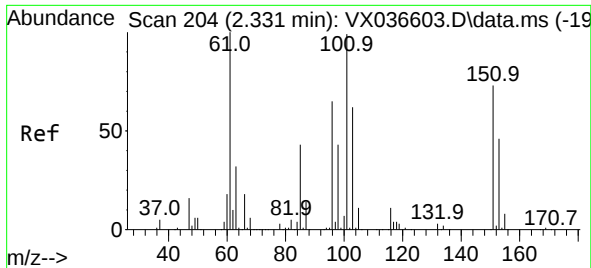
Reviewed By :John Carlone 08/01/2023
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#8
 Diethyl Ether
 Concen: 18.451 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036711.D
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Tgt Ion: 74 Resp: 22056
 Ion Ratio Lower Upper
 74 100
 45 89.5 53.3 159.8





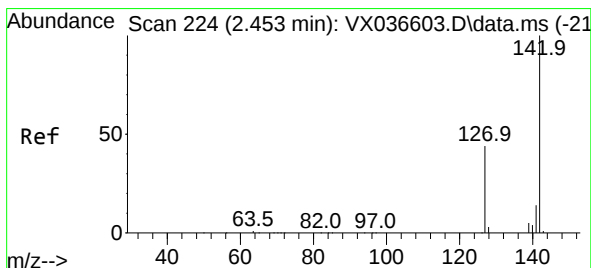
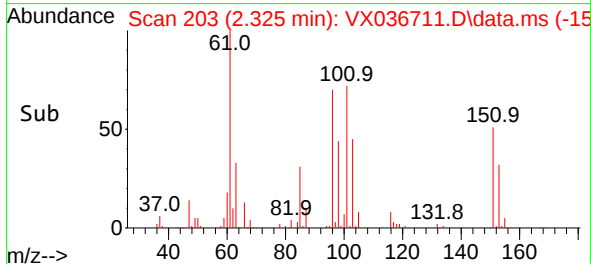
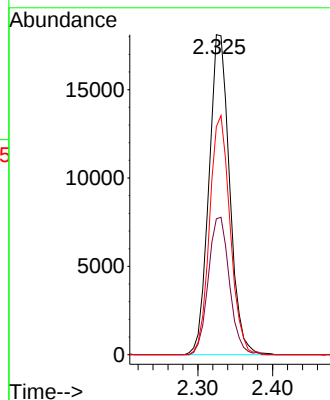
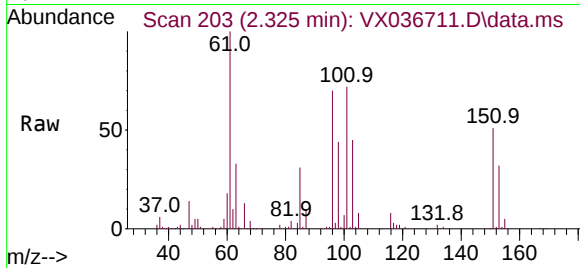
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.754 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036711.D
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Tgt Ion:101 Resp: 3481
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 74.0 58.6 87.8

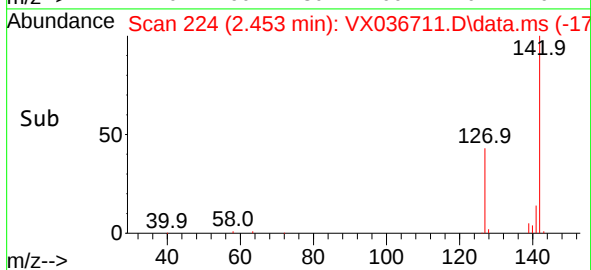
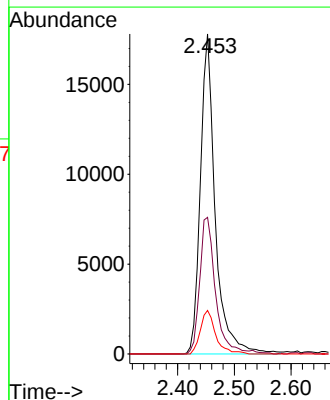
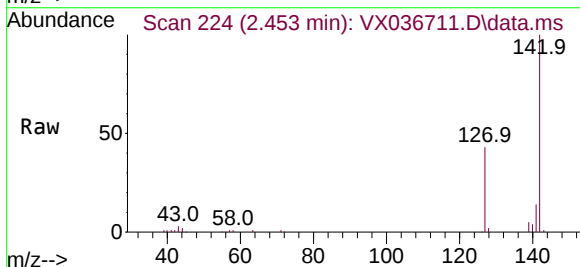
Manual Integrations
APPROVED

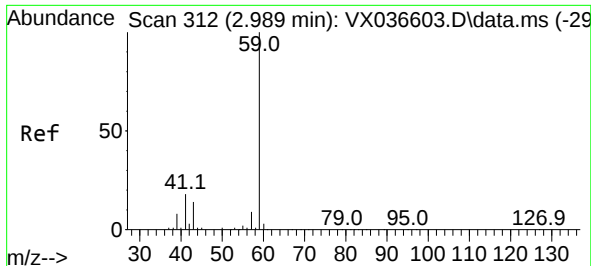
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Methyl Iodide
Concen: 16.794 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion:142 Resp: 32380
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 100.096 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.030 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tgt Ion: 59 Resp: 5734

Ion Ratio Lower Upper

59 100

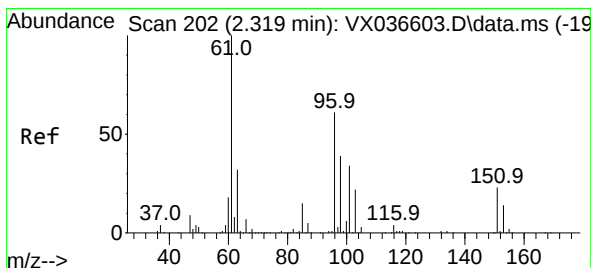
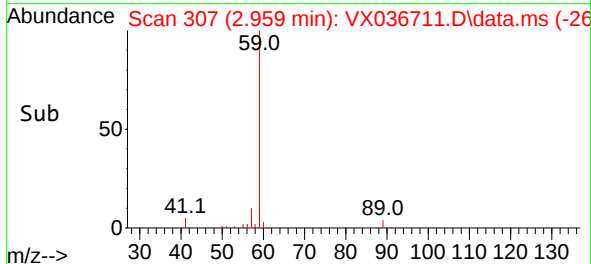
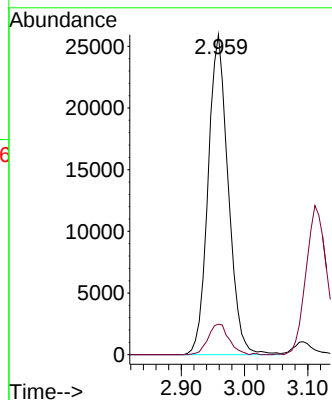
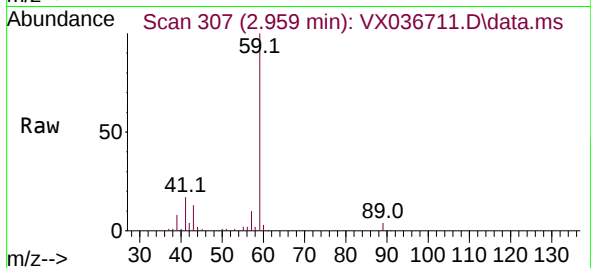
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#12

1,1-Dichloroethene

Concen: 18.221 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

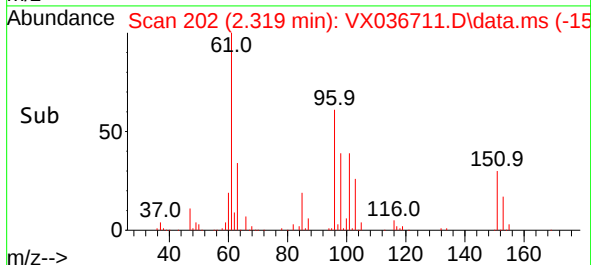
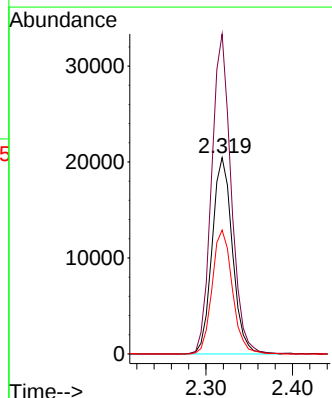
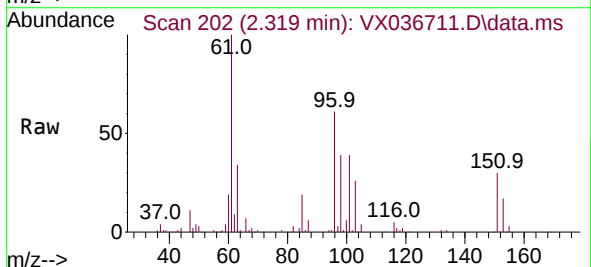
Tgt Ion: 96 Resp: 33370

Ion Ratio Lower Upper

96 100

61 162.9 144.6 216.8

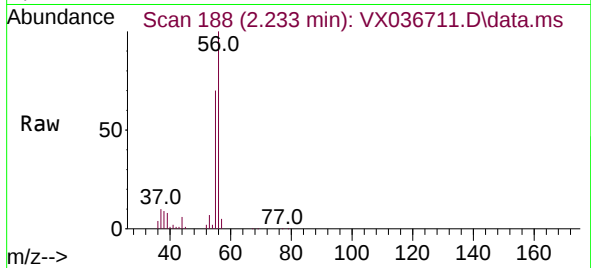
98 63.0 50.4 75.6





#13
Acrolein
Concen: 97.378 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

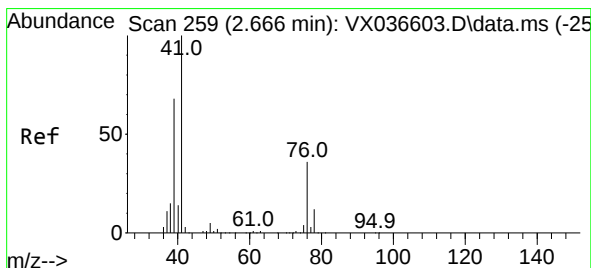
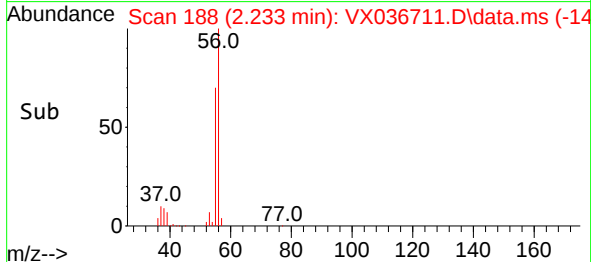
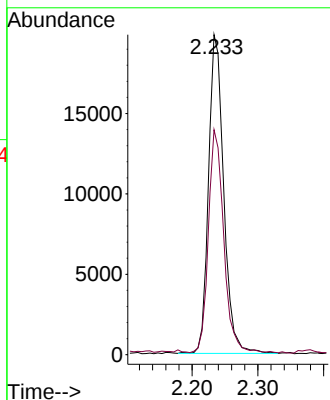
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



Tgt Ion: 56 Resp: 31839
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

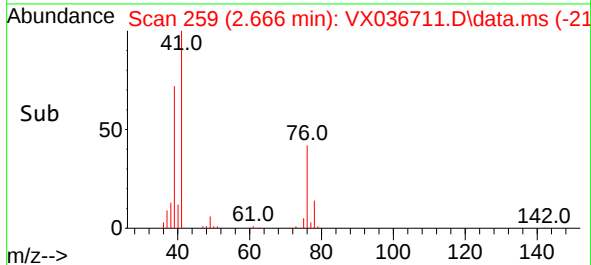
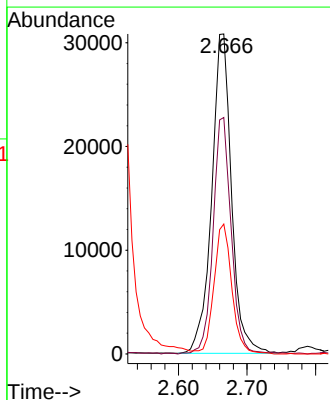
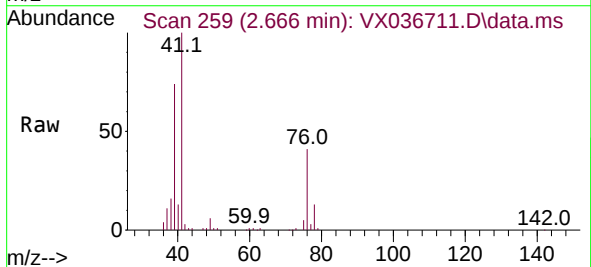
Manual Integrations
APPROVED

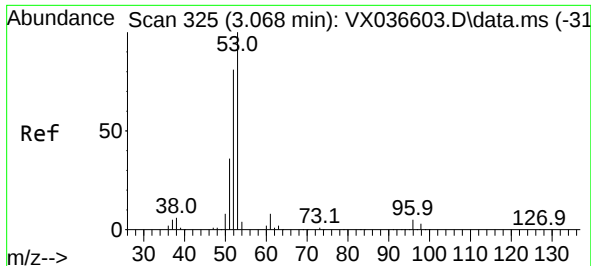
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#14
Allyl chloride
Concen: 17.161 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 41 Resp: 61885
Ion Ratio Lower Upper
41 100
39 67.8 55.8 83.6
76 36.4 24.3 36.5





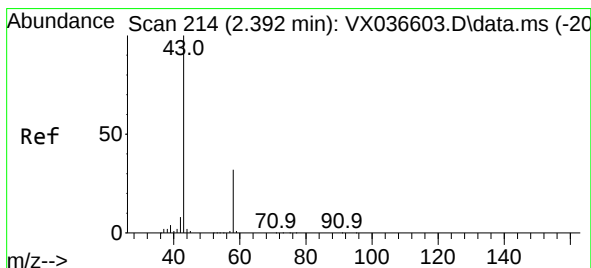
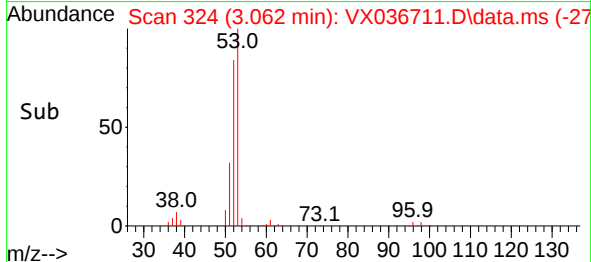
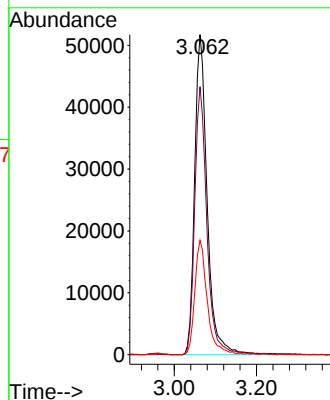
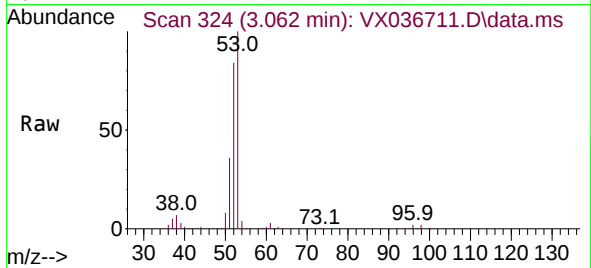
#15
Acrylonitrile
Concen: 95.090 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 53 Resp: 10955
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 35.6 29.8 44.6

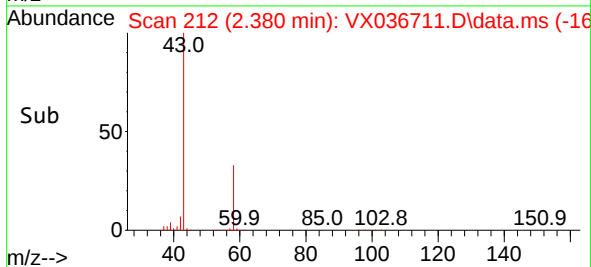
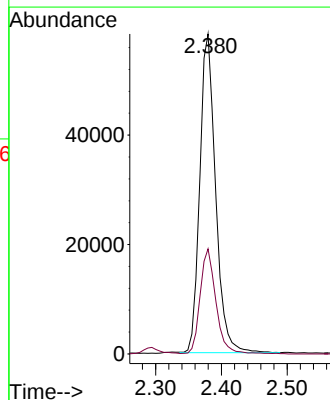
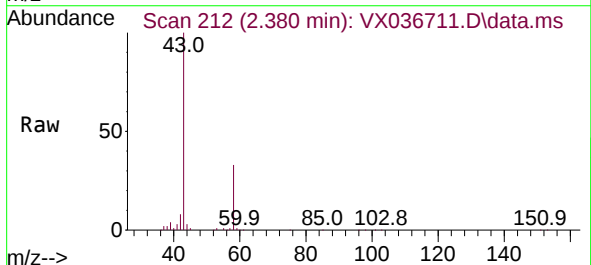
Manual Integrations
APPROVED

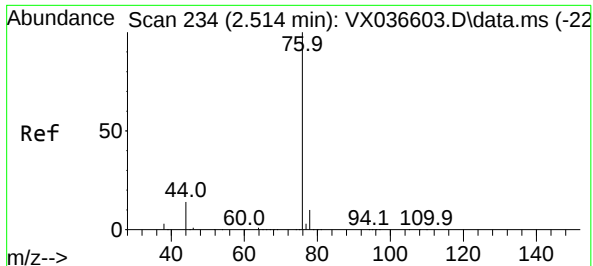
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 96.556 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 43 Resp: 96962
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#





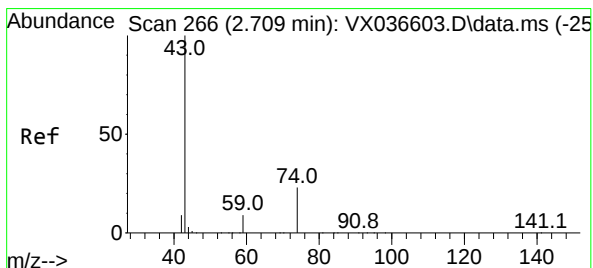
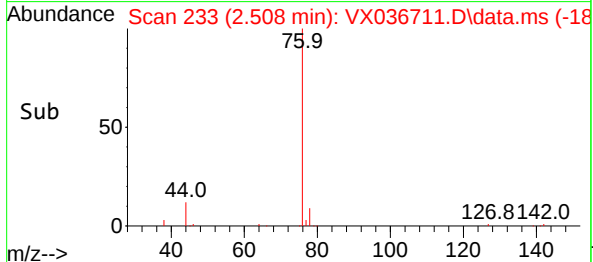
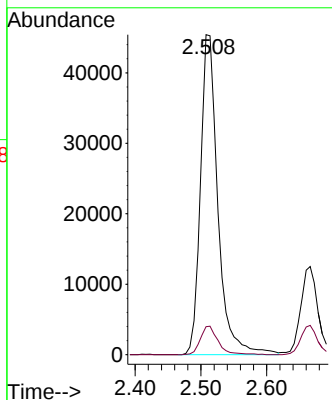
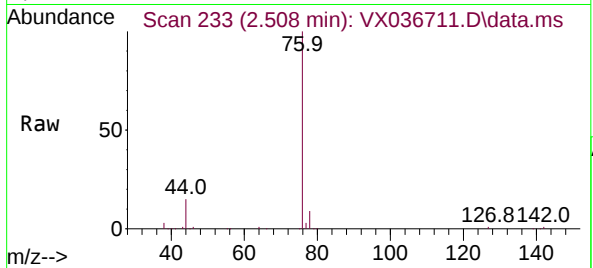
#17
Carbon Disulfide
Concen: 16.581 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 76 Resp: 83808
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

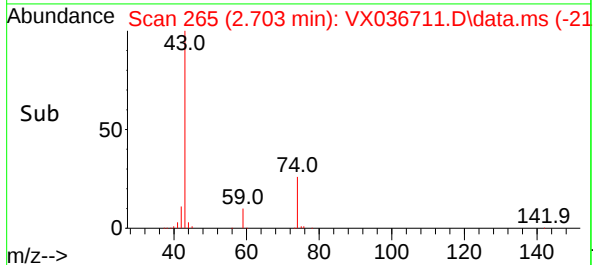
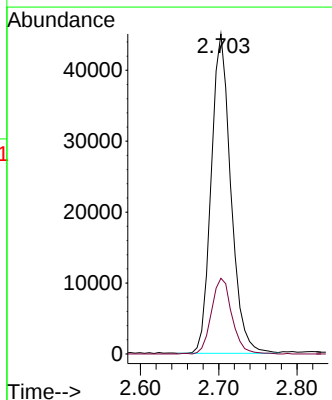
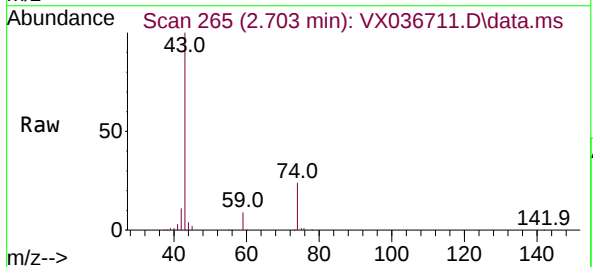
Manual Integrations
APPROVED

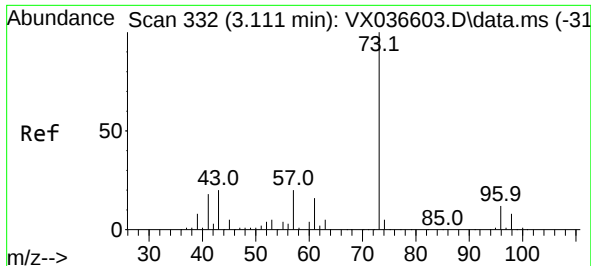
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#18
Methyl Acetate
Concen: 18.578 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 43 Resp: 78483
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8





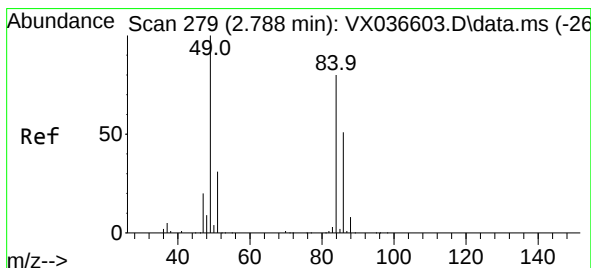
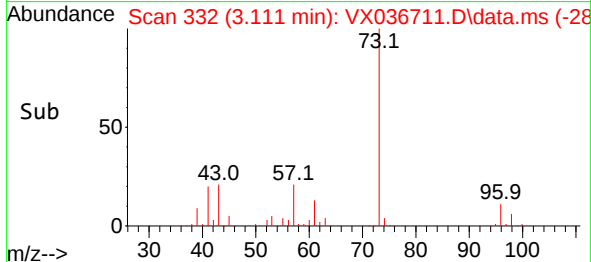
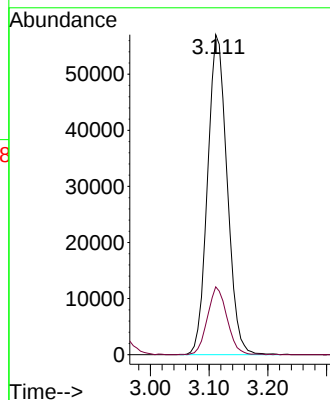
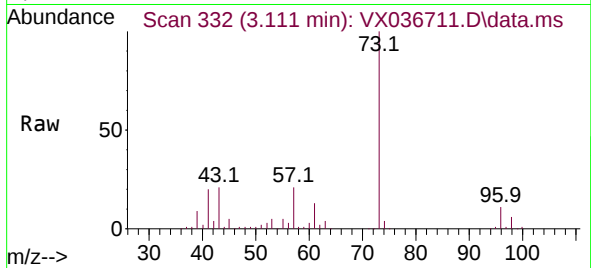
#19
Methyl tert-butyl Ether
Concen: 19.171 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 73 Resp: 13193
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

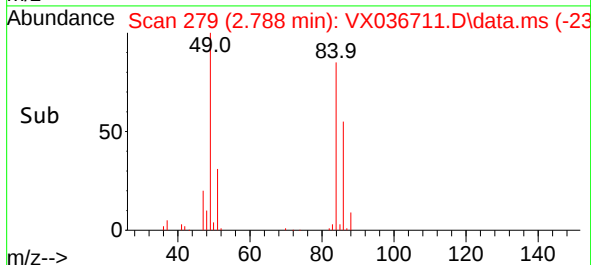
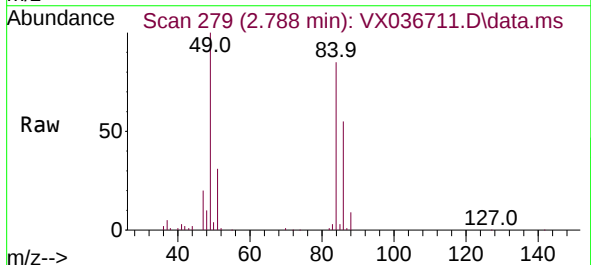
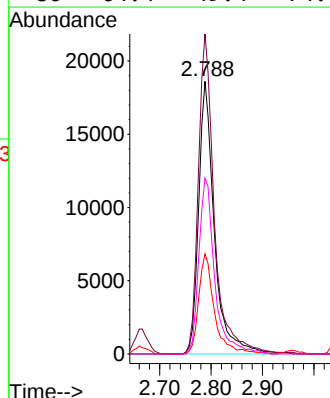
Manual Integrations
APPROVED

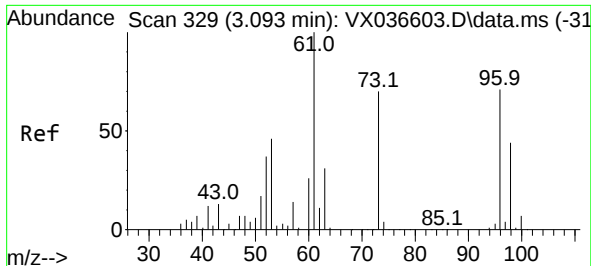
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#20
Methylene Chloride
Concen: 17.751 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

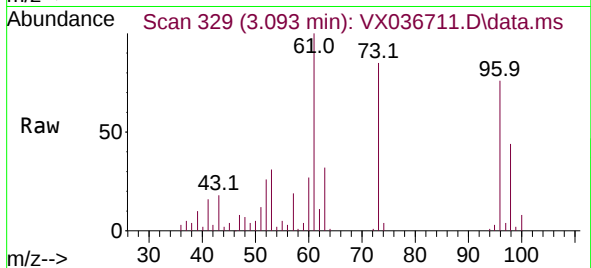
Tgt Ion: 84 Resp: 39643
Ion Ratio Lower Upper
84 100
49 117.4 103.6 155.4
51 36.7 33.8 50.6
86 64.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.055 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

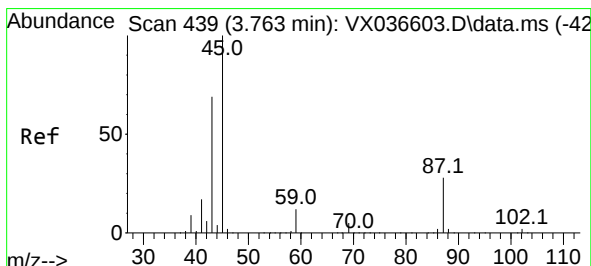
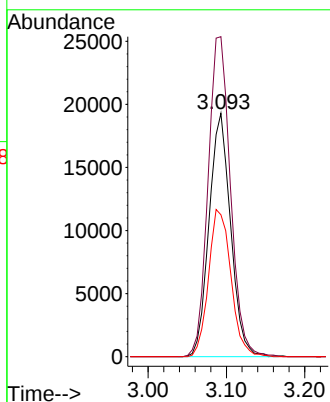
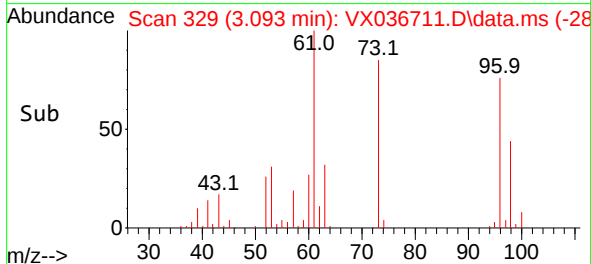
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



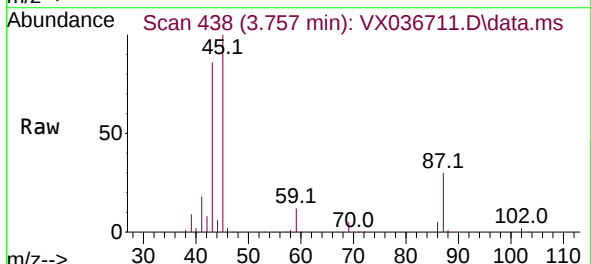
Tgt Ion: 96 Resp: 3695
Ion Ratio Lower Upper
96 100
61 131.5 119.2 178.8
98 58.3 48.7 73.1

Manual Integrations
APPROVED

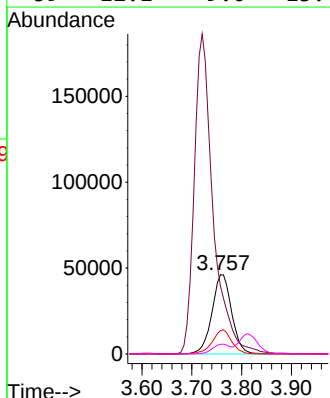
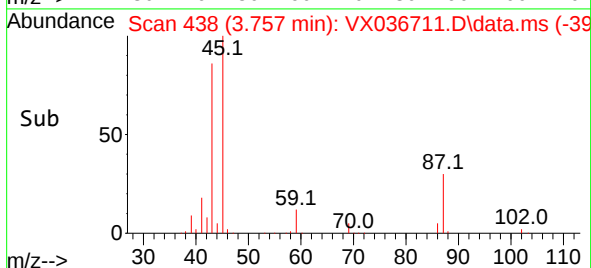
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

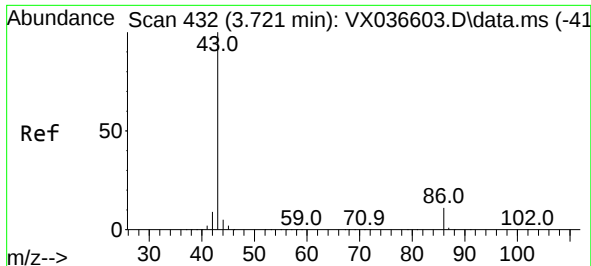


#22
Diisopropyl ether
Concen: 18.452 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



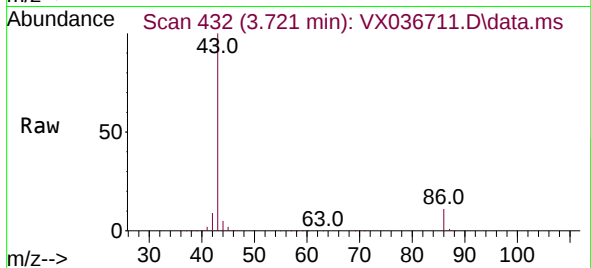
Tgt Ion: 45 Resp: 126342
Ion Ratio Lower Upper
45 100
43 85.4 69.7 104.5
87 29.5 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 93.816 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036711.D
 Acq: 31 Jul 2023 11:33

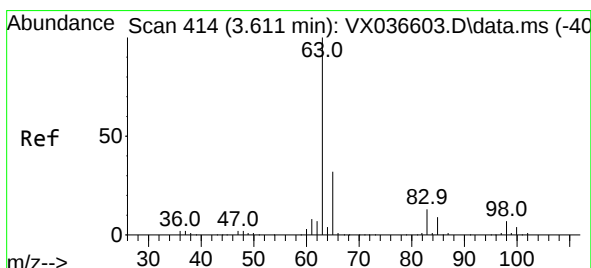
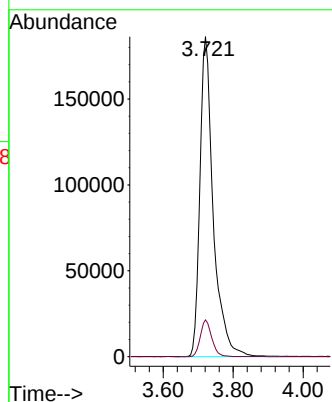
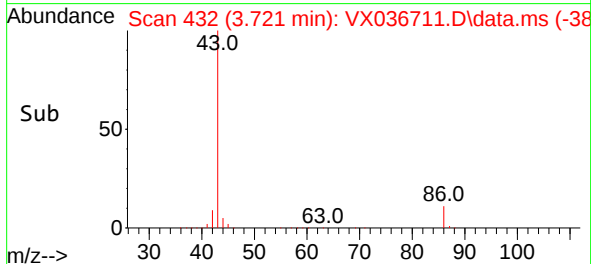
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01



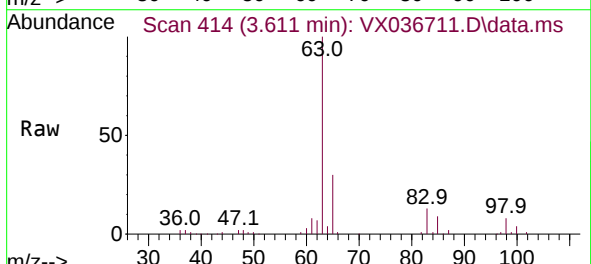
Tgt Ion: 43 Resp: 492752
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

Manual Integrations
 APPROVED

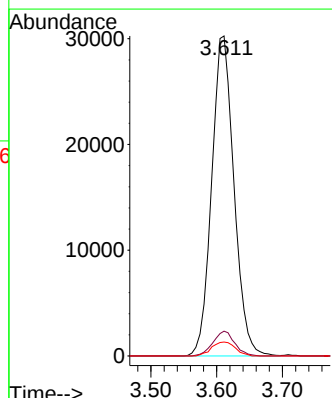
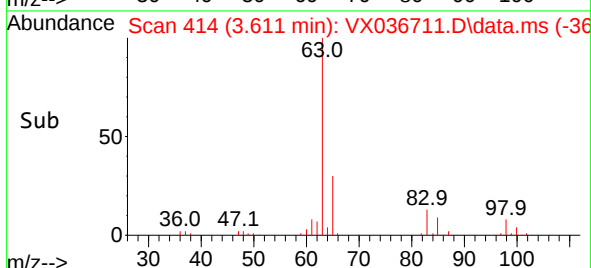
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

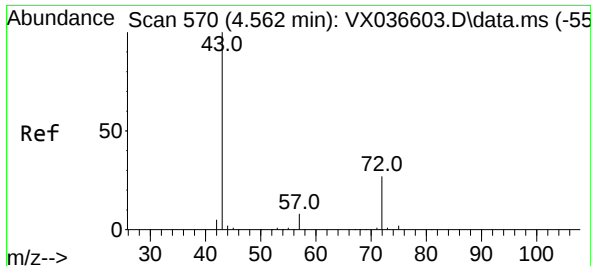


#24
 1,1-Dichloroethane
 Concen: 18.610 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036711.D
 Acq: 31 Jul 2023 11:33



Tgt Ion: 63 Resp: 71444
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 94.377 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tgt Ion: 43 Resp: 15376

Ion Ratio Lower Upper

43 100

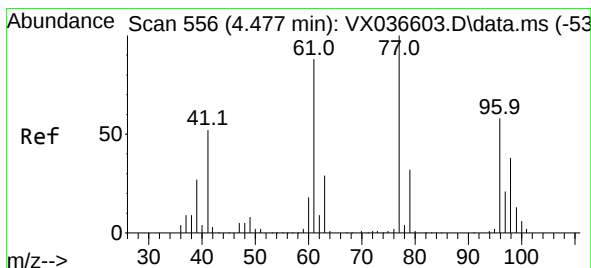
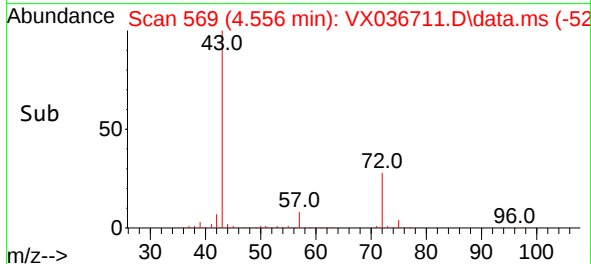
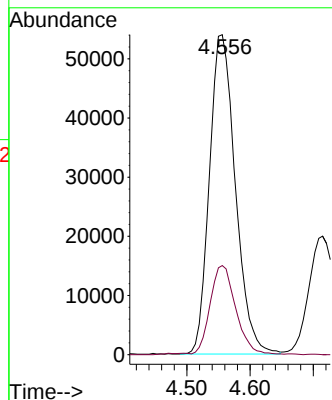
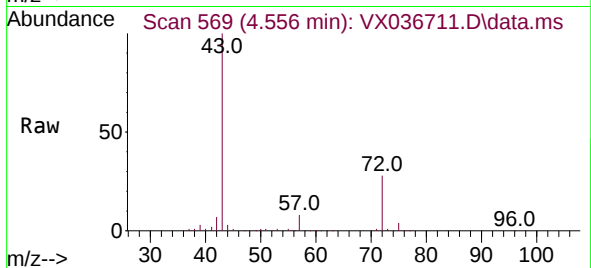
72 27.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#26

2,2-Dichloropropane

Concen: 18.380 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX036711.D

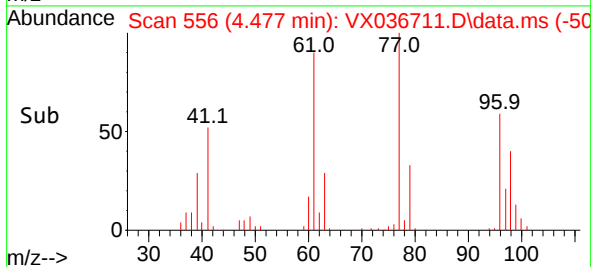
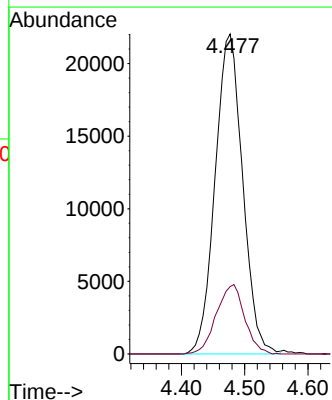
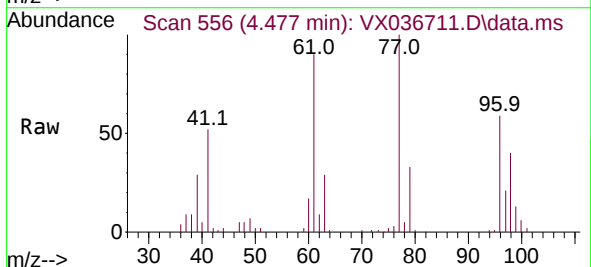
Acq: 31 Jul 2023 11:33

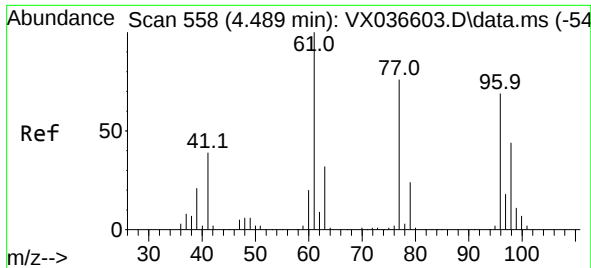
Tgt Ion: 77 Resp: 66489

Ion Ratio Lower Upper

77 100

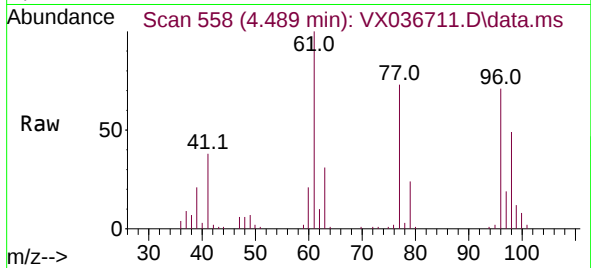
97 22.3 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 18.470 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX036711.D
 Acq: 31 Jul 2023 11:33

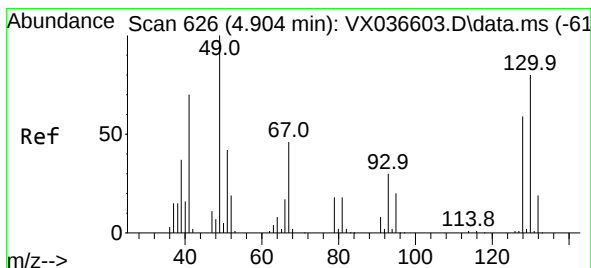
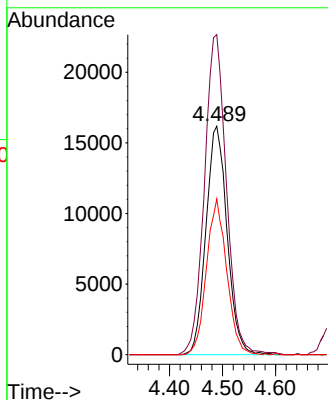
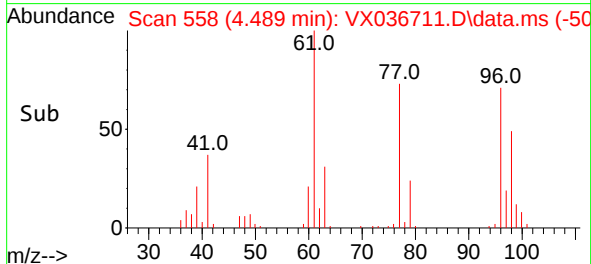
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01



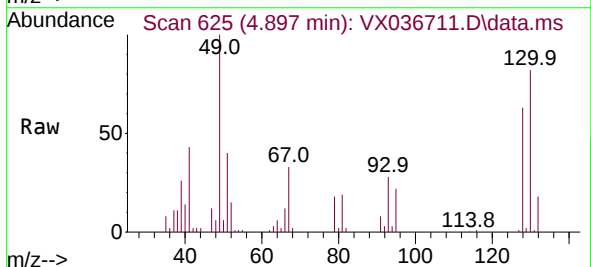
Tgt Ion: 96 Resp: 4490
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 312.2
 98 65.1 0.0 129.0

Manual Integrations
 APPROVED

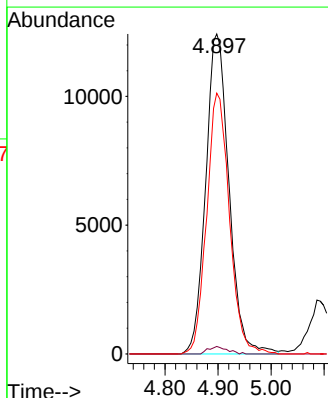
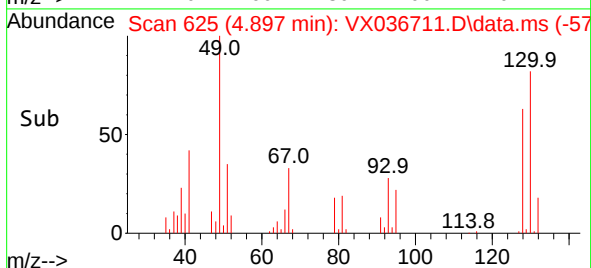
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

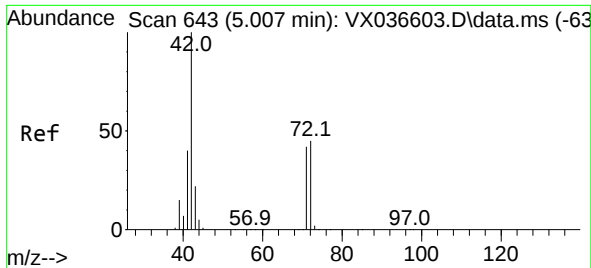


#28
 Bromochloromethane
 Concen: 20.385 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX036711.D
 Acq: 31 Jul 2023 11:33



Tgt Ion: 49 Resp: 37848
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 79.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 93.666 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

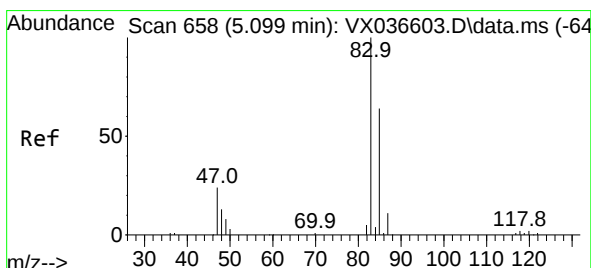
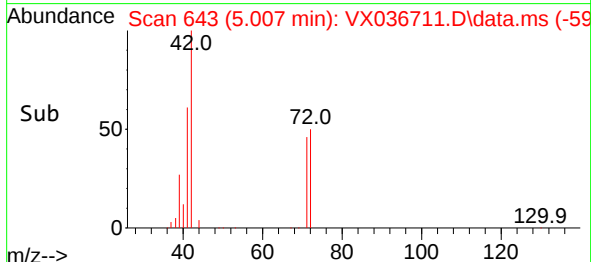
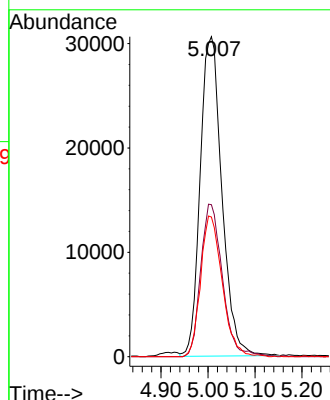
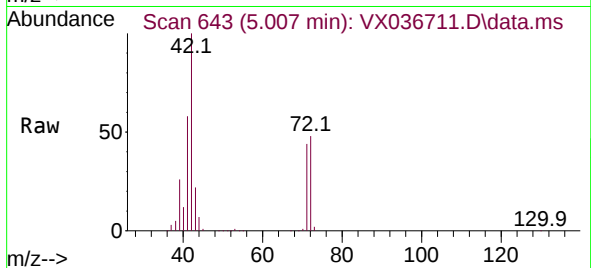
Tgt Ion:	42	Resp:	9838
Ion Ratio	Lower	Upper	
42	100		
72	47.5	34.2	51.4
71	43.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 19.246 ug/l

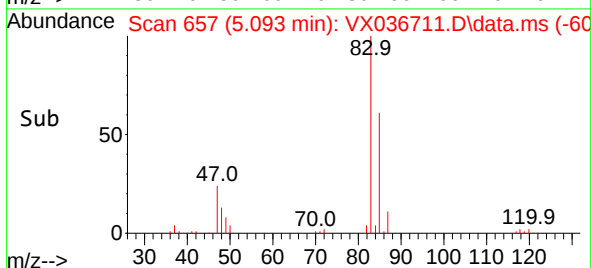
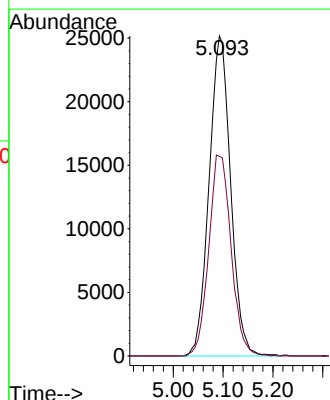
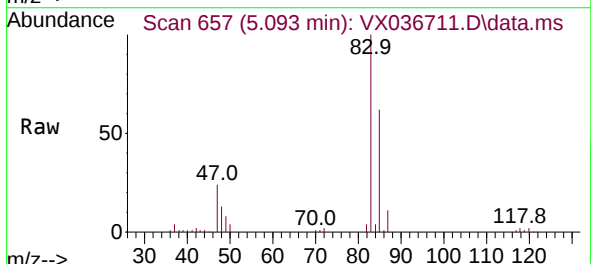
RT: 5.093 min Scan# 657

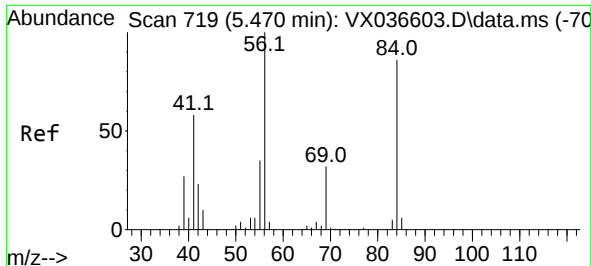
Delta R.T. -0.006 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Tgt Ion:	83	Resp:	75592
Ion Ratio	Lower	Upper	
83	100		
85	62.4	50.3	75.5





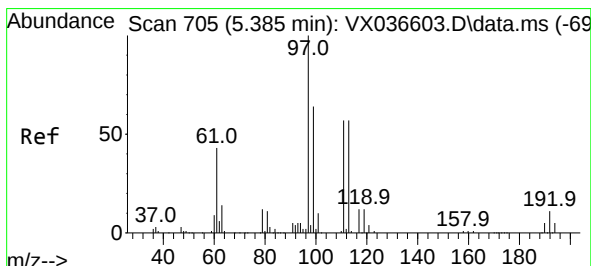
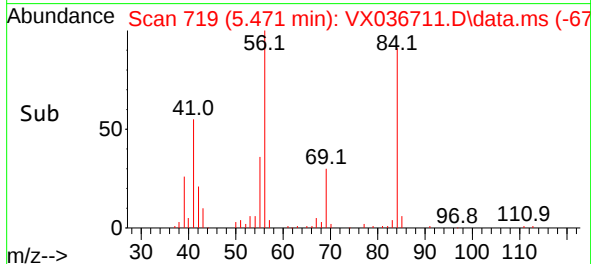
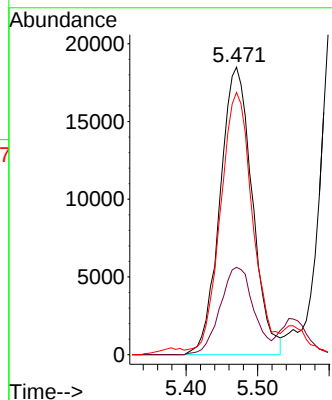
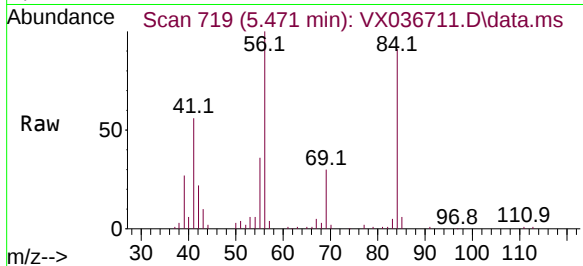
#31
Cyclohexane
Concen: 17.300 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 56 Resp: 5796
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 89.0 65.9 98.9

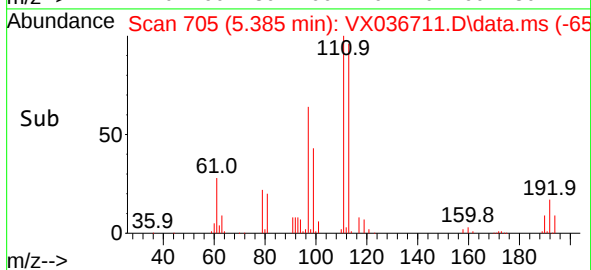
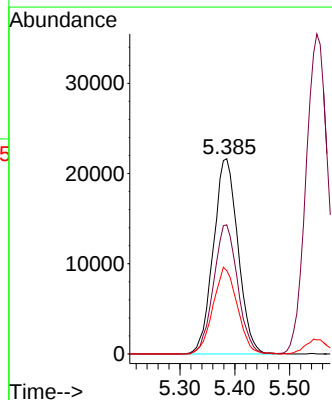
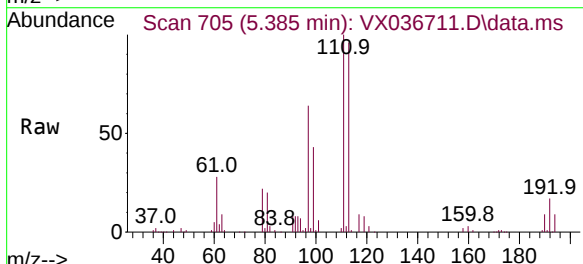
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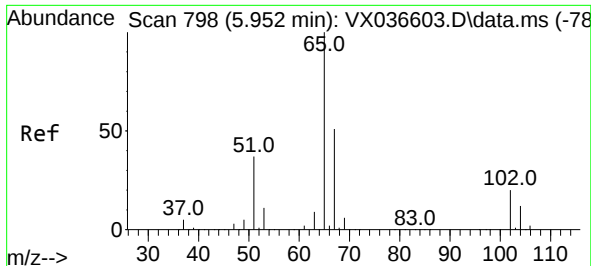
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#32
1,1,1-Trichloroethane
Concen: 18.779 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 97 Resp: 67584
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 43.7 36.4 54.6





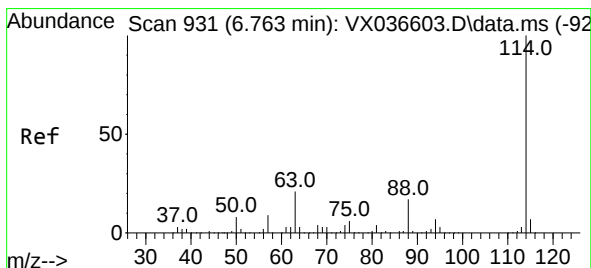
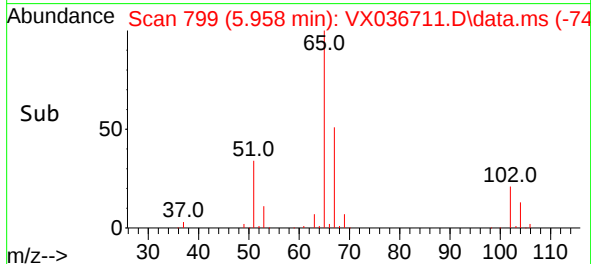
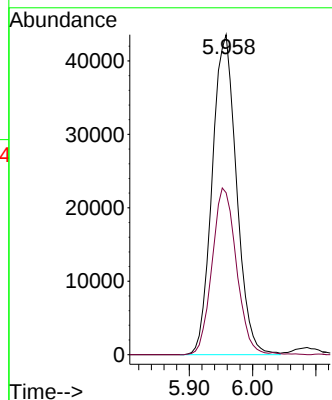
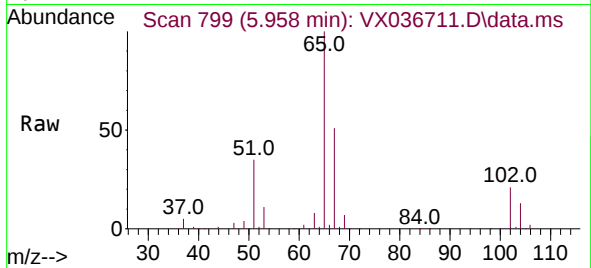
#33
1,2-Dichloroethane-d4
Concen: 47.998 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 65 Resp: 116150
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

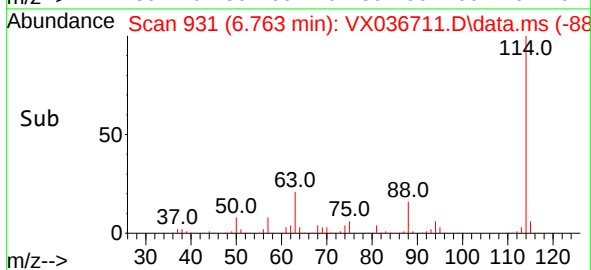
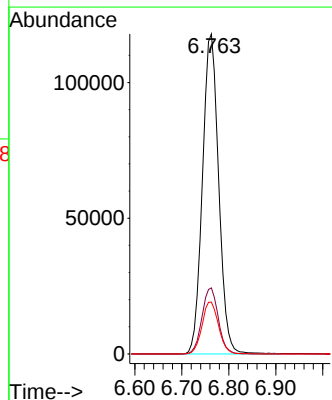
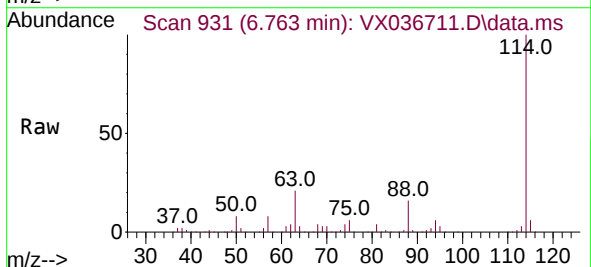
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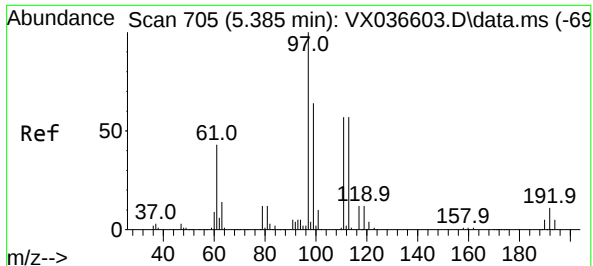
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion:114 Resp: 282464
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.357 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

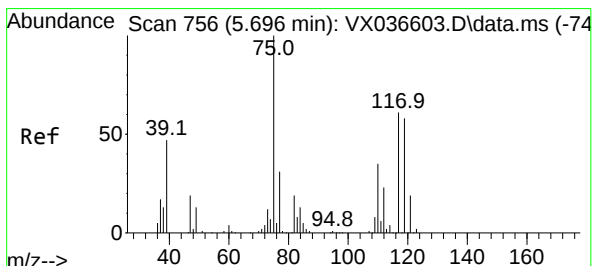
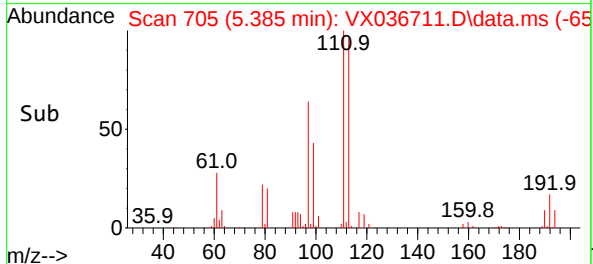
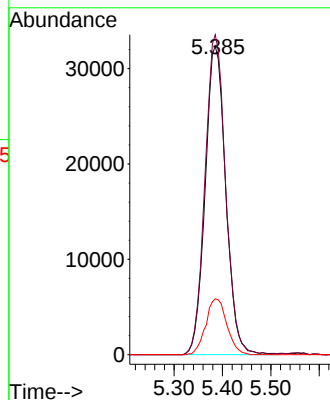
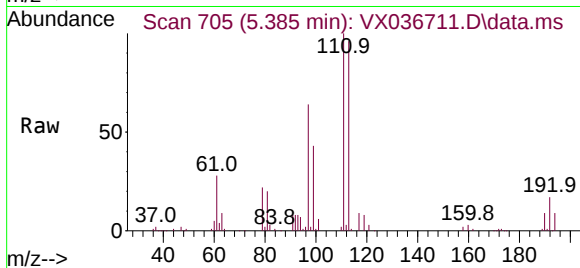
Tgt Ion:	113	Resp:	9582
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carbone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#36

1,1-Dichloropropene

Concen: 18.399 ug/l

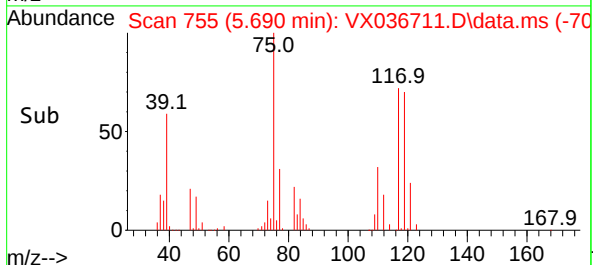
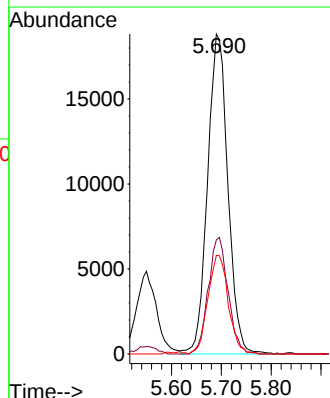
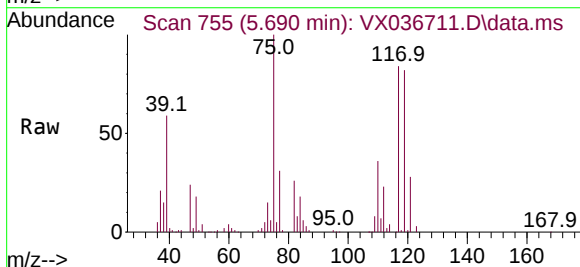
RT: 5.690 min Scan# 755

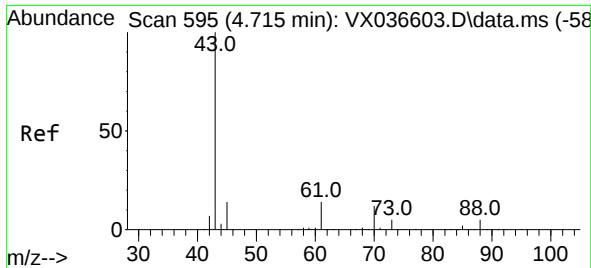
Delta R.T. -0.006 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Tgt Ion:	75	Resp:	53244
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.0	50.9
77	30.9	24.7	37.1





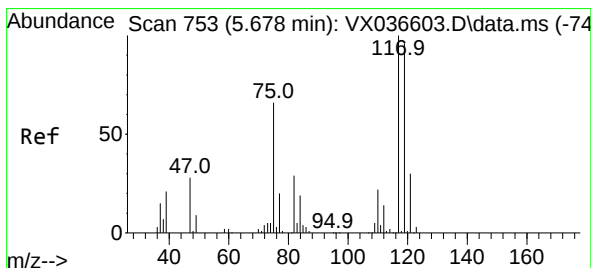
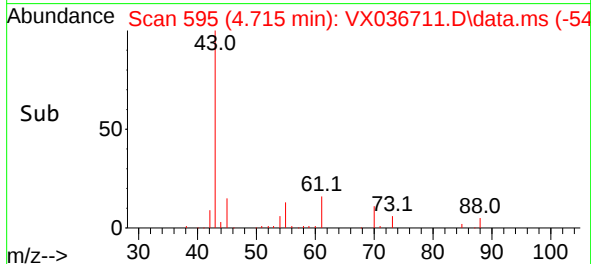
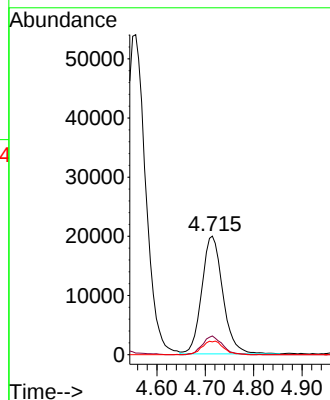
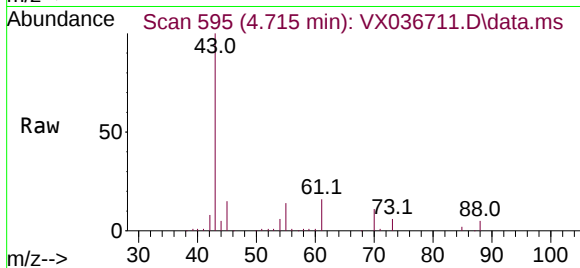
#37
Ethyl Acetate
Concen: 18.400 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 43 Resp: 60260
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 11.6 8.3 12.5

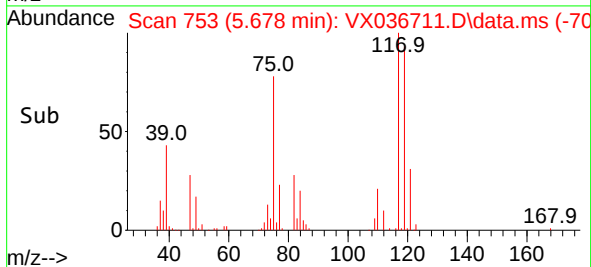
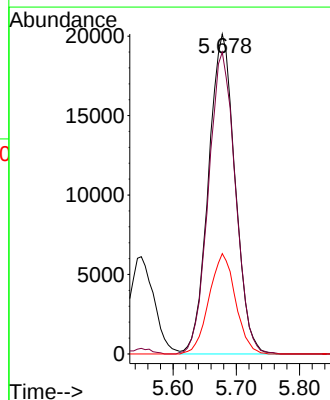
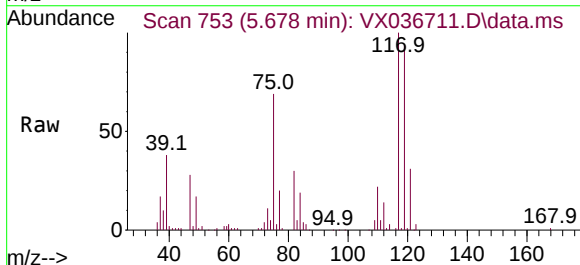
Manual Integrations
APPROVED

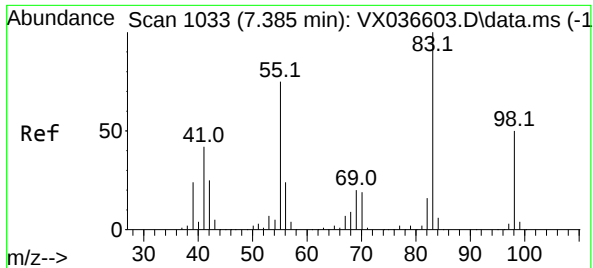
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#38
Carbon Tetrachloride
Concen: 19.099 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion:117 Resp: 58757
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.2
121 31.3 24.4 36.6





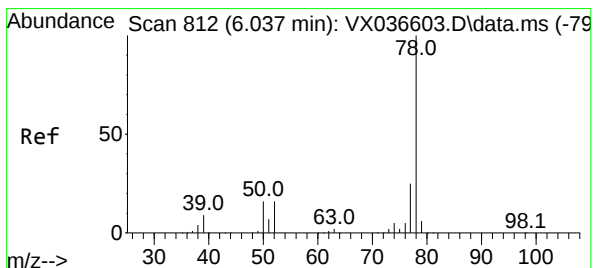
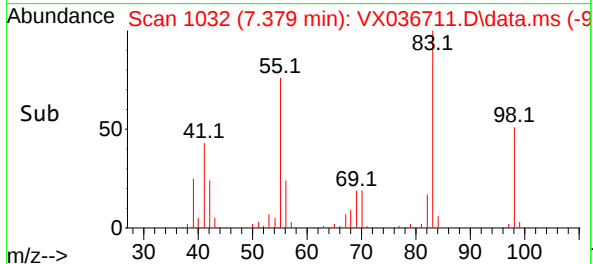
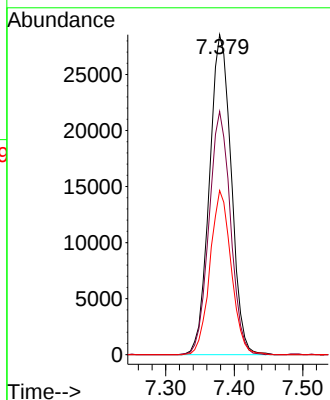
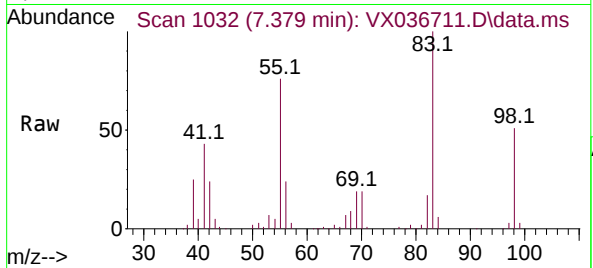
#39
Methylcyclohexane
Concen: 17.555 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 83 Resp: 63170
Ion Ratio Lower Upper
83 100
55 76.0 64.6 97.0
98 51.3 36.7 55.1

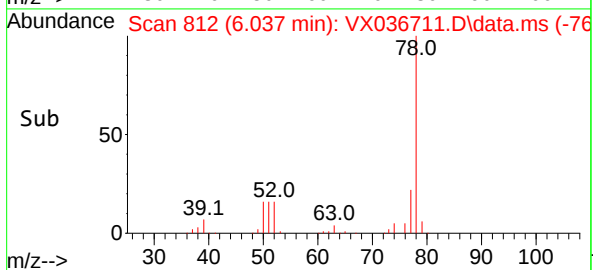
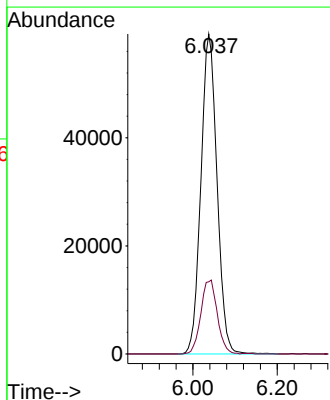
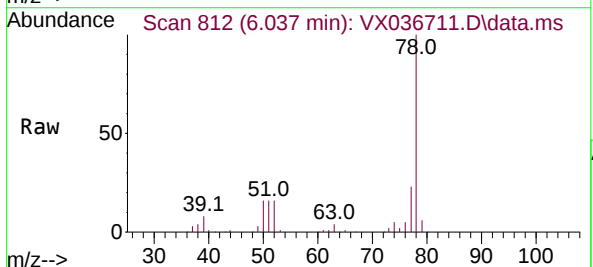
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#40
Benzene
Concen: 18.695 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

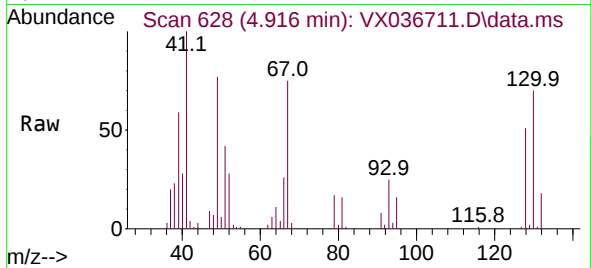
Tgt Ion: 78 Resp: 157400
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9





#41
Methacrylonitrile
Concen: 17.930 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

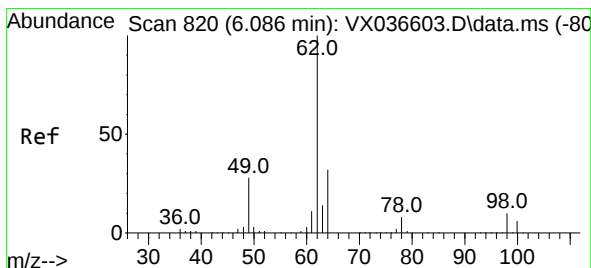
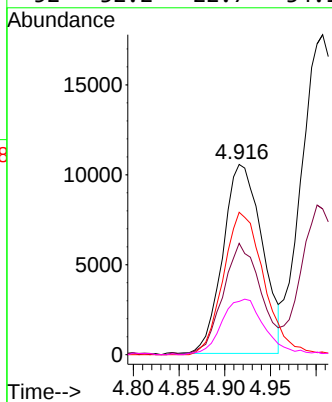
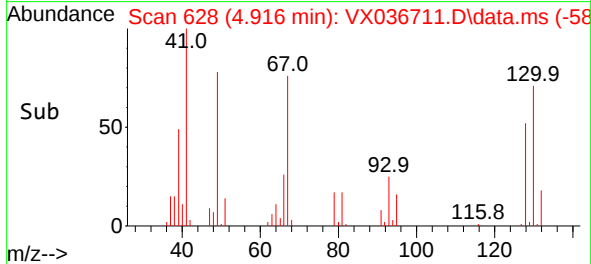
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



Tgt Ion: 41 Resp: 31410
Ion Ratio Lower Upper
41 100
39 57.4 45.2 67.8
67 78.2 52.6 78.8
52 32.2 22.7 34.1

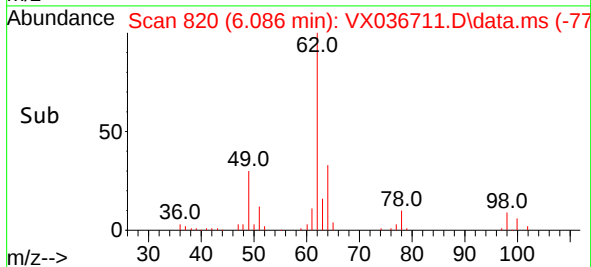
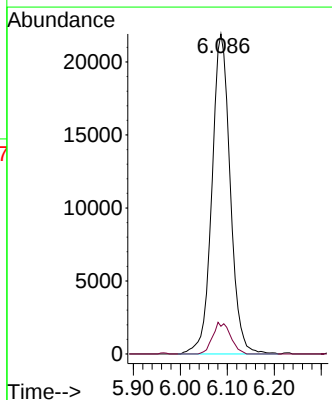
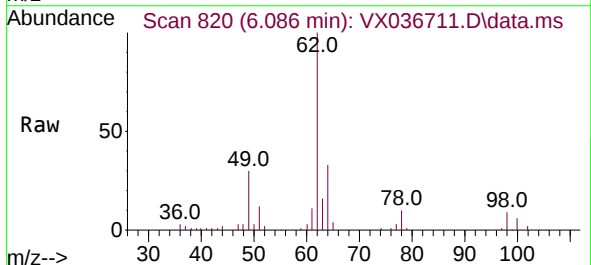
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
1,2-Dichloroethane
Concen: 19.274 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

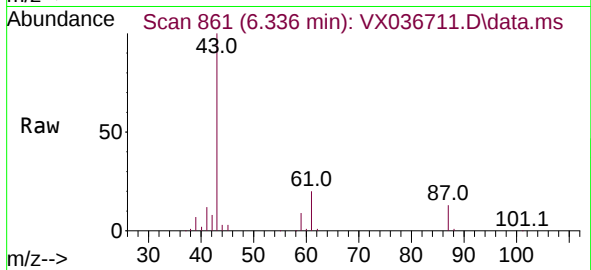
Tgt Ion: 62 Resp: 59331
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 18.215 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

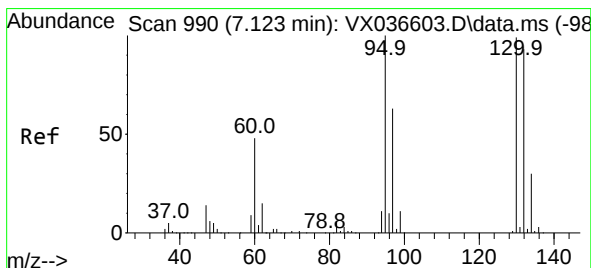
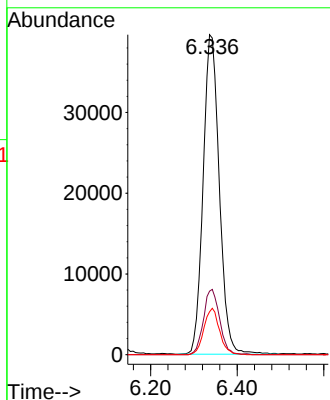
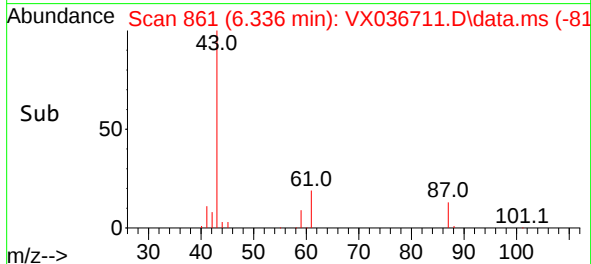
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



Tgt Ion: 43 Resp: 102698
Ion Ratio Lower Upper
43 100
61 20.3 15.2 22.8
87 14.0 9.8 14.6

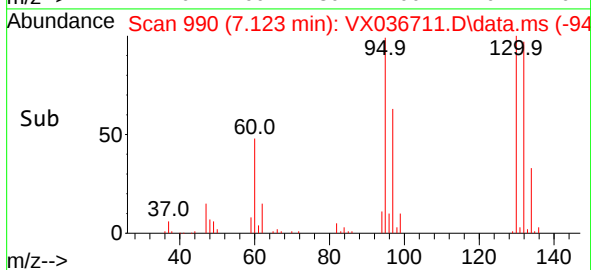
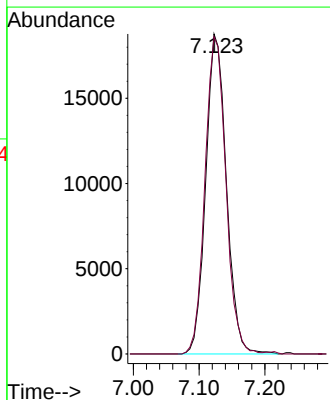
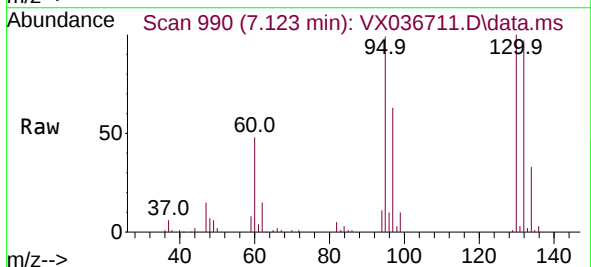
Manual Integrations
APPROVED

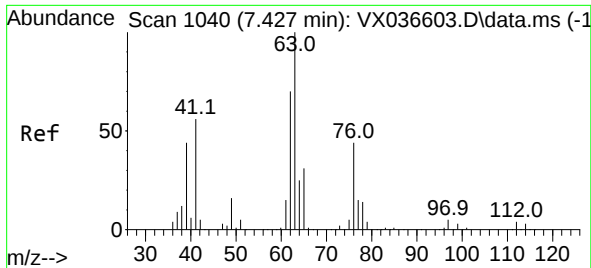
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#44
Trichloroethene
Concen: 18.623 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

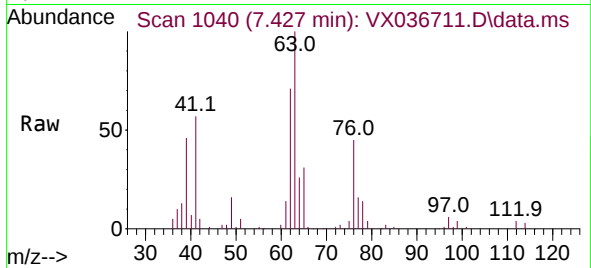
Tgt Ion:130 Resp: 40985
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.4





#45
1,2-Dichloropropane
Concen: 18.508 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

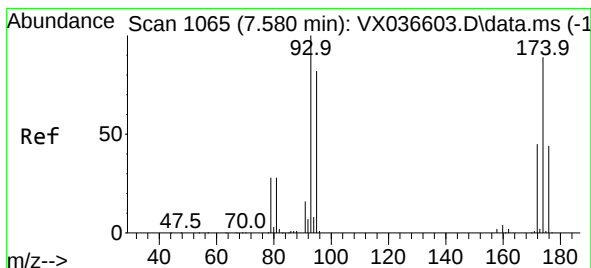
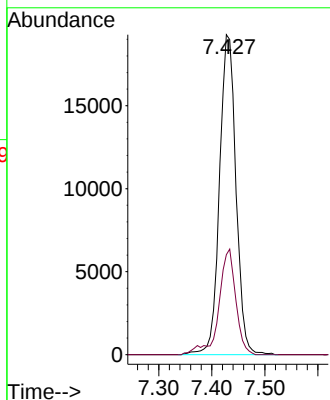
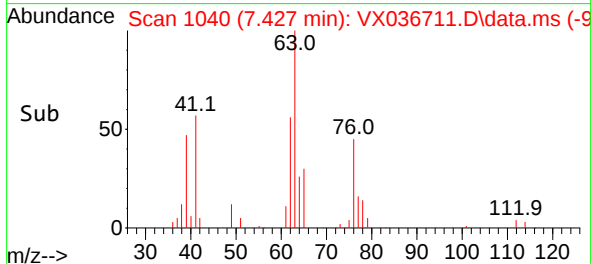
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



Tgt Ion: 63 Resp: 41604
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5

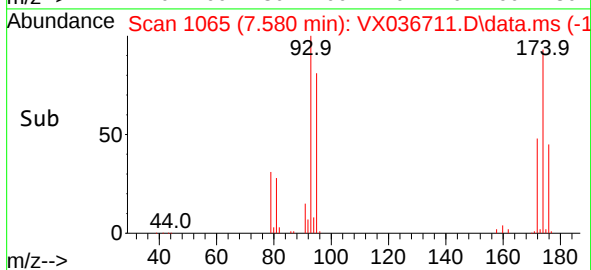
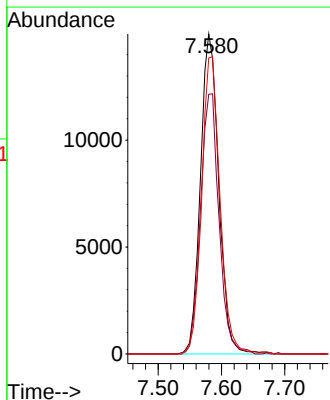
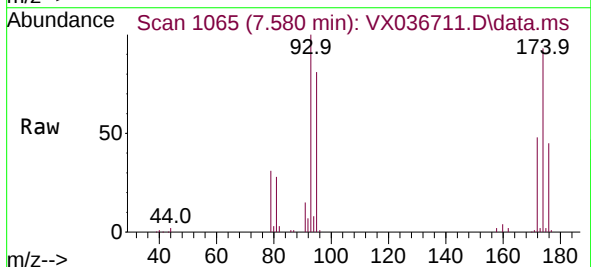
Manual Integrations
APPROVED

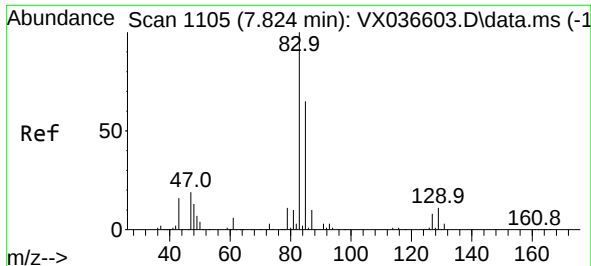
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#46
Dibromomethane
Concen: 19.174 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

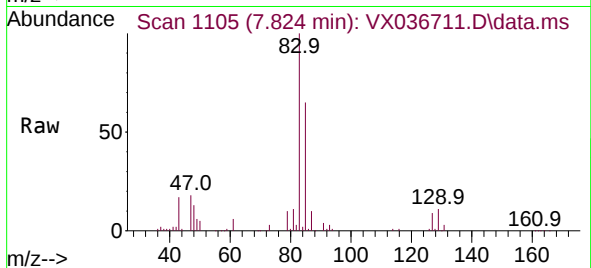
Tgt Ion: 93 Resp: 30165
Ion Ratio Lower Upper
93 100
95 82.1 66.6 100.0
174 93.1 69.4 104.0





#47
Bromodichloromethane
Concen: 18.779 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

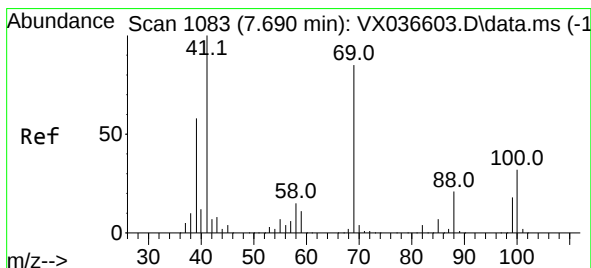
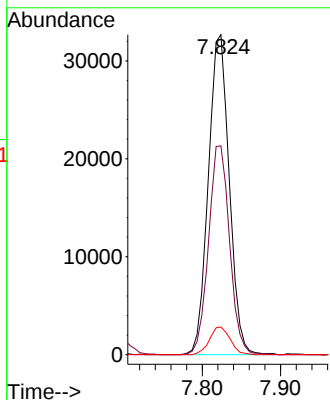
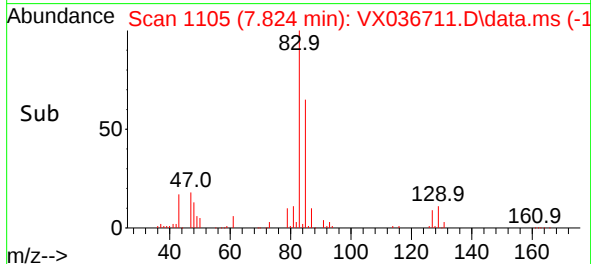
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



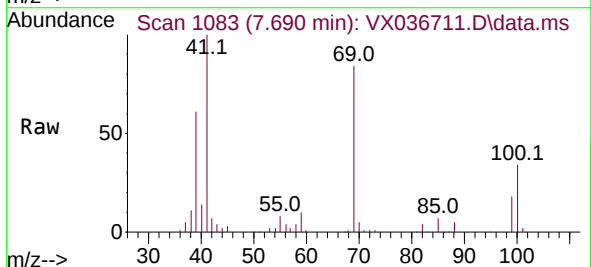
Tgt Ion: 83 Resp: 6064
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.7 7.1 10.7

Manual Integrations
APPROVED

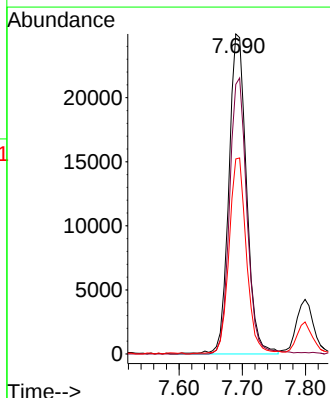
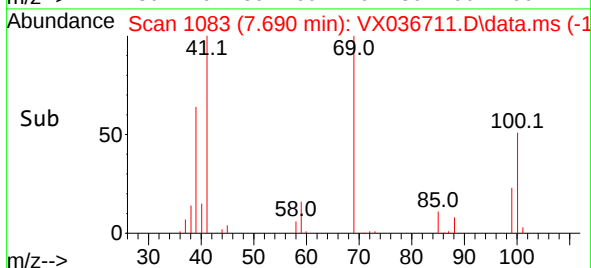
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

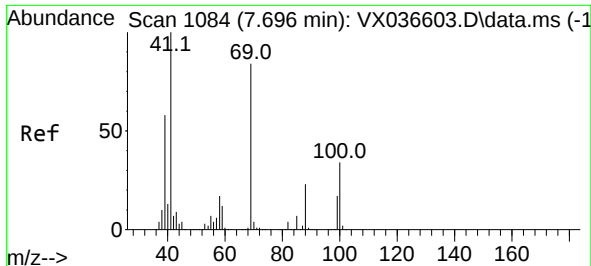


#48
Methyl methacrylate
Concen: 18.478 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



Tgt Ion: 41 Resp: 48449
Ion Ratio Lower Upper
41 100
69 85.2 59.2 88.8
39 60.3 47.7 71.5





#49

1,4-Dioxane

Concen: 394.211 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tgt Ion: 88 Resp: 2088

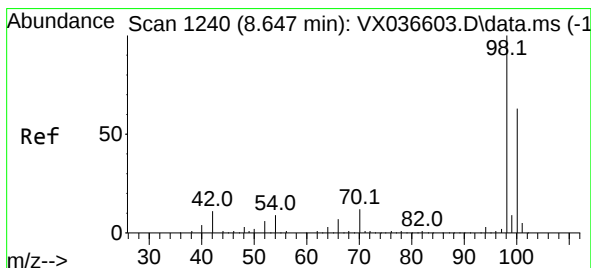
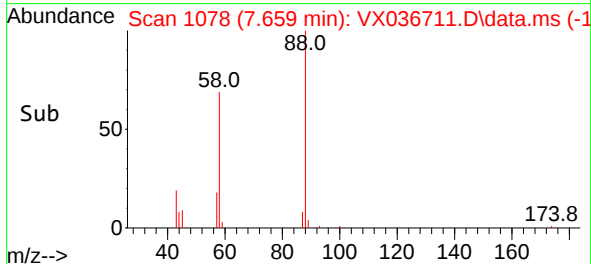
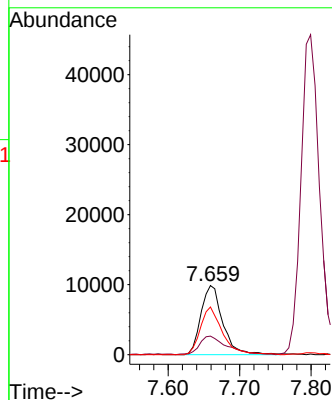
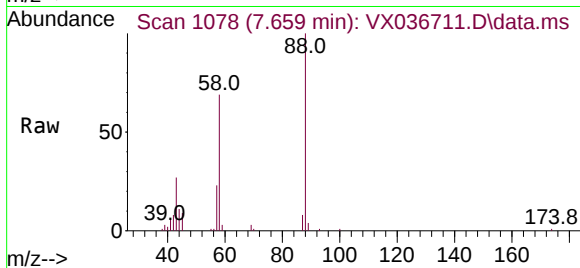
Ion	Ratio	Lower	Upper
88	100		
43	33.9	0.0	0.0
58	69.2	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#50

Toluene-d8

Concen: 48.342 ug/l

RT: 8.647 min Scan# 1240

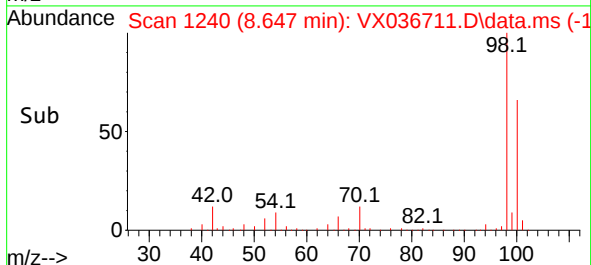
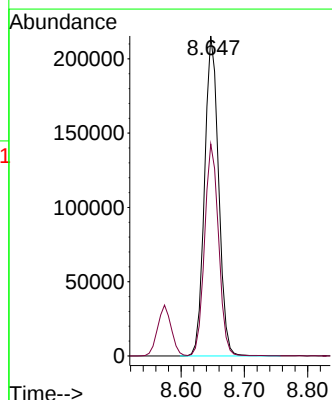
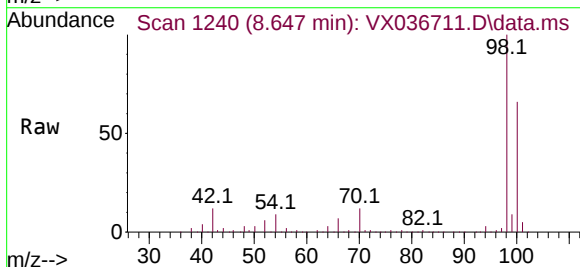
Delta R.T. 0.000 min

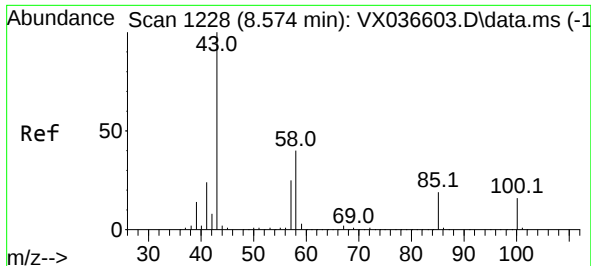
Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Tgt Ion: 98 Resp: 332832

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





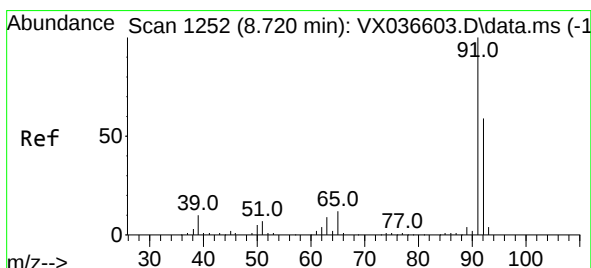
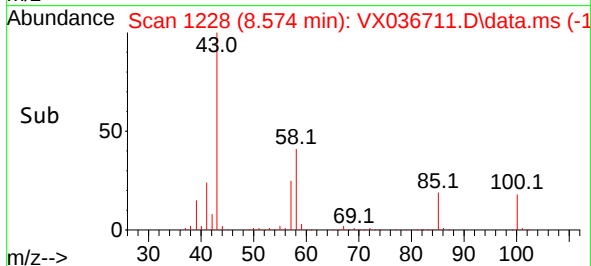
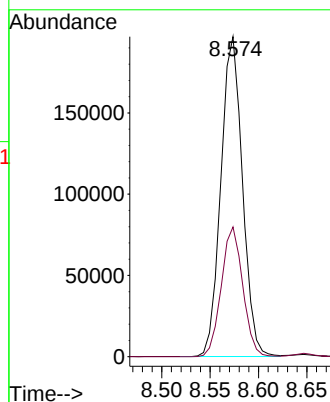
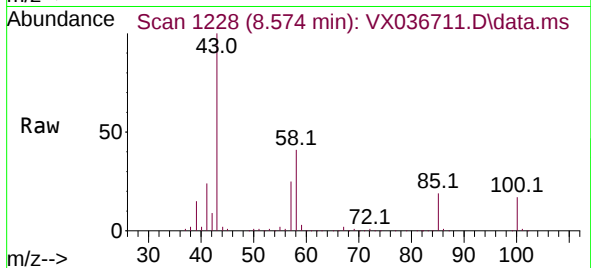
#51
4-Methyl-2-Pentanone
Concen: 97.729 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 43 Resp: 30492
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6

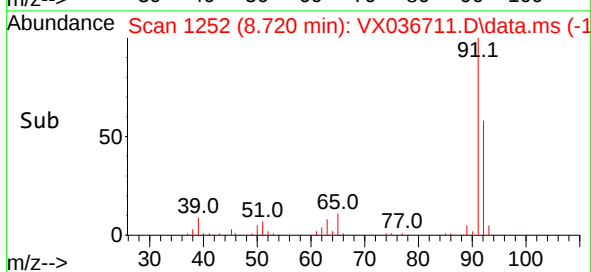
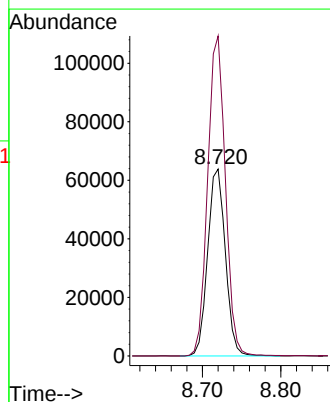
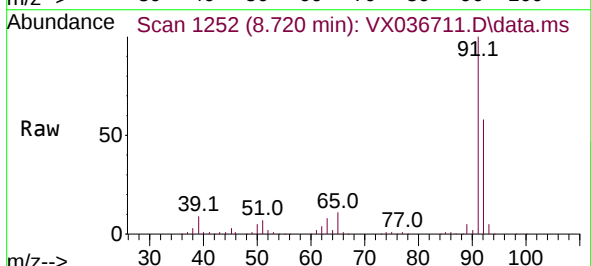
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Toluene
Concen: 18.977 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 92 Resp: 100115
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.518 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tgt Ion: 75 Resp: 6758

Ion Ratio Lower Upper

75 100

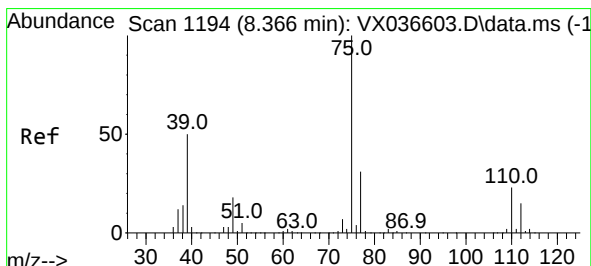
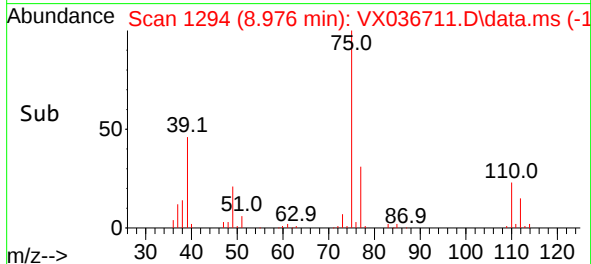
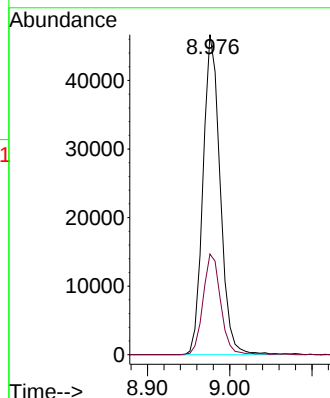
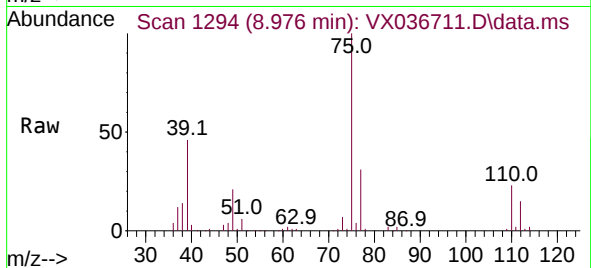
77 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#54

cis-1,3-Dichloropropene

Concen: 18.403 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

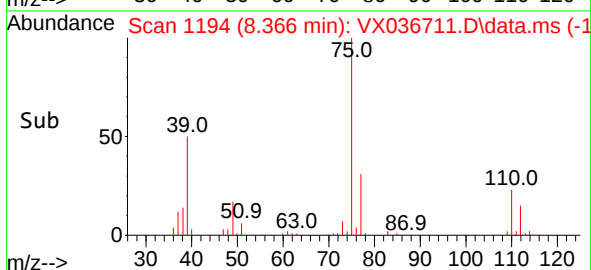
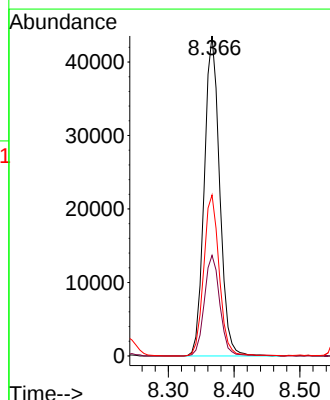
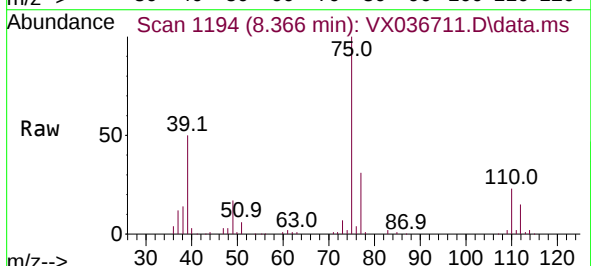
Tgt Ion: 75 Resp: 70877

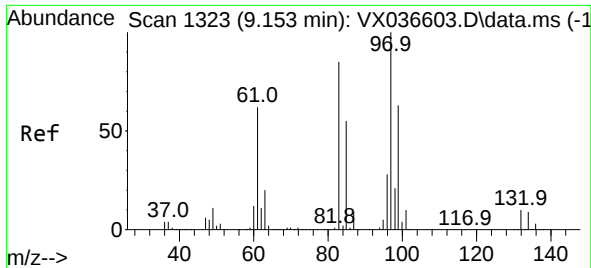
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 50.3 46.7 70.1





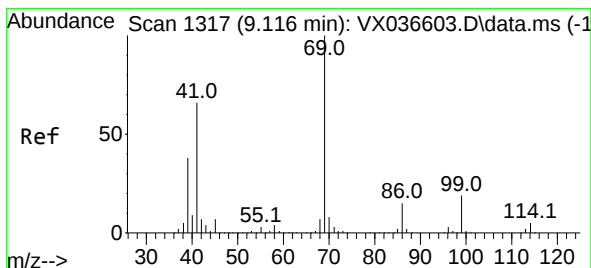
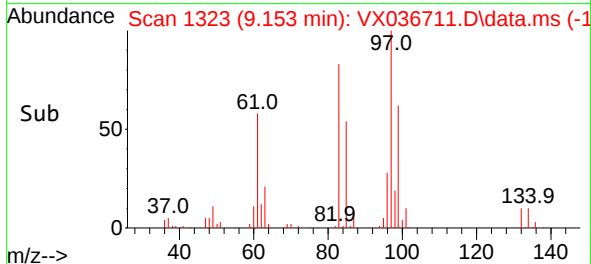
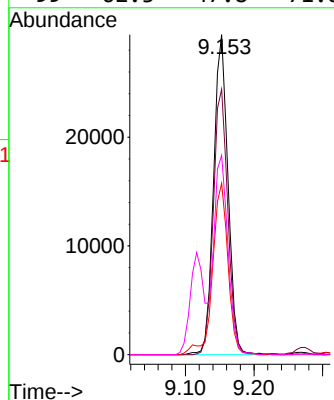
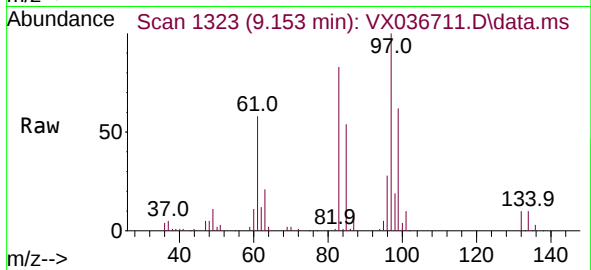
#55
1,1,2-Trichloroethane
Concen: 19.380 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.8	98.8
85	53.6	41.6	62.4
99	62.3	47.8	71.8

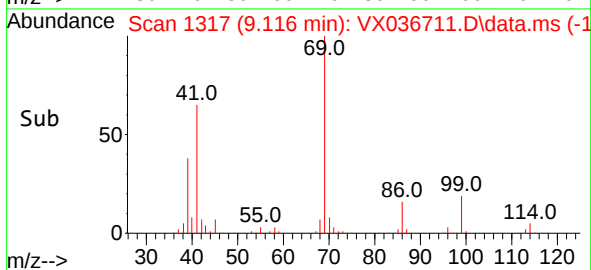
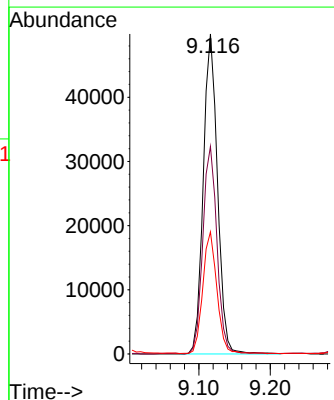
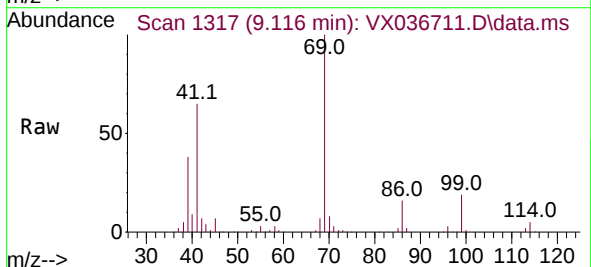
Manual Integrations
APPROVED

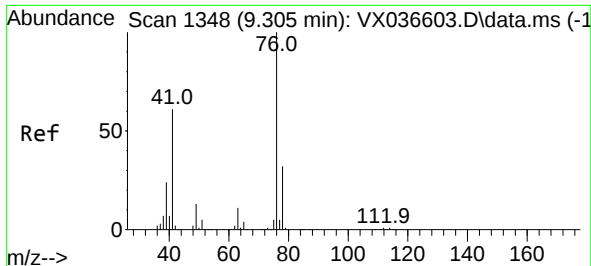
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#56
Ethyl methacrylate
Concen: 19.080 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.7	56.8	85.2
39	38.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.596 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tgt Ion: 76 Resp: 72378

Ion Ratio Lower Upper

76 100

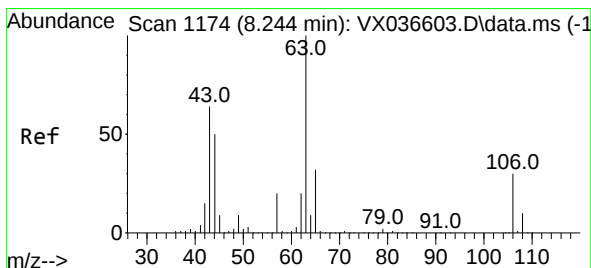
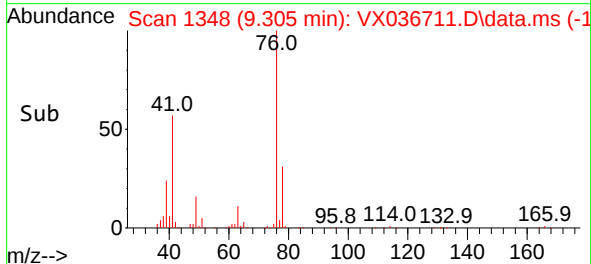
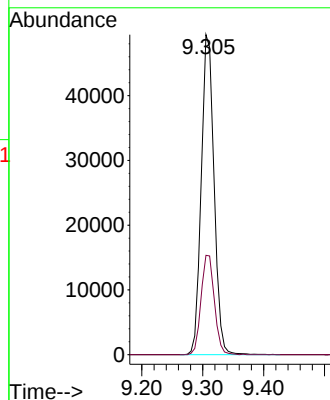
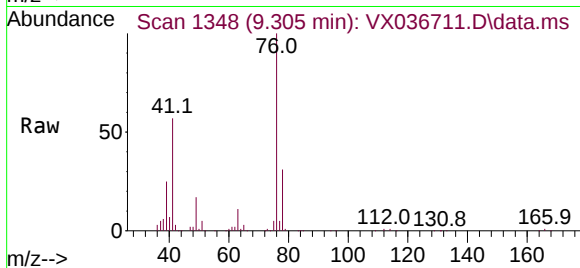
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 95.475 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036711.D

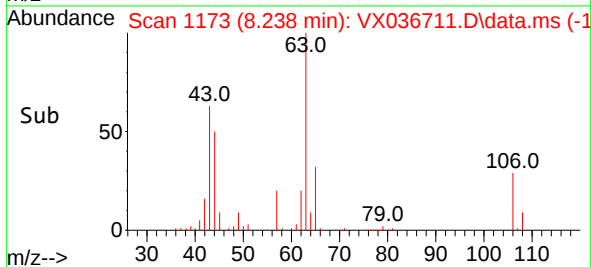
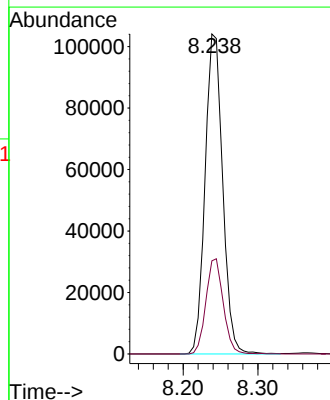
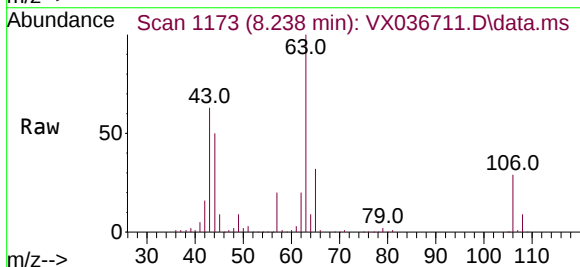
Acq: 31 Jul 2023 11:33

Tgt Ion: 63 Resp: 169875

Ion Ratio Lower Upper

63 100

106 29.3 22.5 33.7





#59

2-Hexanone

Concen: 99.809 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tgt Ion: 43 Resp: 231118

Ion Ratio Lower Upper

43 100

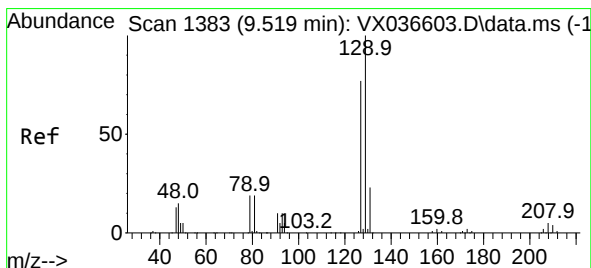
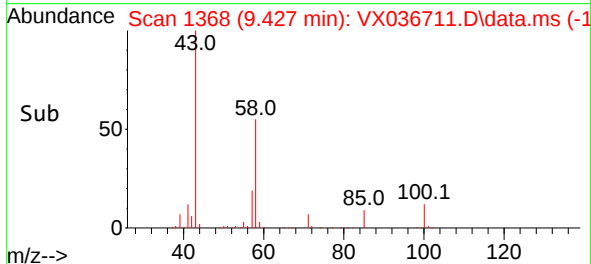
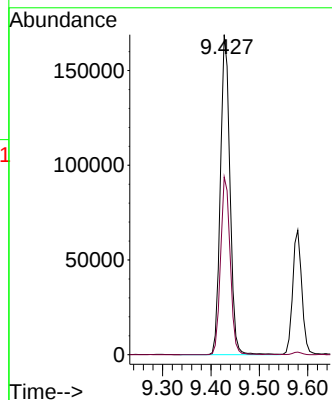
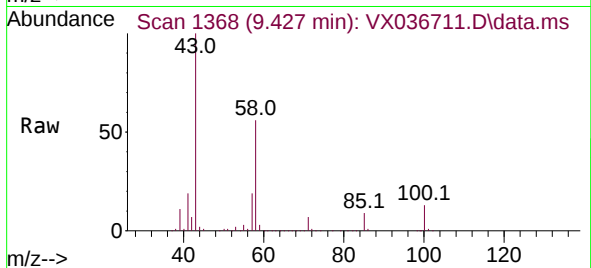
58 55.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#60

Dibromochloromethane

Concen: 19.351 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036711.D

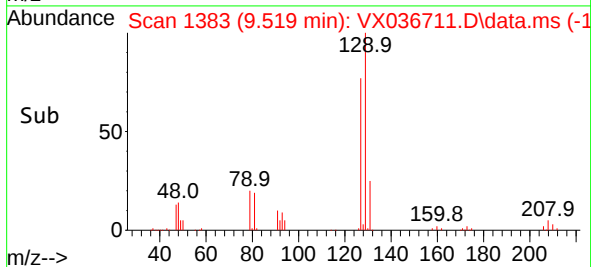
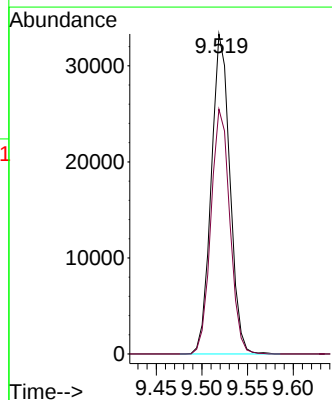
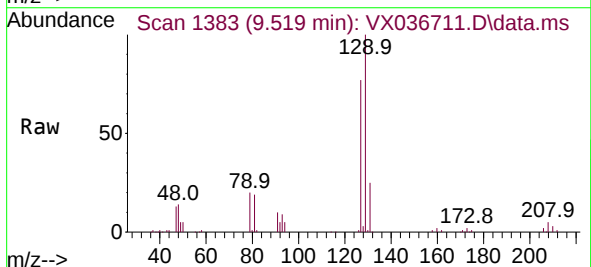
Acq: 31 Jul 2023 11:33

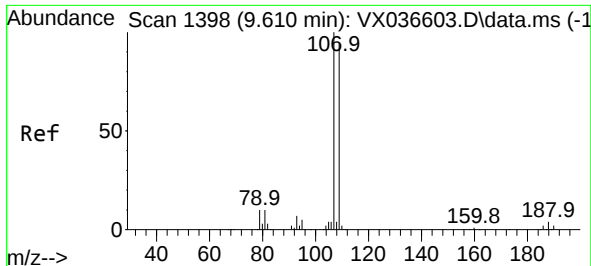
Tgt Ion:129 Resp: 47166

Ion Ratio Lower Upper

129 100

127 77.6 38.8 116.4





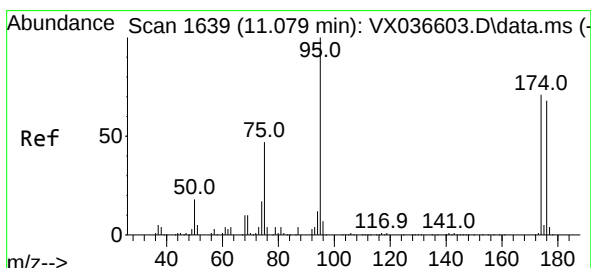
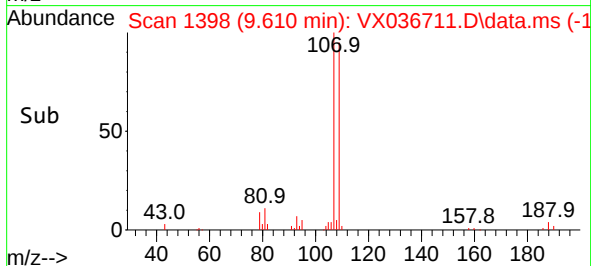
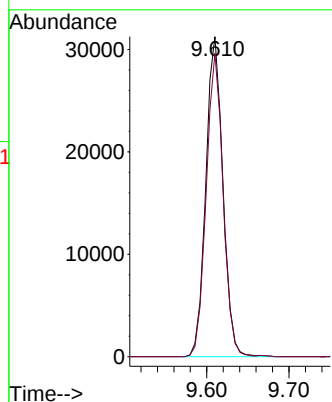
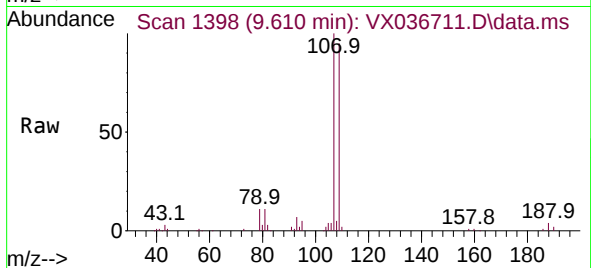
#61
1,2-Dibromoethane
Concen: 19.607 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion:107 Resp: 45063
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

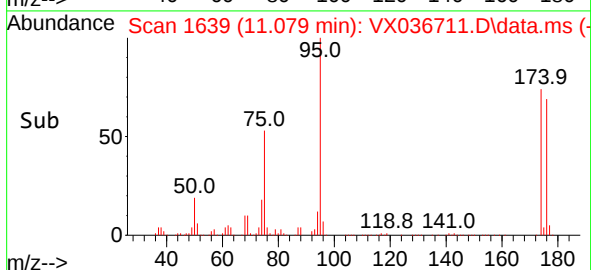
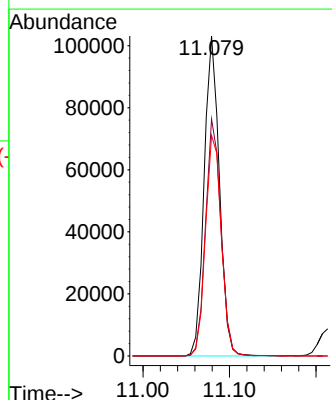
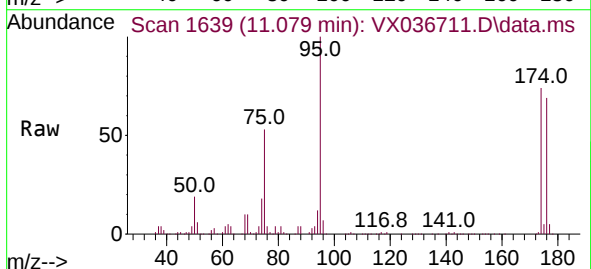
Manual Integrations
APPROVED

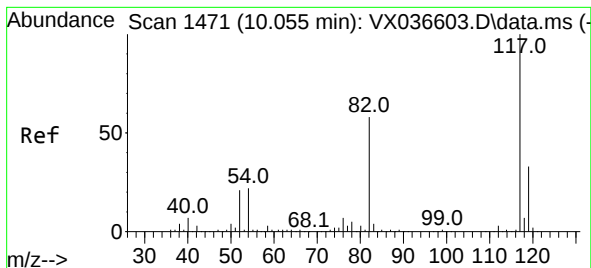
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#62
4-Bromofluorobenzene
Concen: 48.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

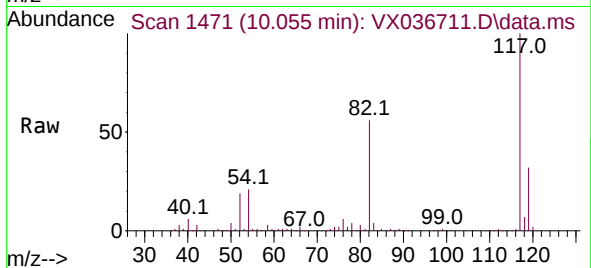
Tgt Ion: 95 Resp: 125711
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 71.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

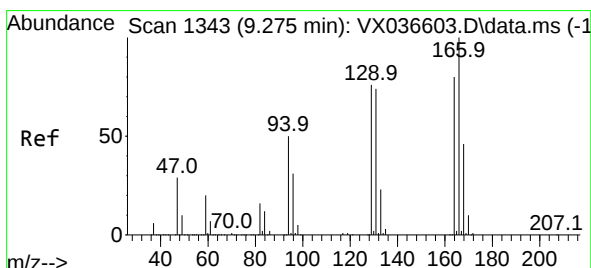
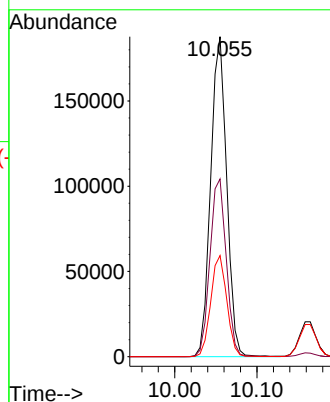
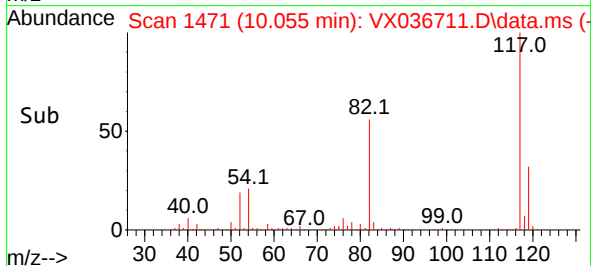
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



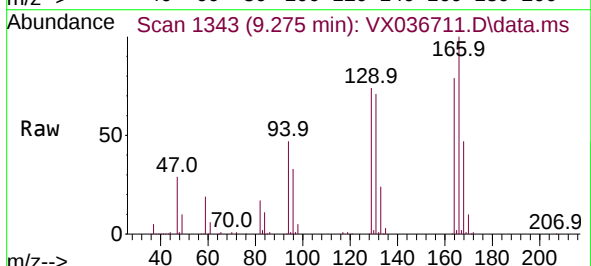
Tgt Ion:117 Resp: 25356
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.6 25.5 38.3

Manual Integrations
APPROVED

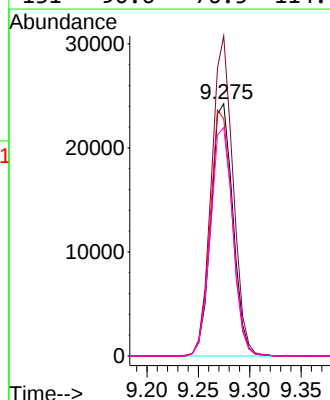
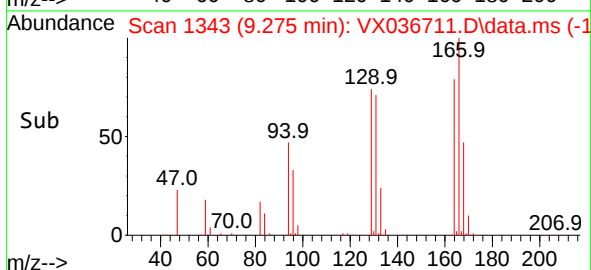
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

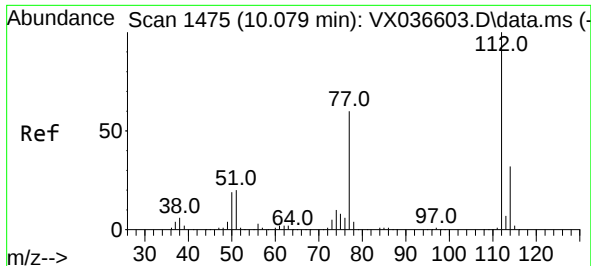


#64
Tetrachloroethene
Concen: 18.951 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



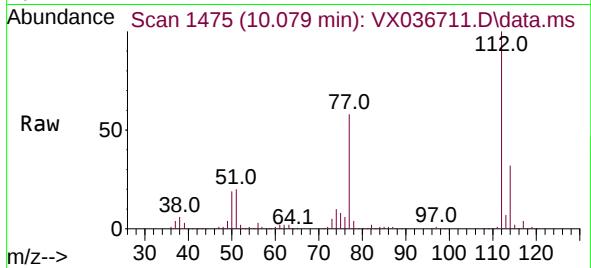
Tgt Ion:164 Resp: 35842
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 94.0 80.4 120.6
131 90.6 76.5 114.7





#65
Chlorobenzene
Concen: 19.190 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

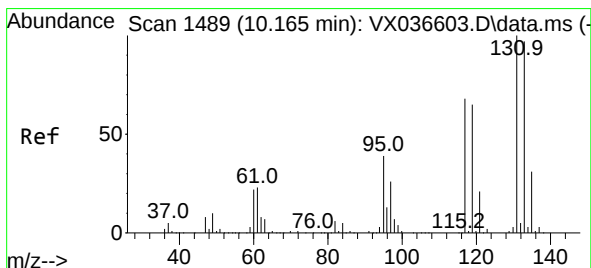
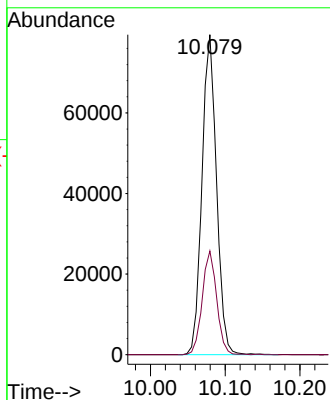
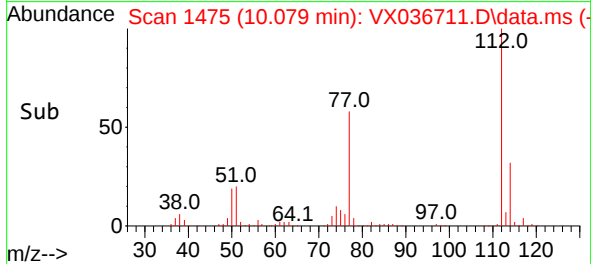
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



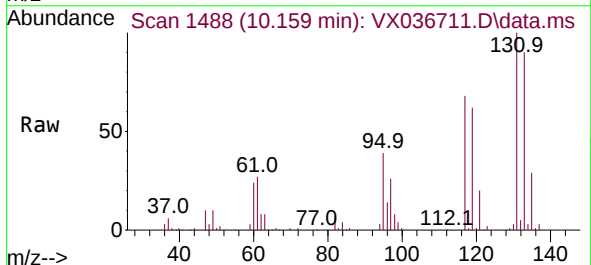
Tgt Ion:112 Resp: 107259
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Manual Integrations
APPROVED

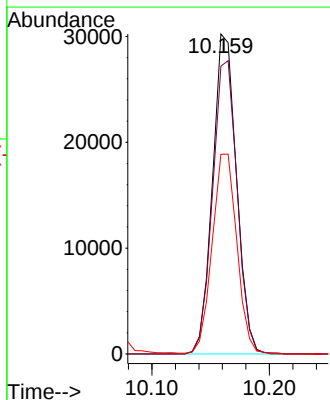
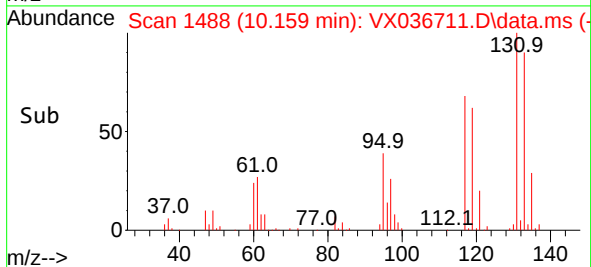
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

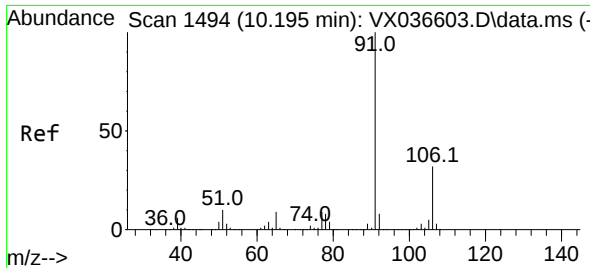


#66
1,1,1,2-Tetrachloroethane
Concen: 19.802 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



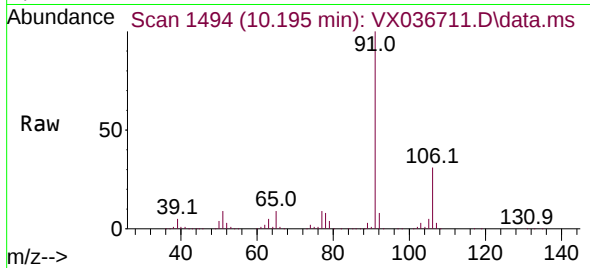
Tgt Ion:131 Resp: 42779
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 19.024 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

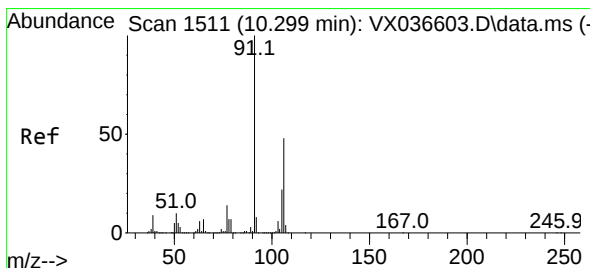
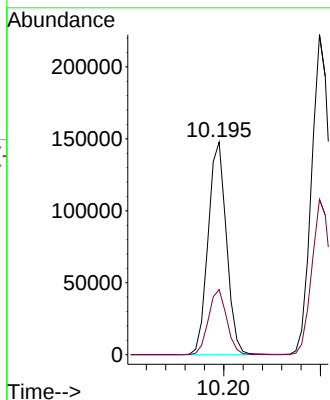
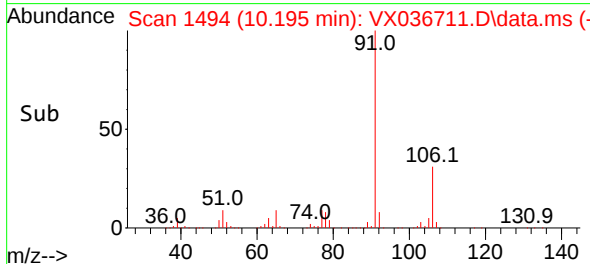
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



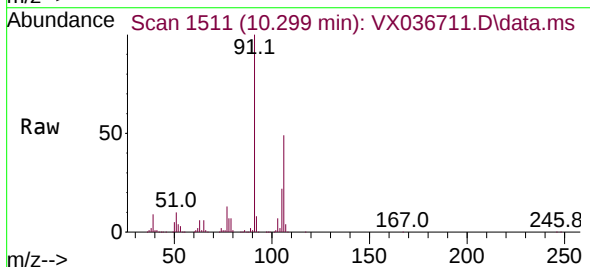
Tgt Ion: 91 Resp: 19425
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
APPROVED

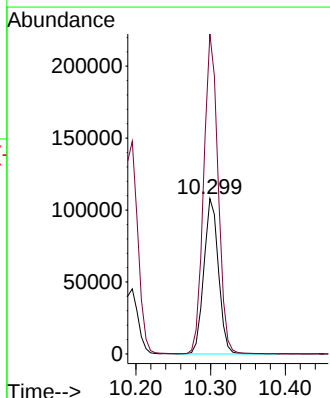
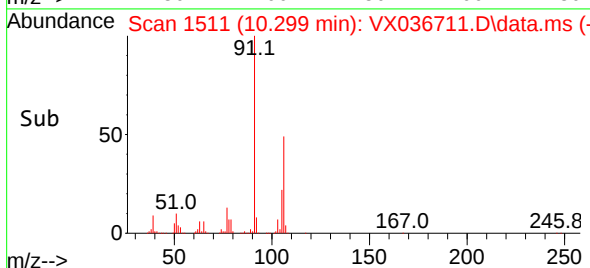
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

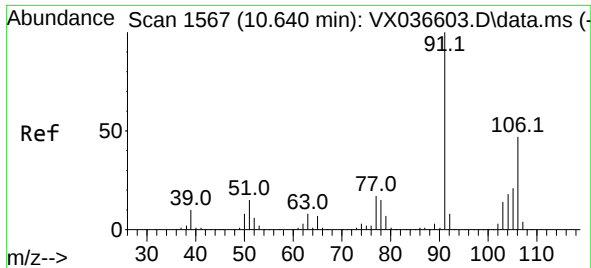


#68
m/p-Xylenes
Concen: 38.374 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



Tgt Ion:106 Resp: 146195
Ion Ratio Lower Upper
106 100
91 203.5 165.5 248.3





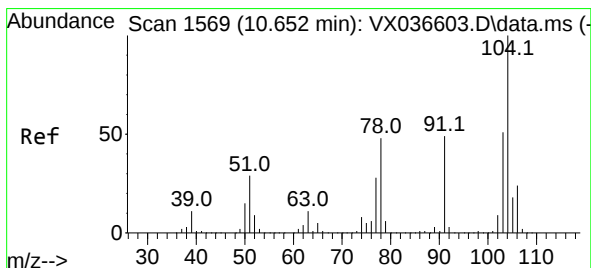
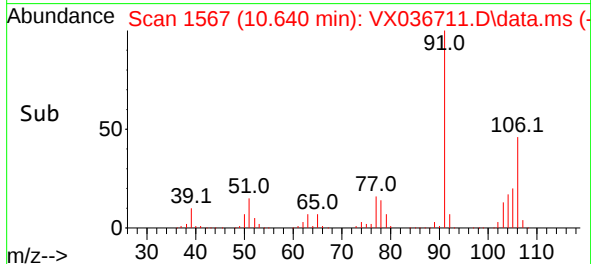
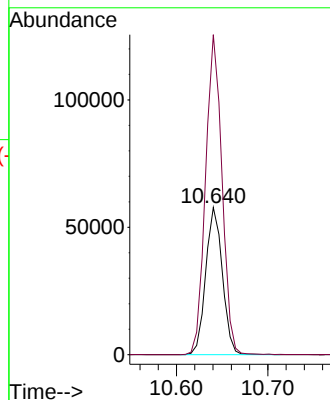
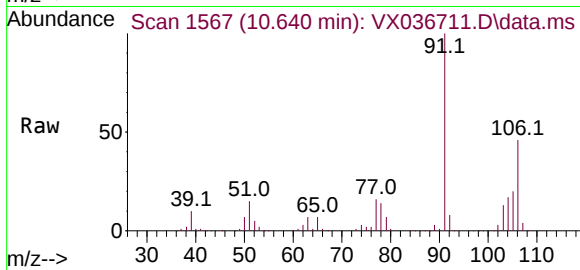
#69
o-Xylene
Concen: 19.174 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion:106 Resp: 72914
Ion Ratio Lower Upper
106 100
91 215.1 108.9 326.8

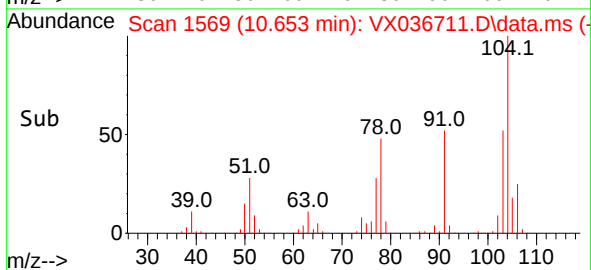
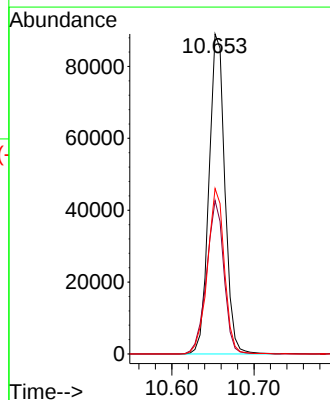
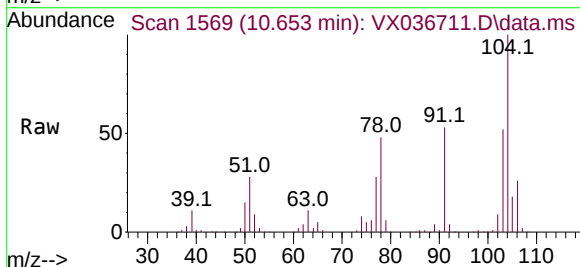
Manual Integrations
APPROVED

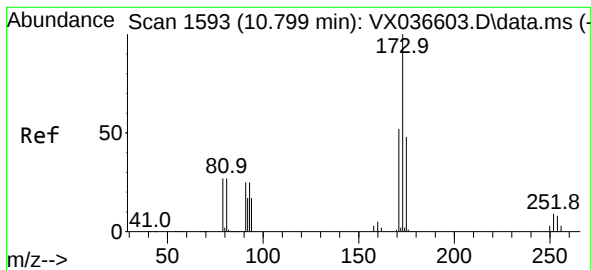
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
Styrene
Concen: 19.083 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion:104 Resp: 119730
Ion Ratio Lower Upper
104 100
78 52.1 43.6 65.4
103 55.0 43.6 65.4





#71

Bromoform

Concen: 19.532 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

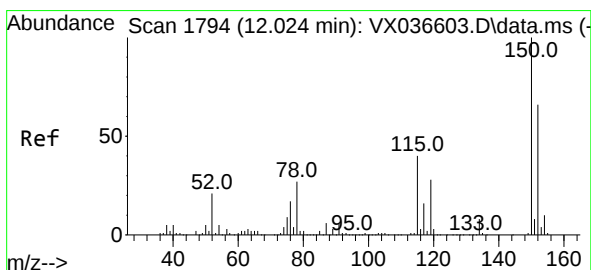
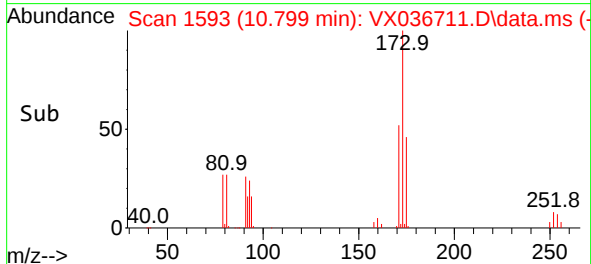
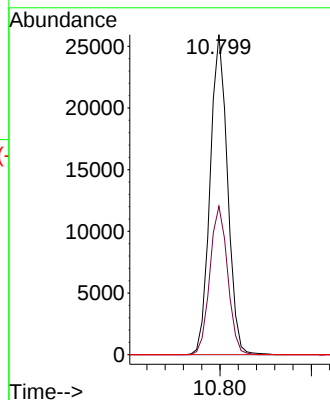
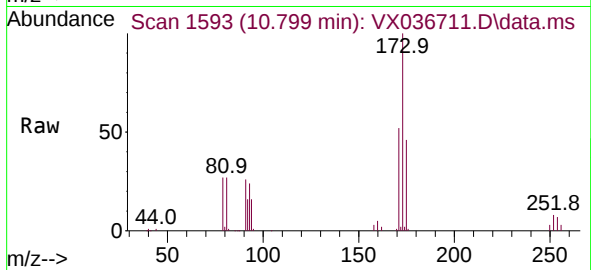
Tgt Ion:	173	Resp:	3415
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

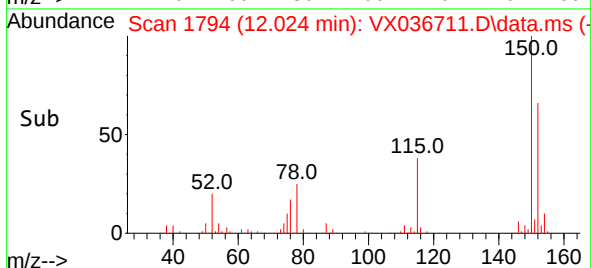
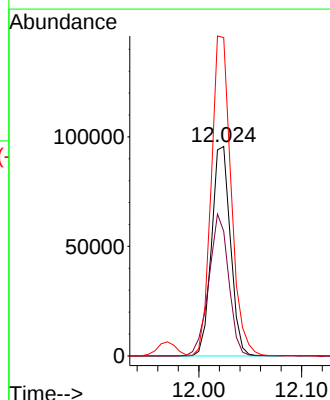
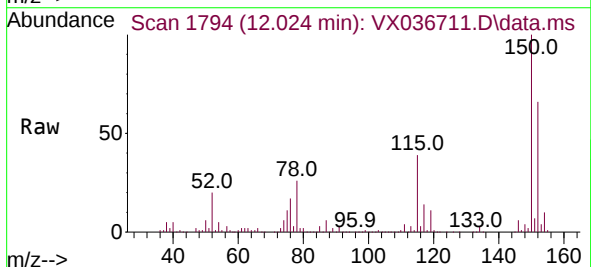
RT: 12.024 min Scan# 1794

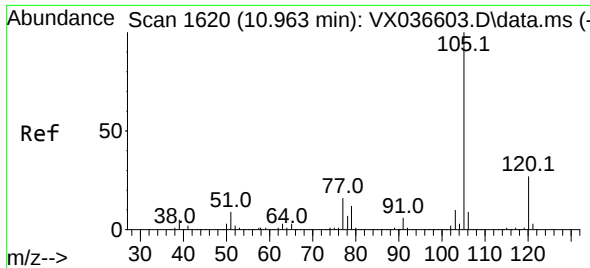
Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

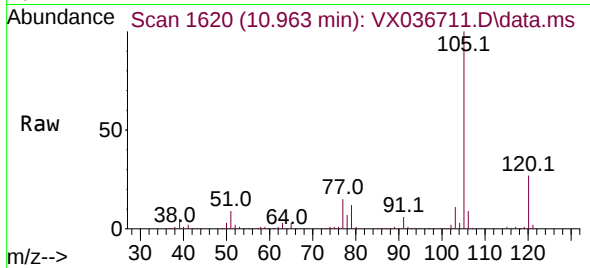
Tgt Ion:	152	Resp:	121631
Ion Ratio	Lower	Upper	
152	100		
115	71.1	43.3	129.9
150	160.8	0.0	345.0





#73
Isopropylbenzene
Concen: 18.665 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

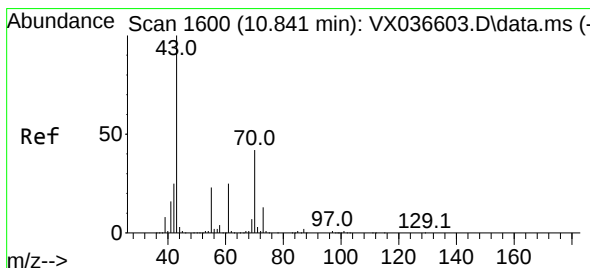
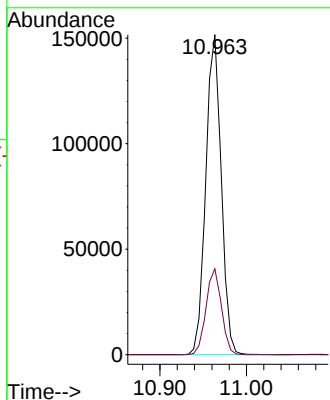
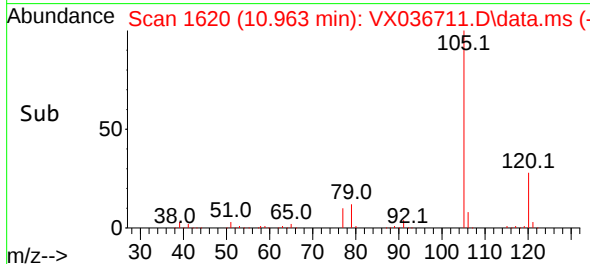
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



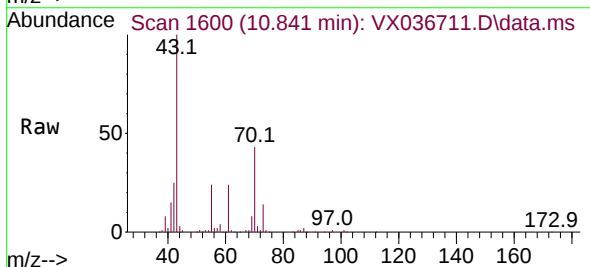
Tgt Ion:105 Resp: 187880
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

Manual Integrations
APPROVED

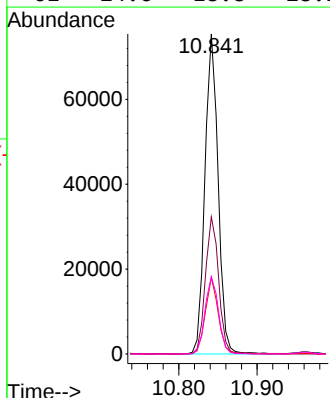
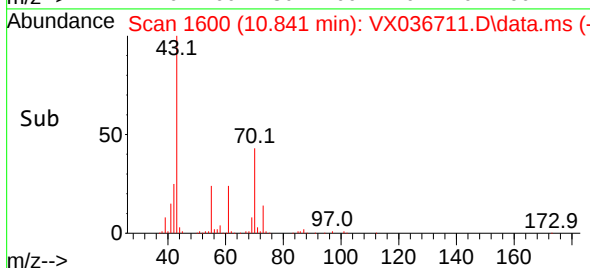
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

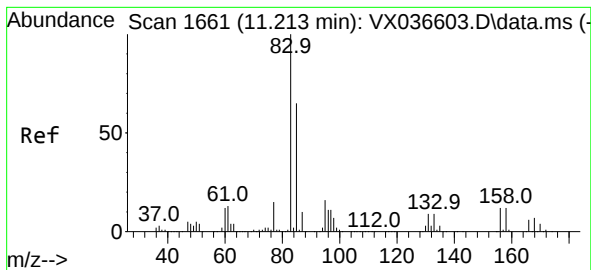


#74
N-ethyl acetate
Concen: 18.708 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



Tgt Ion: 43 Resp: 87817
Ion Ratio Lower Upper
43 100
70 43.1 32.9 49.3
55 23.5 19.3 28.9
61 24.6 18.8 28.2





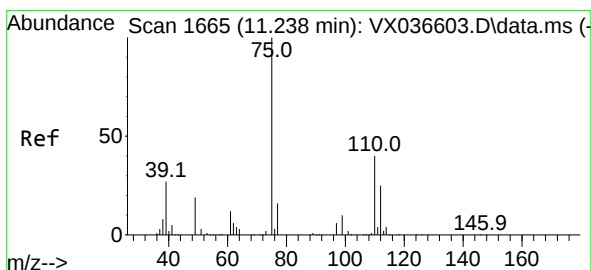
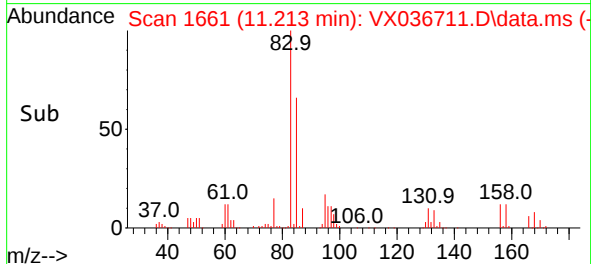
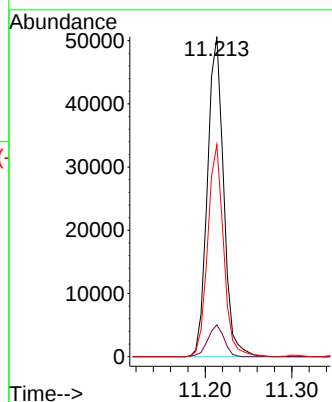
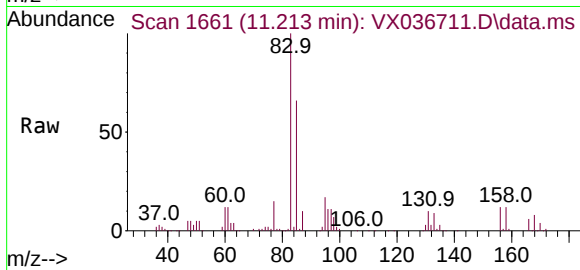
#75
1,1,2,2-Tetrachloroethane
Concen: 19.328 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 83 Resp: 6571
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.1 32.0 96.2

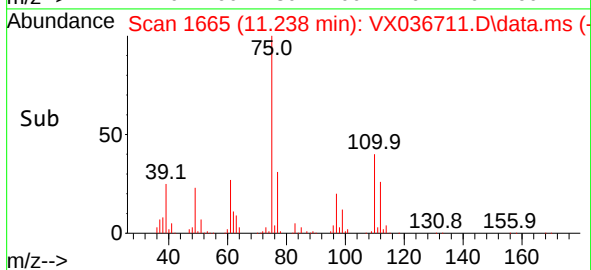
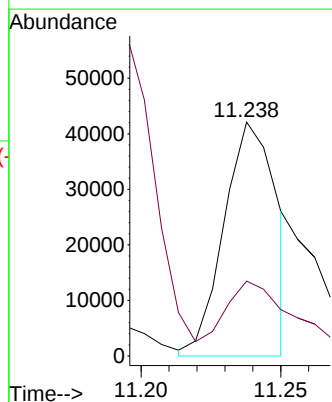
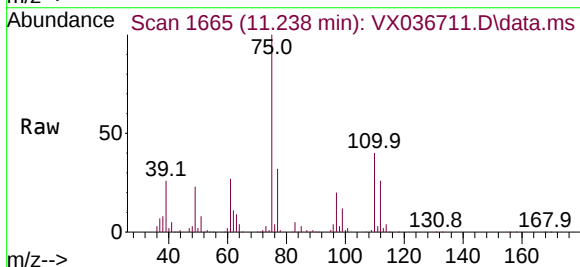
Manual Integrations
APPROVED

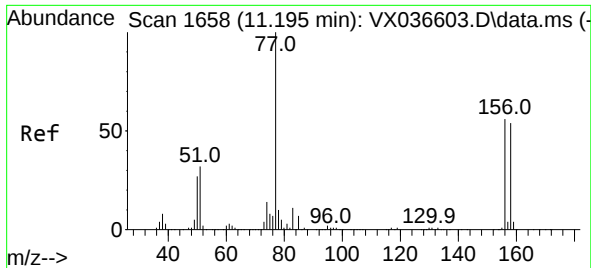
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#76
1,2,3-Trichloropropane
Concen: 19.254 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 75 Resp: 55084
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





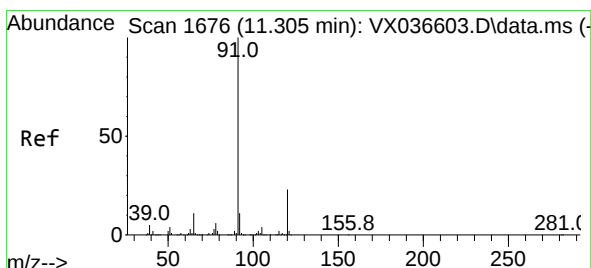
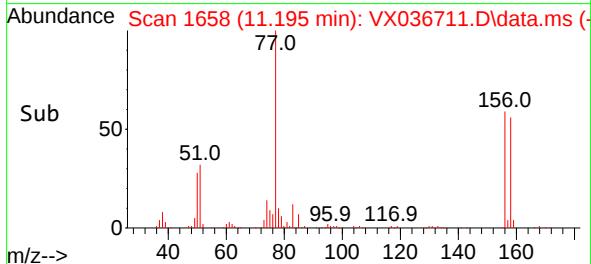
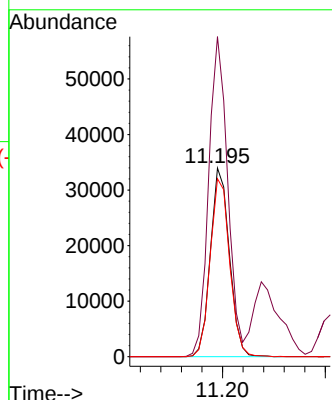
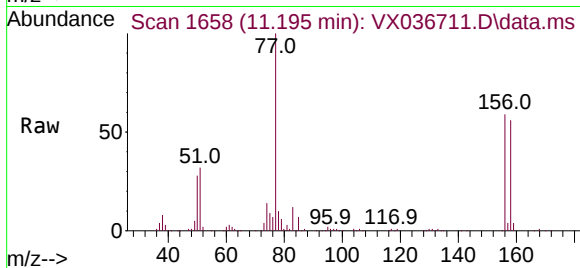
#77
Bromobenzene
Concen: 19.029 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion:156 Resp: 4362
Ion Ratio Lower Upper
156 100
77 169.2 88.4 265.3
158 96.6 48.0 144.0

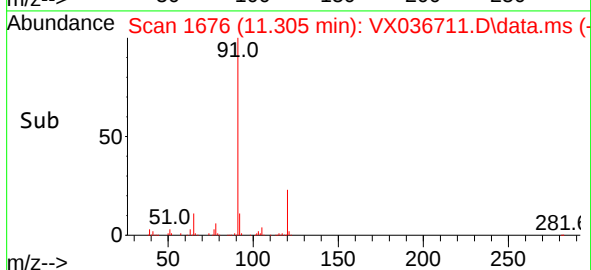
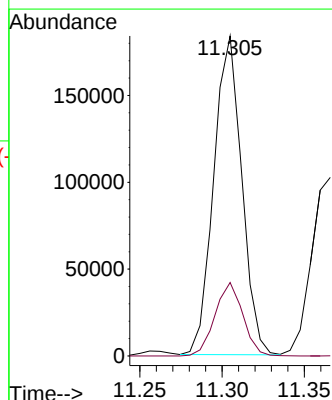
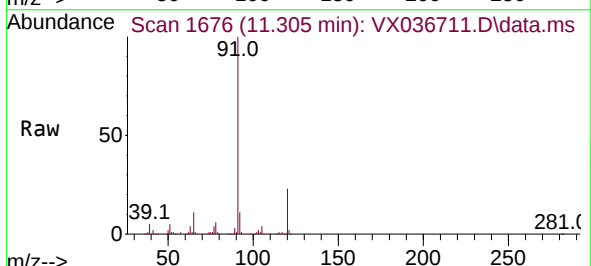
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#78
n-propylbenzene
Concen: 18.691 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 91 Resp: 217592
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





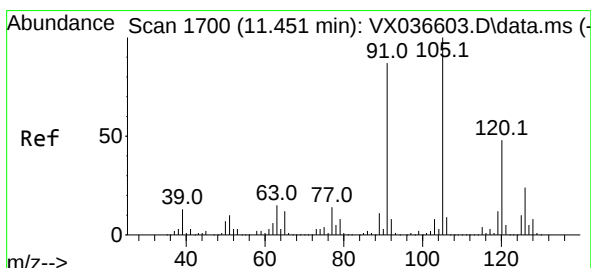
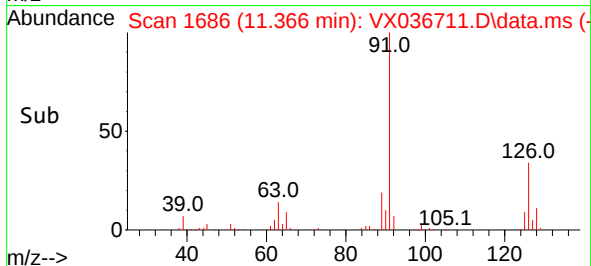
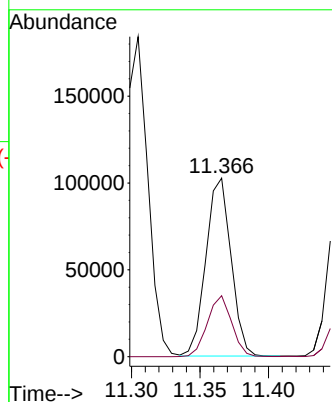
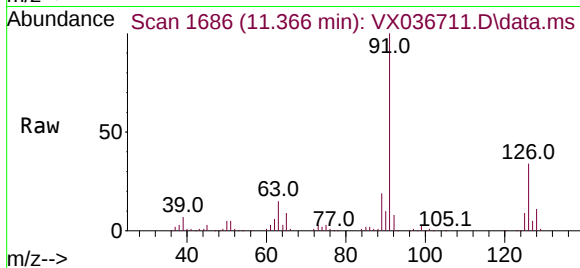
#79
2-Chlorotoluene
Concen: 18.485 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 91 Resp: 130395
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

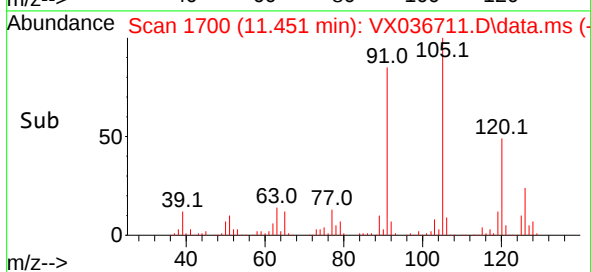
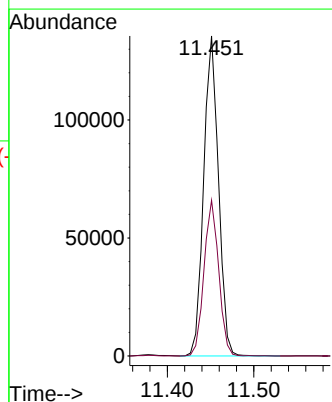
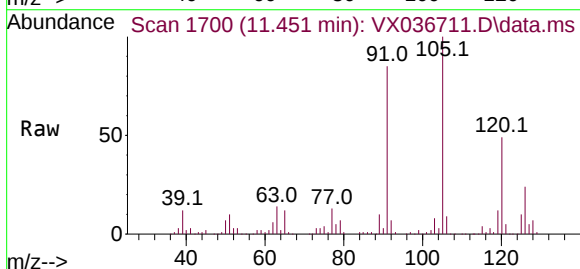
Manual Integrations
APPROVED

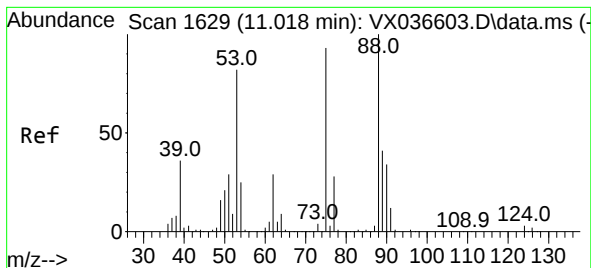
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.083 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion:105 Resp: 160695
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





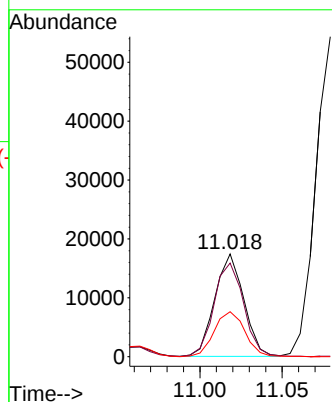
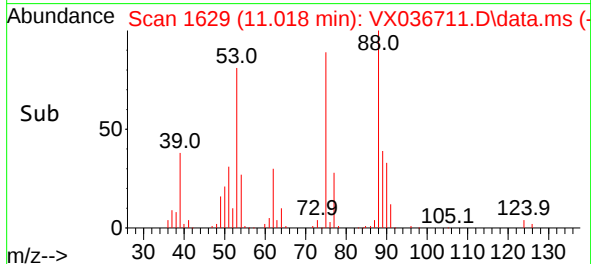
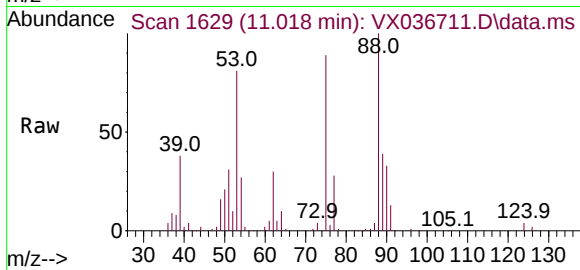
#81
trans-1,4-Dichloro-2-butene
Concen: 16.864 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tgt Ion: 75 Resp: 21280
Ion Ratio Lower Upper
75 100
53 94.5 90.5 135.7
89 46.8 36.9 55.3

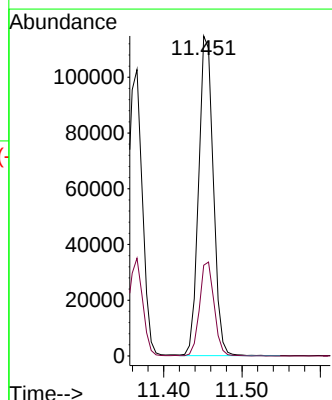
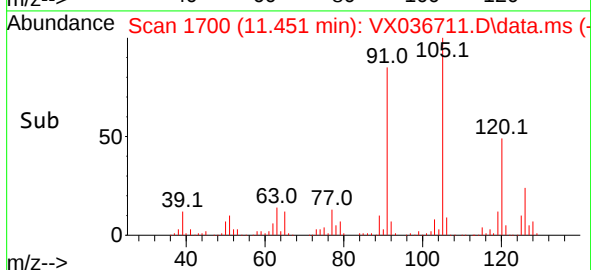
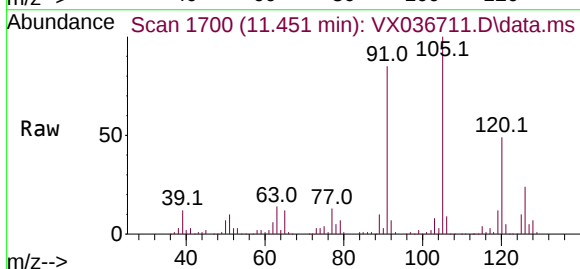
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#82
4-Chlorotoluene
Concen: 18.540 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

Tgt Ion: 91 Resp: 149015
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.967 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

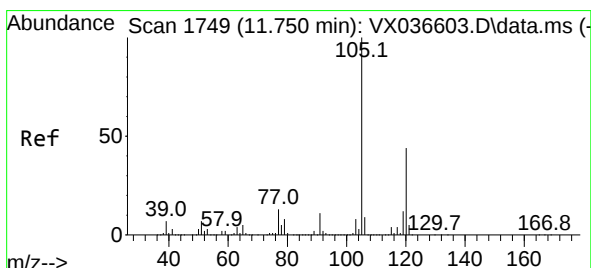
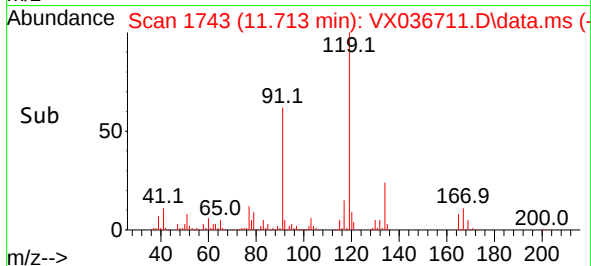
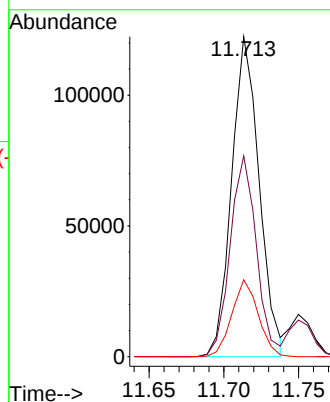
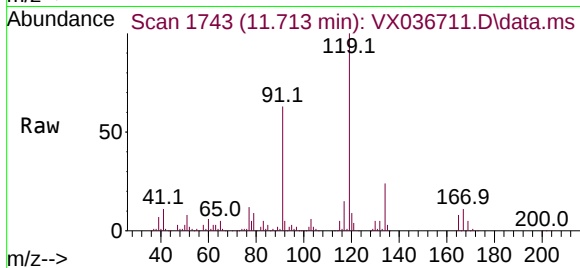
Tgt Ion:	119	Resp:	156909
Ion Ratio	Lower	Upper	
119	100		
91	60.0	31.2	93.6
134	23.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.992 ug/l

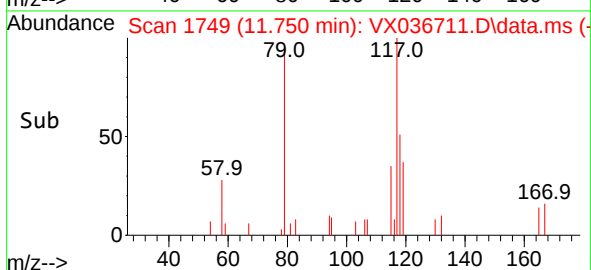
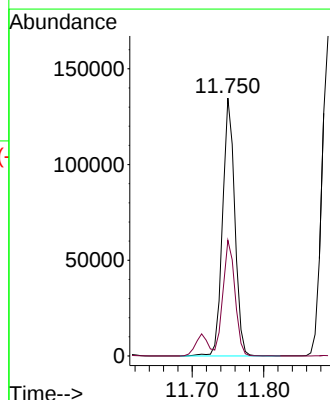
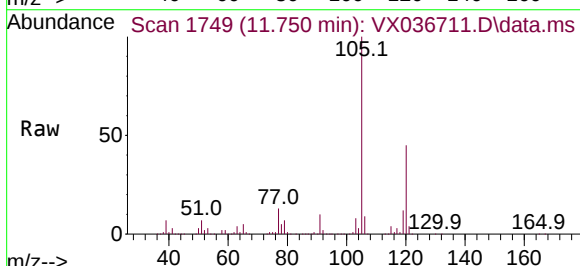
RT: 11.750 min Scan# 1749

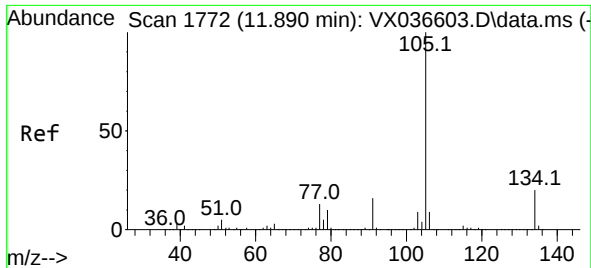
Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

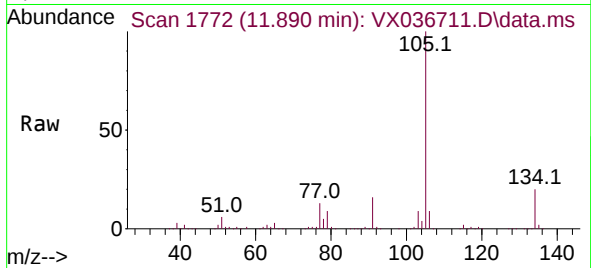
Tgt Ion:	105	Resp:	159948
Ion Ratio	Lower	Upper	
105	100		
120	43.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.082 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036711.D
 Acq: 31 Jul 2023 11:33

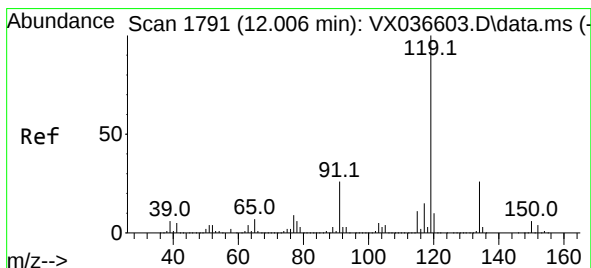
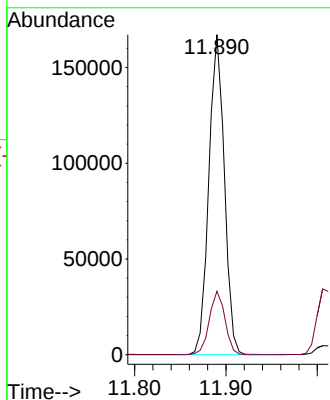
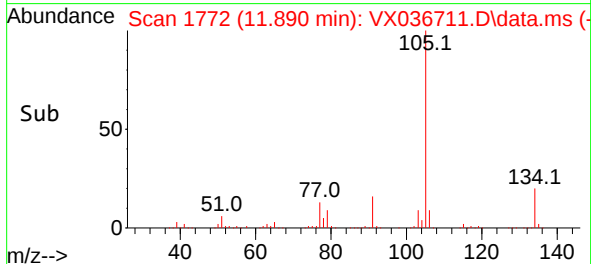
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01



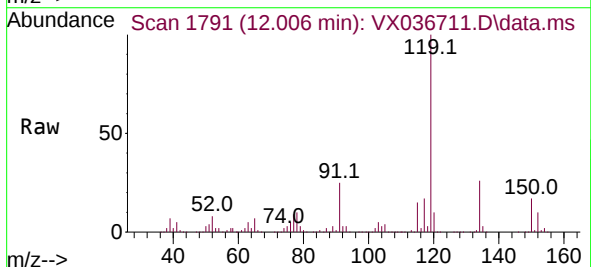
Tgt Ion:105 Resp: 19686
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
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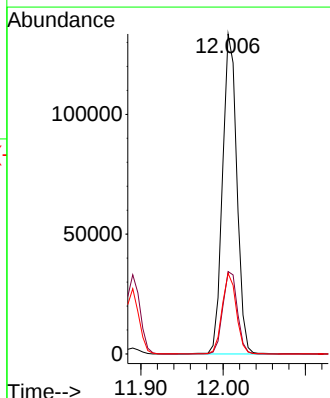
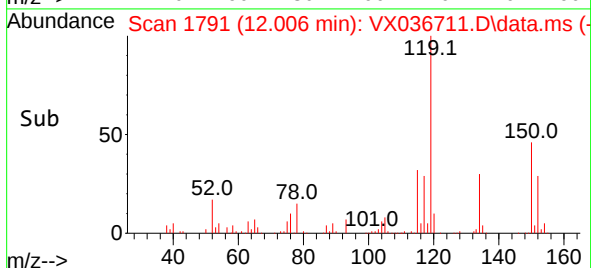
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

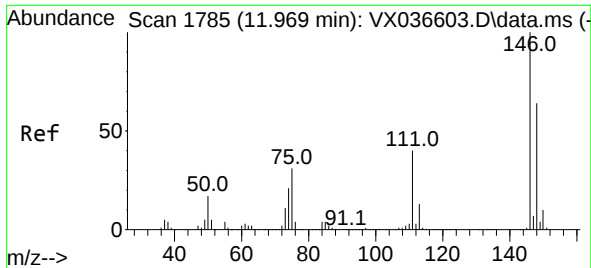


#86
 p-Isopropyltoluene
 Concen: 19.092 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036711.D
 Acq: 31 Jul 2023 11:33



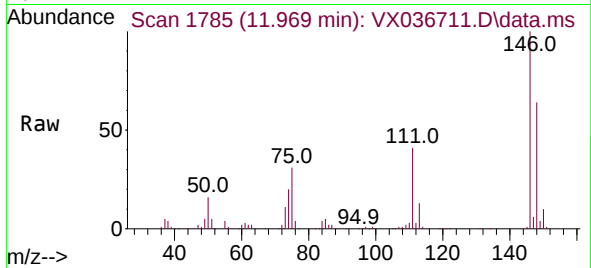
Tgt Ion:119 Resp: 162076
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.1 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 18.952 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

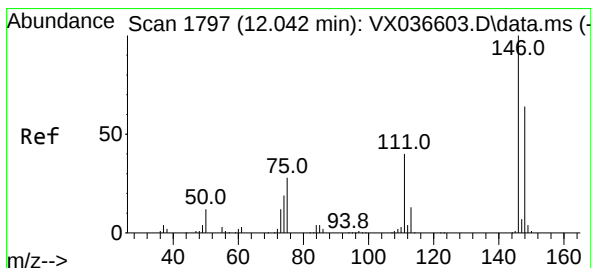
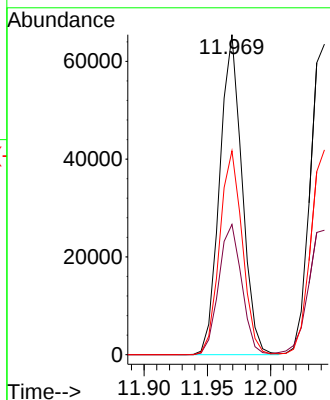
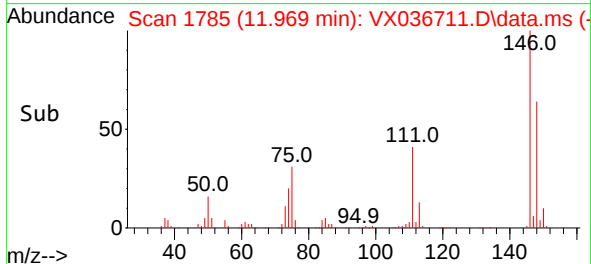
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



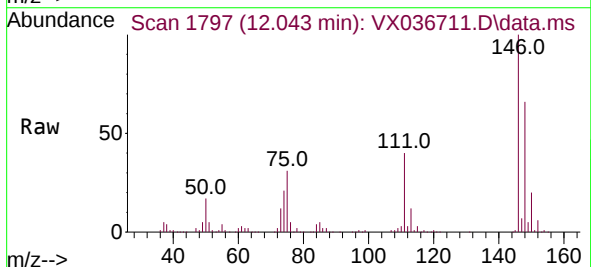
Tgt Ion:146 Resp: 80468
Ion Ratio Lower Upper
146 100
111 41.8 22.1 66.1
148 64.4 31.8 95.3

Manual Integrations
APPROVED

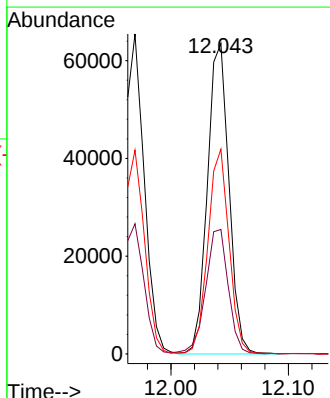
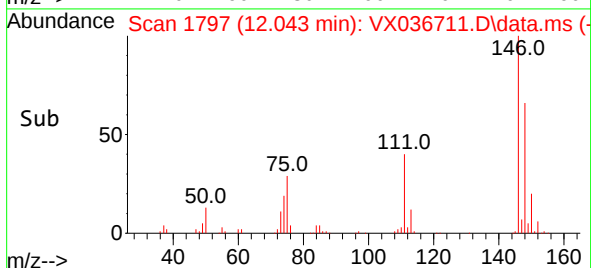
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

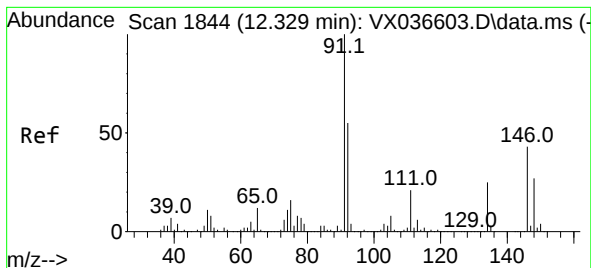


#88
1,4-Dichlorobenzene
Concen: 19.230 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



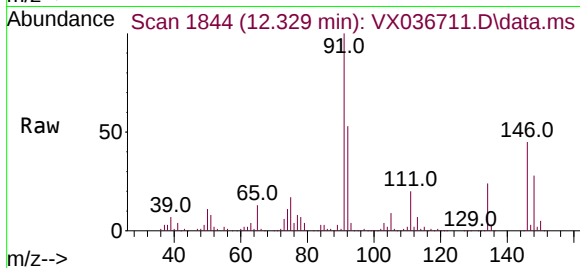
Tgt Ion:146 Resp: 81025
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.7
148 65.1 31.8 95.4





#89
n-Butylbenzene
Concen: 18.517 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

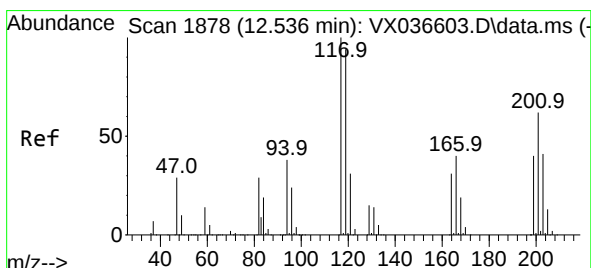
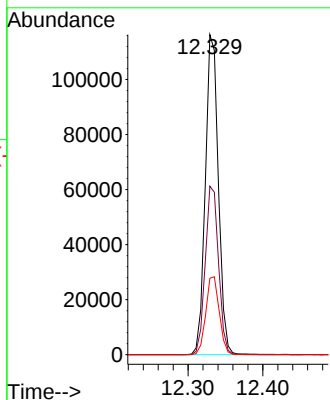
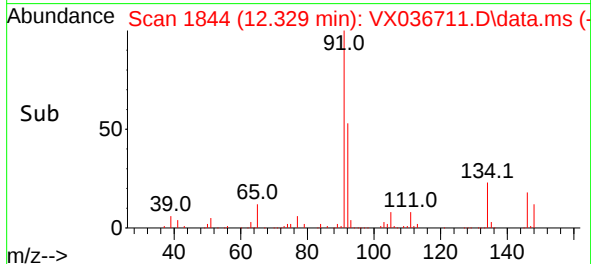
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



Tgt Ion: 91 Resp: 140719
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.0
134 25.1 12.6 37.8

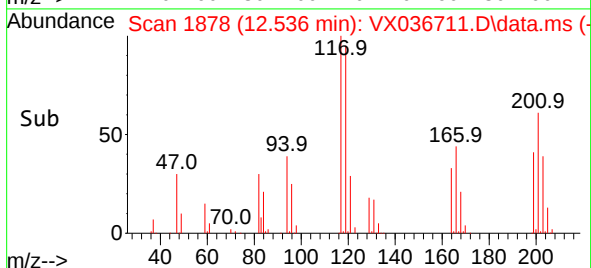
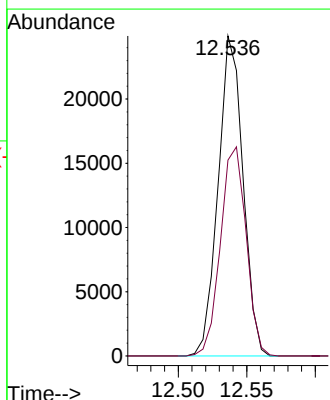
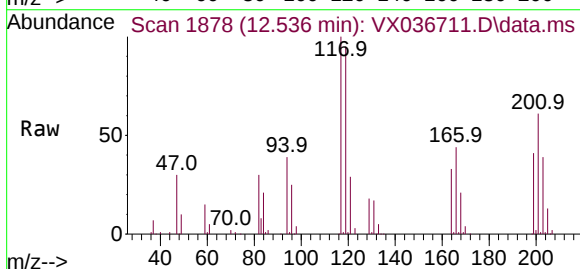
Manual Integrations
APPROVED

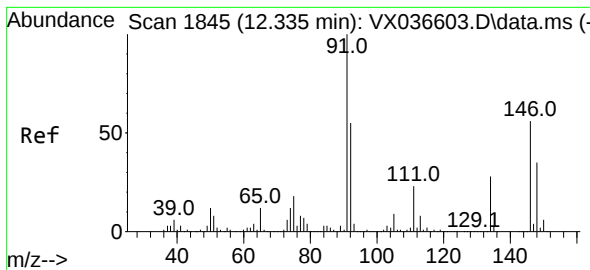
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#90
Hexachloroethane
Concen: 18.226 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

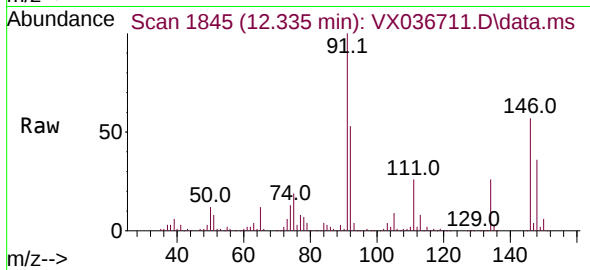
Tgt Ion:117 Resp: 31366
Ion Ratio Lower Upper
117 100
201 67.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33

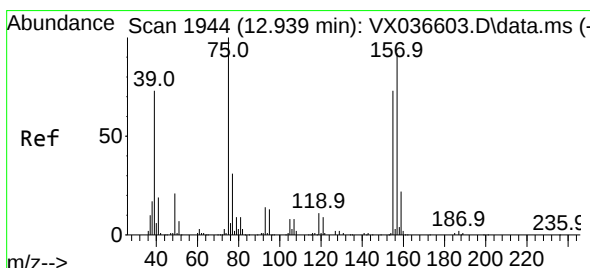
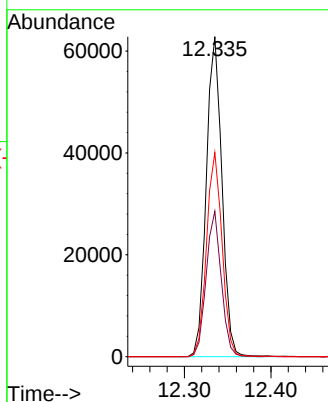
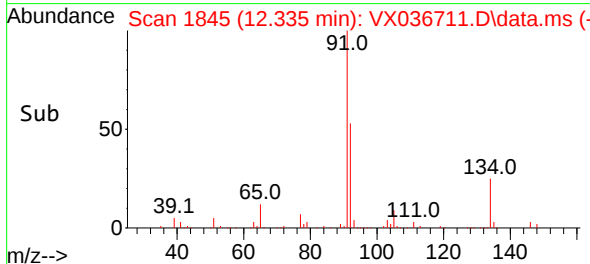
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01



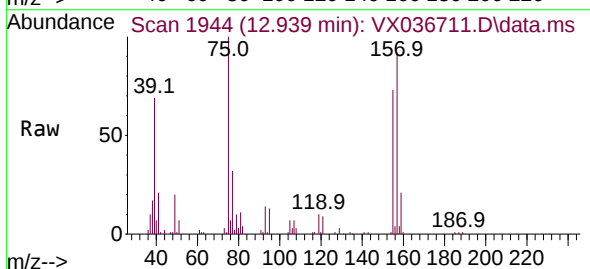
Tgt Ion:146 Resp: 78704
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
APPROVED

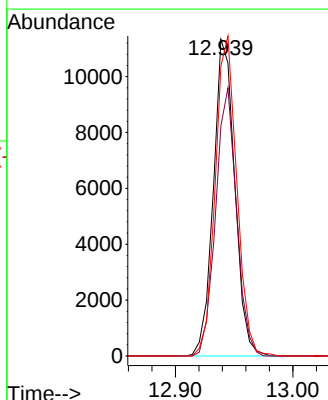
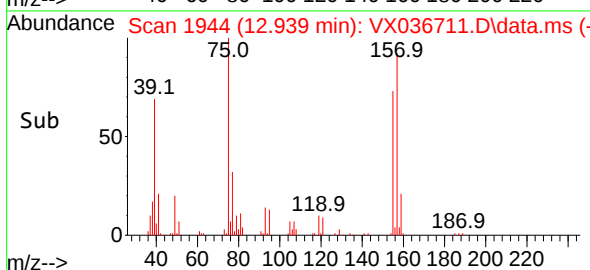
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

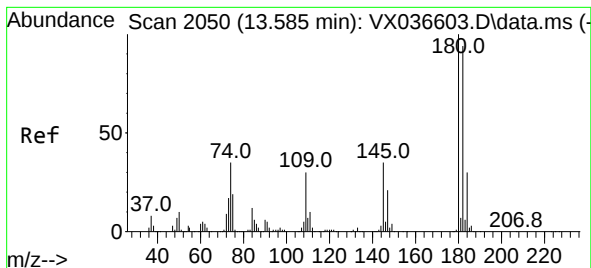


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.118 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036711.D
Acq: 31 Jul 2023 11:33



Tgt Ion: 75 Resp: 14314
Ion Ratio Lower Upper
75 100
155 82.8 36.1 108.5
157 101.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.802 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

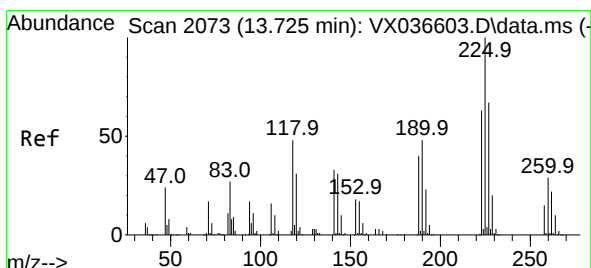
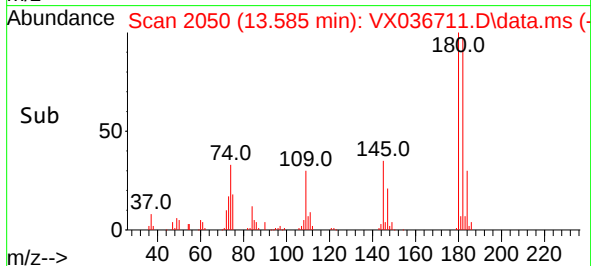
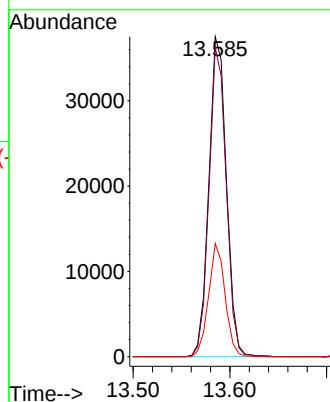
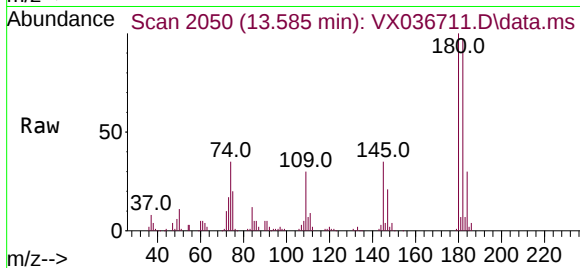
Tgt Ion:180	Resp:	47462
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.3 144.8
145	33.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#94

Hexachlorobutadiene

Concen: 18.380 ug/l

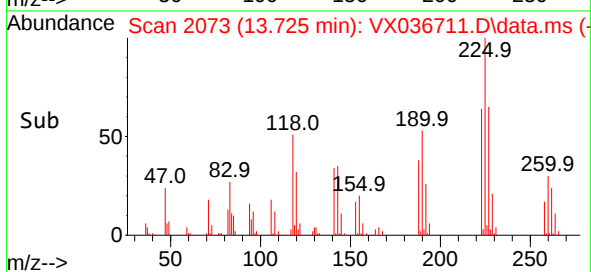
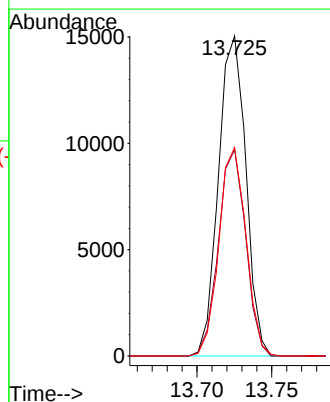
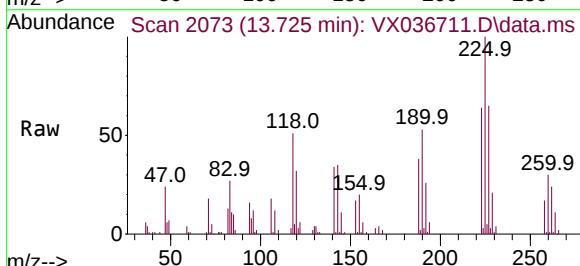
RT: 13.725 min Scan# 2073

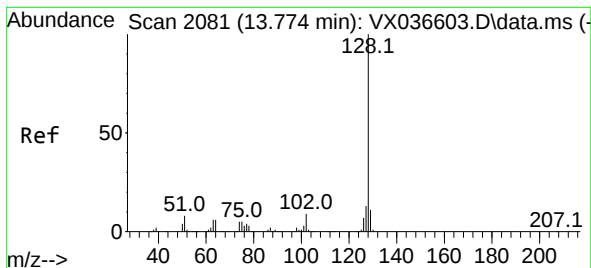
Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Tgt Ion:225	Resp:	19194
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.1 93.2
227	64.2	32.5 97.5





#95

Naphthalene

Concen: 19.134 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

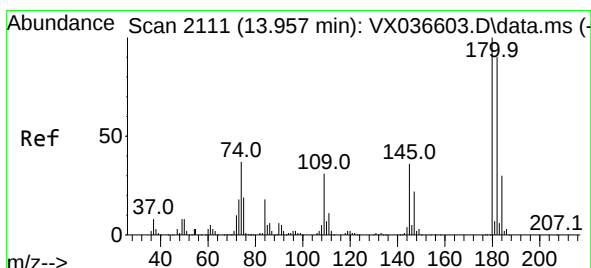
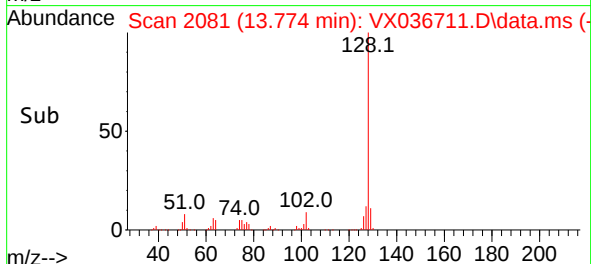
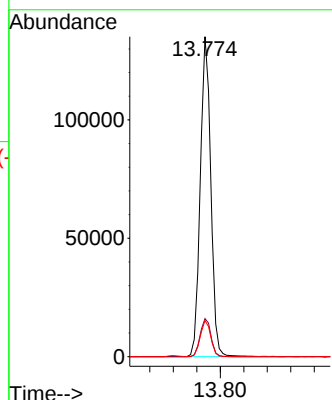
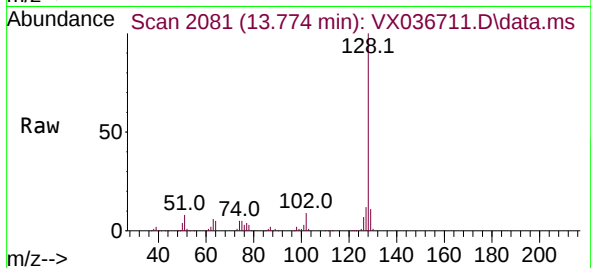
Tgt Ion:	128	Resp:	168309
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.850 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036711.D

Acq: 31 Jul 2023 11:33

Tgt Ion:	180	Resp:	46898
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.9	140.6
145	34.7	17.8	53.5

