

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
 Data File : VX033704.D
 Acq On : 12 Jan 2023 11:37
 Operator : JC/MD
 Sample : VX0112WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 00:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	14856	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	104701	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	116134	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	37617	31.272	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.233%	
60) 4-Bromofluorobenzene	11.079	95	63950	30.553	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.833%	
63) Toluene-d8	8.647	98	112675	30.316	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31651	20.372	ug/l	99
3) Chloromethane	1.294	50	34181	20.524	ug/l	97
4) Vinyl Chloride	1.374	62	34152	22.703	ug/l	99
5) Bromomethane	1.618	94	16347	19.619	ug/l	96
6) Chloroethane	1.691	64	18772	21.307	ug/l	98
7) Trichlorofluoromethane	1.892	101	50484	21.747	ug/l	98
8) Diethyl Ether	2.130	74	14882	19.689	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	23167	19.246	ug/l	99
10) 1,1-Dichloroethene	2.319	96	20556	18.113	ug/l	89
11) Methyl Iodide	2.453	142	29974	15.364	ug/l	98
12) Methyl Acetate	2.709	43	40350	16.983	ug/l	99
13) Acrolein	2.239	56	28250	110.274	ug/l	100
14) Acrylonitrile	3.068	53	82185	104.891	ug/l	100
15) Acetone	2.404	58	17709	99.872	ug/l	97
16) Carbon Disulfide	2.514	76	52857	16.006	ug/l	97
17) Allyl chloride	2.666	41	39953	16.548	ug/l	100
18) Methylene Chloride	2.788	84	33103	20.828	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	32184	21.108	ug/l	93
20) Diisopropyl ether	3.757	45	108080	20.741	ug/l	94
21) 1,1-Dichloroethane	3.605	63	57719	20.198	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	36820	20.306	ug/l	99
23) tert-Butyl Alcohol	3.050	59	31904m	103.088	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	97932	20.208	ug/l	97
25) Chloroform	5.093	83	60158	20.740	ug/l	93
26) Cyclohexane	5.464	56	56689	21.373	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	45284	20.009	ug/l	98
30) 2-Butanone	4.568	43	120573	102.018	ug/l #	97
31) 2,2-Dichloropropane	4.477	77	40779	20.928	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	50877	19.255	ug/l	99
33) Carbon Tetrachloride	5.678	117	46588	19.535	ug/l	99
34) Benzene	6.037	78	130517	19.851	ug/l	99
35) Methacrylonitrile	4.916	41	26055	19.347	ug/l	96
36) 1,2-Dichloroethane	6.086	62	46832	19.594	ug/l	99
37) Trichloroethene	7.123	130	37160	19.598	ug/l	99
38) Methylcyclohexane	7.379	83	57345	20.377	ug/l	100
39) 1,2-Dichloropropane	7.427	63	32847	19.548	ug/l	97
40) Dibromomethane	7.580	93	23335	19.761	ug/l	99
41) Bromodichloromethane	7.818	83	44853	19.583	ug/l	99
42) Vinyl Acetate	3.721	43	413662	97.942	ug/l	100

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Instrument :
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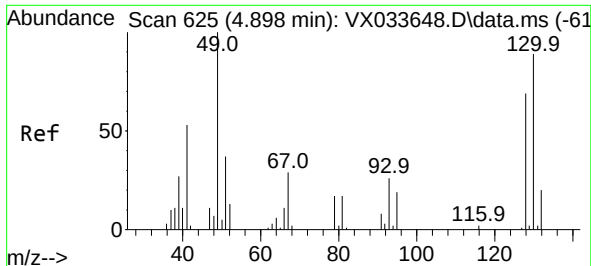
Manual Integrations
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 Supervised By : Mahesh Dadoda 01/13/2023

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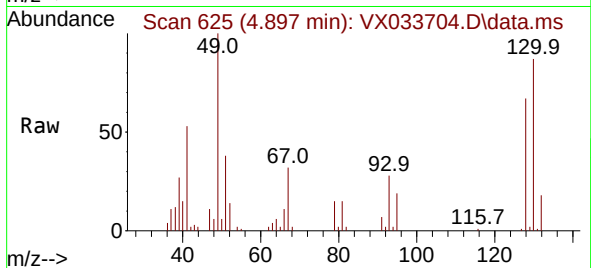
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	48183	19.896	ug/l	99
44) Isopropyl Acetate	6.336	43	70682	18.603	ug/l	99
45) 1,4-Dioxane	7.751	88	17458m	421.176	ug/l	
46) Methyl methacrylate	7.690	41	36301	18.871	ug/l	96
47) n-amyl Acetate	10.842	43	61163	18.908	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	43706	18.675	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	50442	19.406	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	33668	19.642	ug/l	98
51) Ethyl methacrylate	9.116	69	48037	18.793	ug/l	99
52) 1,3-Dichloropropane	9.305	76	57014	19.859	ug/l	99
53) Dibromochloromethane	9.519	129	36405	19.486	ug/l	96
54) 1,2-Dibromoethane	9.610	107	36192	19.756	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	112046	90.675	ug/l	99
56) Bromoform	10.799	173	27165	18.938	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	232159	100.635	ug/l	100
59) 2-Hexanone	9.433	43	171846	101.217	ug/l	99
61) Tetrachloroethene	9.275	164	33916	20.241	ug/l	97
62) Toluene	8.714	91	147071	20.118	ug/l	98
64) Chlorobenzene	10.079	112	94547	20.080	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	34876	19.680	ug/l	98
66) Ethyl Benzene	10.195	91	163626	20.070	ug/l	99
67) m/p-Xylenes	10.299	106	130688	40.616	ug/l	100
68) o-Xylene	10.640	106	64222	20.306	ug/l	99
69) Styrene	10.653	104	104729	20.008	ug/l	99
70) Isopropylbenzene	10.963	105	168766	20.605	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	49517	20.078	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	45086m	20.180	ug/l	
73) Bromobenzene	11.195	156	43920	20.262	ug/l	97
74) n-propylbenzene	11.305	91	192404	20.690	ug/l	99
75) 2-Chlorotoluene	11.366	91	114978	20.672	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	141353	20.787	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	12754	19.081	ug/l	97
78) 4-Chlorotoluene	11.451	91	129779	20.807	ug/l	99
79) tert-butylbenzene	11.713	119	144181	20.673	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	141229	21.022	ug/l	98
81) sec-Butylbenzene	11.890	105	176840	20.956	ug/l	100
82) p-Isopropyltoluene	12.006	119	151686	20.841	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	81982	20.718	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	81203	20.582	ug/l	99
85) n-Butylbenzene	12.329	91	124612	21.059	ug/l	99
86) Hexachloroethane	12.536	117	23199	19.592	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	79460	20.846	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9620	18.789	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	53364	20.355	ug/l	99
90) Hexachlorobutadiene	13.725	225	26191	20.836	ug/l	97
91) Naphthalene	13.774	128	156778	20.366	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	54071	20.556	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

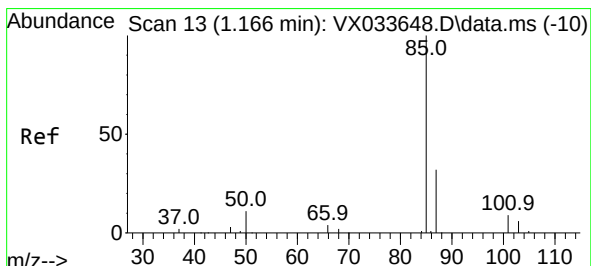
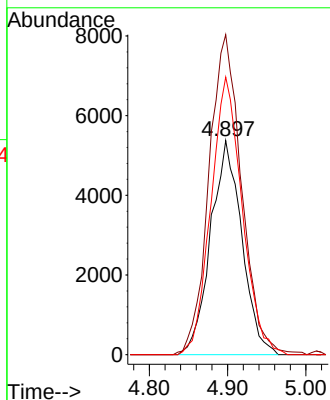
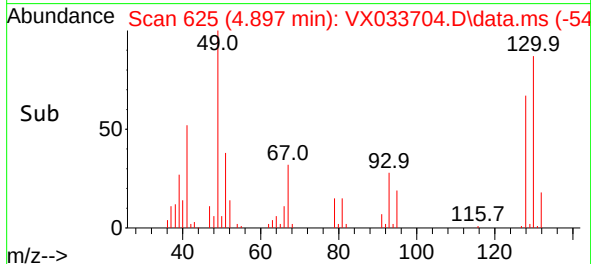
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



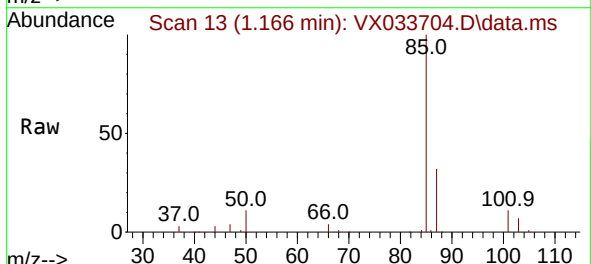
Tgt Ion:128 Resp: 14850
Ion Ratio Lower Upper
128 100
49 156.2 0.0 398.5
130 130.4 0.0 329.0

Manual Integrations
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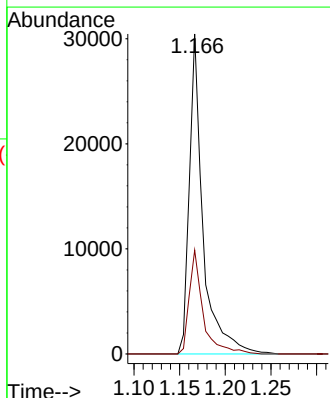
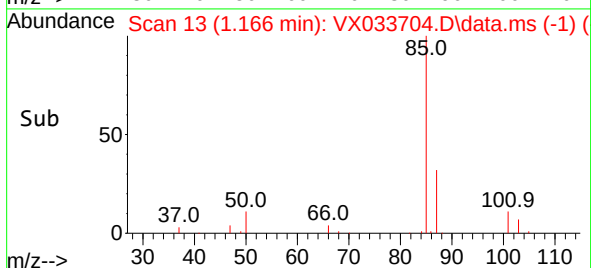
Reviewed By :John Carlone 01/13/2023
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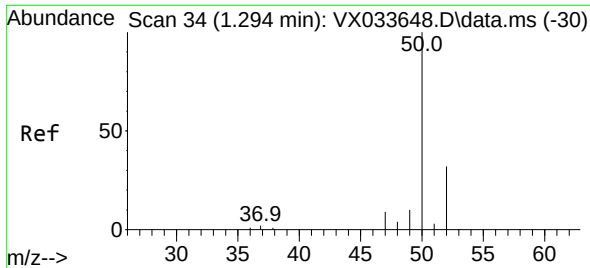


#2
Dichlorodifluoromethane
Concen: 20.372 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



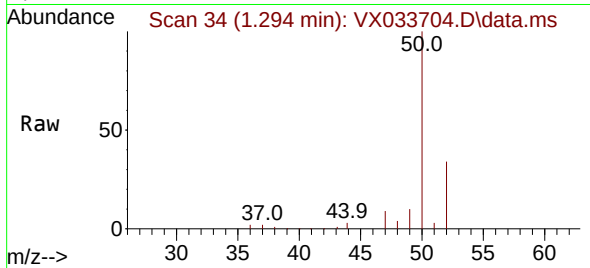
Tgt Ion: 85 Resp: 31651
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





#3
Chloromethane
Concen: 20.524 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

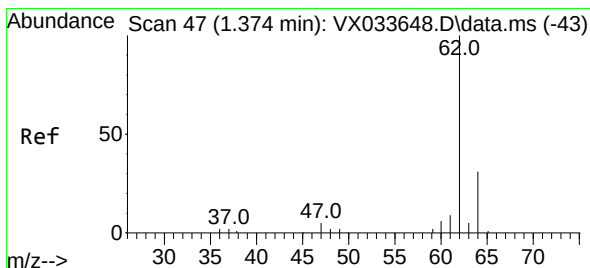
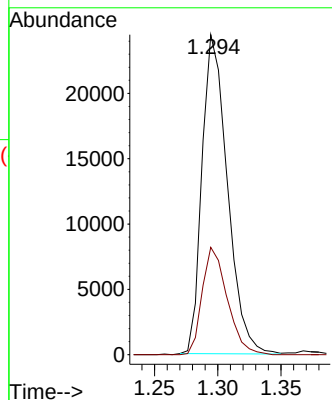
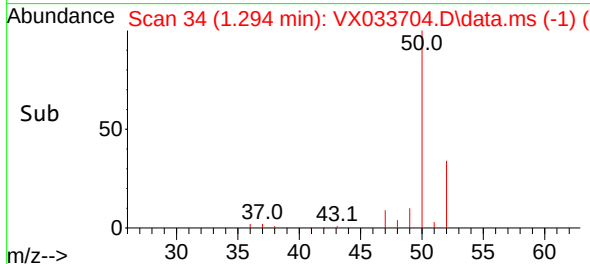
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



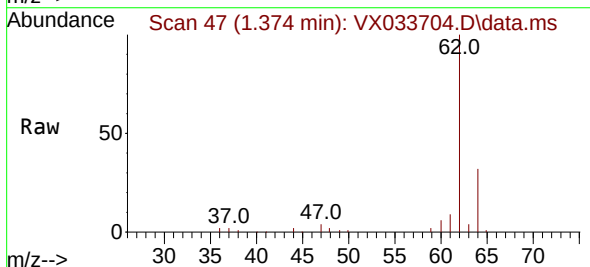
Tgt Ion: 50 Resp: 3418
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

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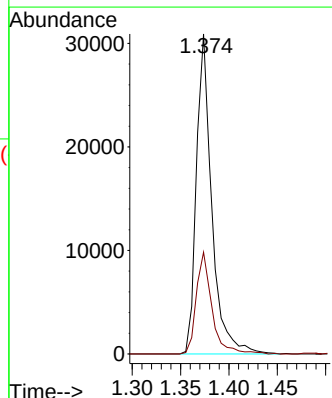
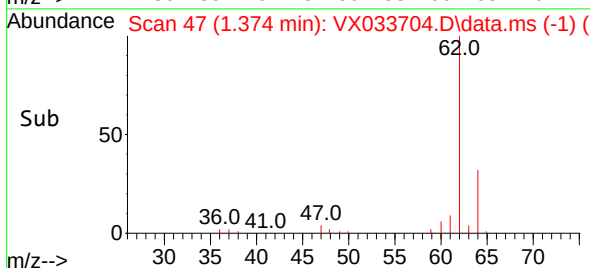
Reviewed By :John Carlone 01/13/2023
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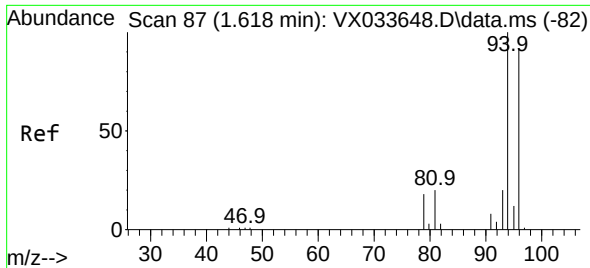


#4
Vinyl Chloride
Concen: 22.703 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



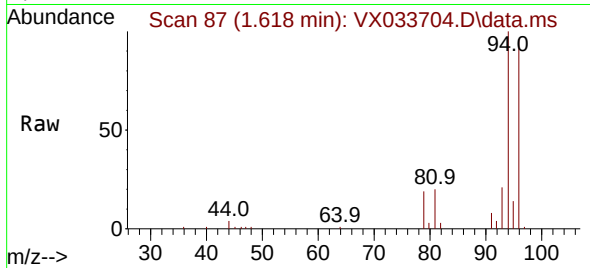
Tgt Ion: 62 Resp: 34152
Ion Ratio Lower Upper
62 100
64 31.8 24.9 37.3





#5
Bromomethane
Concen: 19.619 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

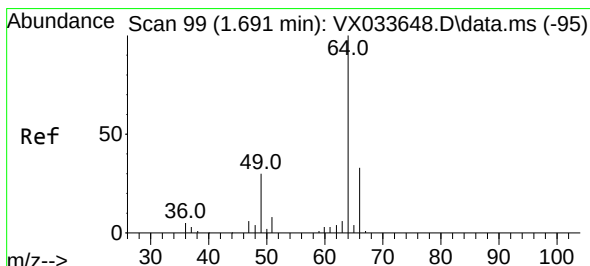
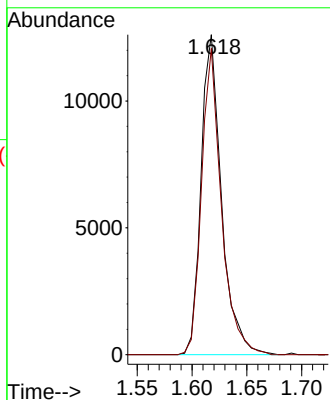
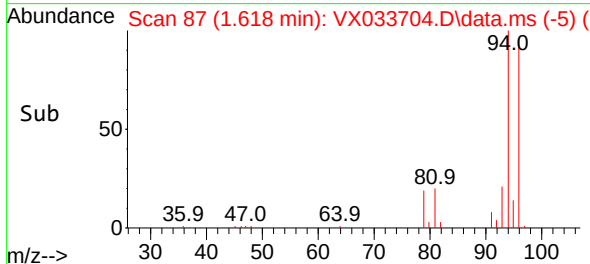
Instrument :
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ClientSampleId :
VX0112WBS01



Tgt Ion: 94 Resp: 1634
Ion Ratio Lower Upper
94 100
96 95.7 73.6 110.4

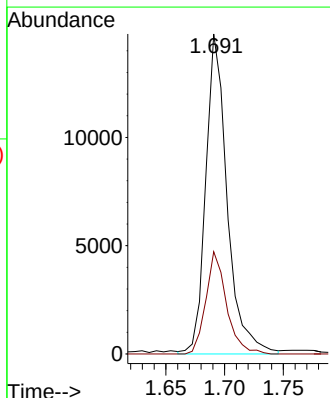
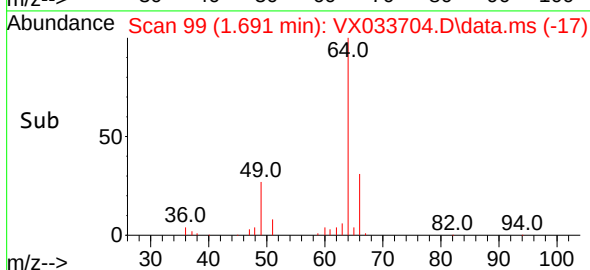
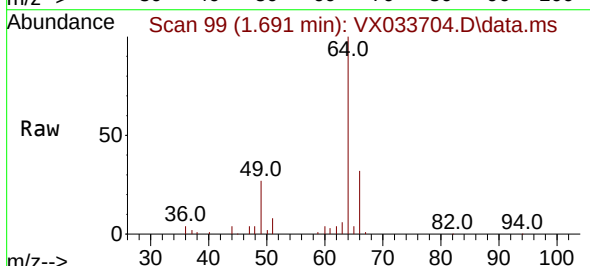
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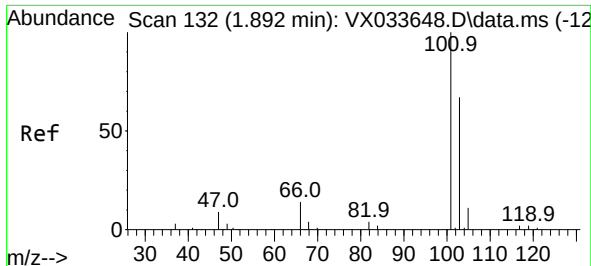
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#6
Chloroethane
Concen: 21.307 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

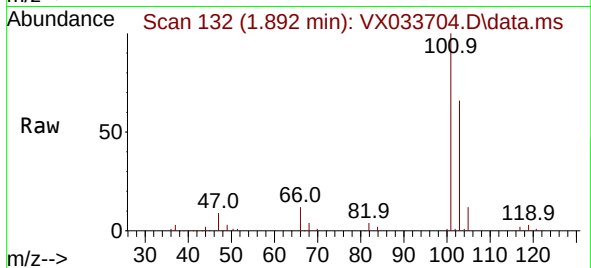
Tgt Ion: 64 Resp: 18772
Ion Ratio Lower Upper
64 100
66 32.2 26.6 40.0





#7
Trichlorofluoromethane
Concen: 21.747 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

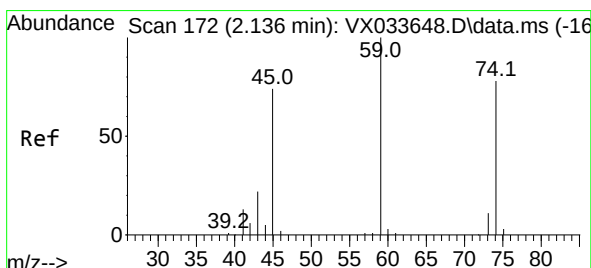
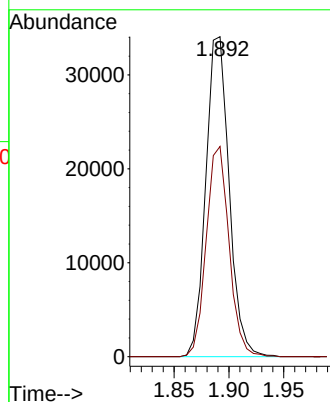
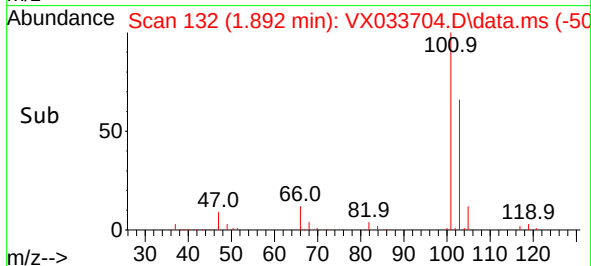
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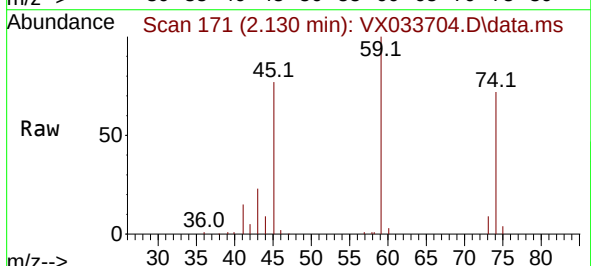
Tgt Ion:101 Resp: 50484
Ion Ratio Lower Upper
101 100
103 65.7 53.7 80.5

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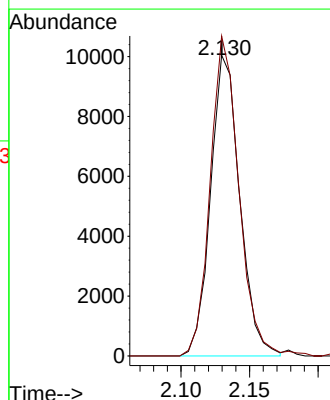
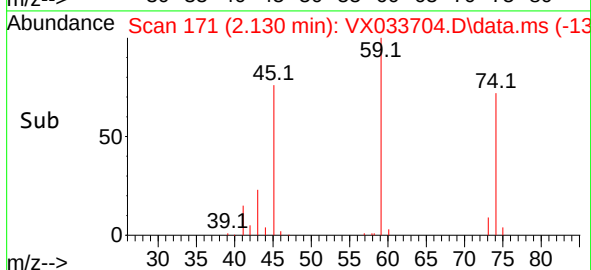
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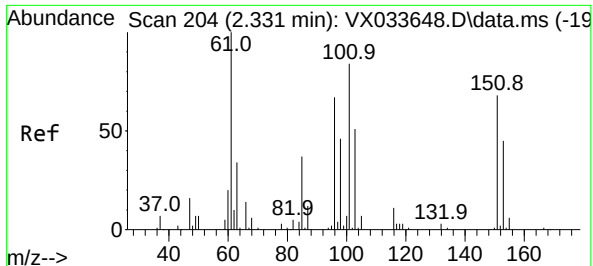


#8
Diethyl Ether
Concen: 19.689 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



Tgt Ion: 74 Resp: 14882
Ion Ratio Lower Upper
74 100
45 103.8 20.3 182.9





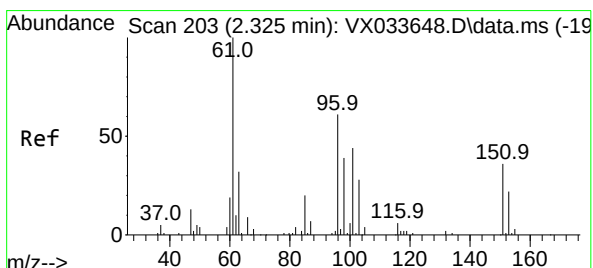
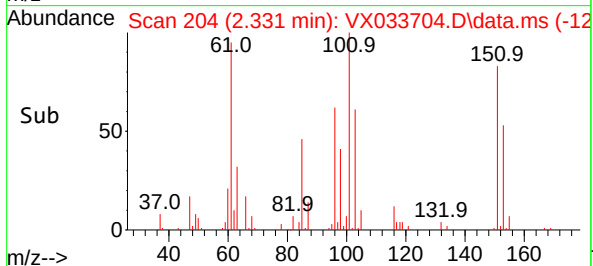
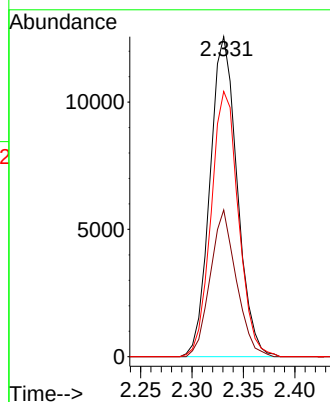
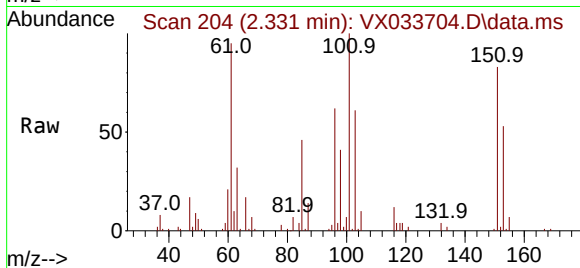
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.246 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion:101 Resp: 2316
Ion Ratio Lower Upper
101 100
85 43.8 0.0 88.8
151 83.3 0.0 167.2

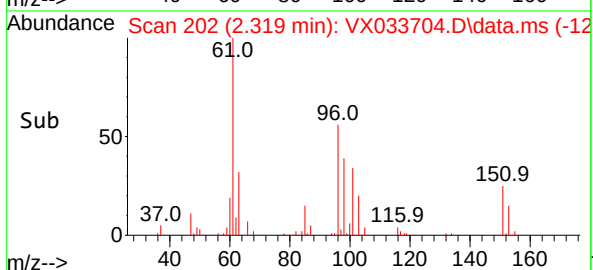
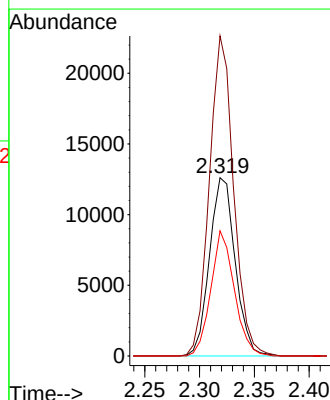
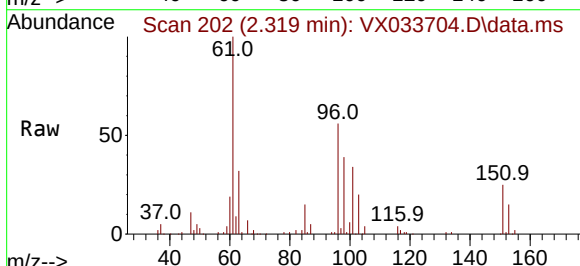
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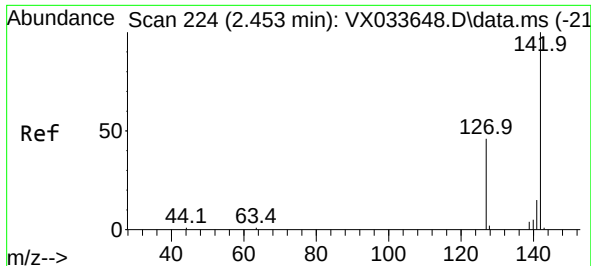
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
1,1-Dichloroethene
Concen: 18.113 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

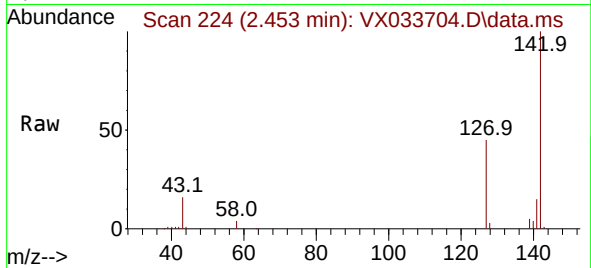
Tgt Ion: 96 Resp: 20556
Ion Ratio Lower Upper
96 100
61 179.5 130.6 195.8
98 70.2 50.8 76.2





#11
Methyl Iodide
Concen: 15.364 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

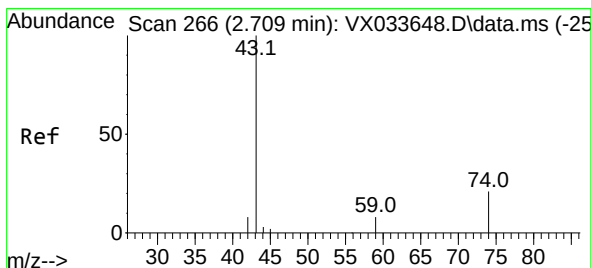
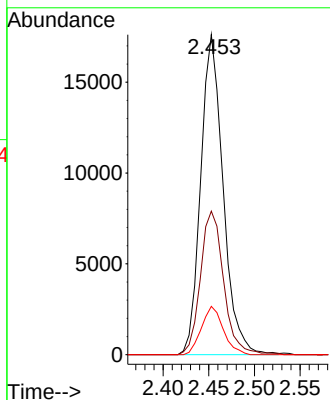
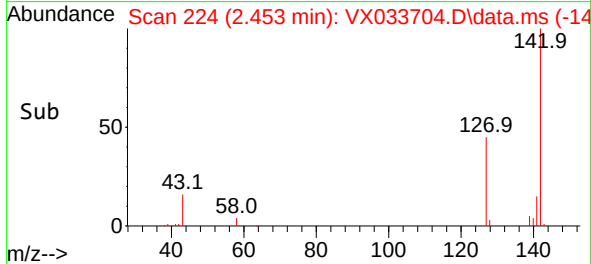
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



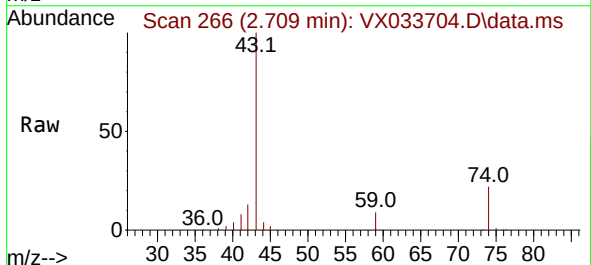
Tgt Ion:142 Resp: 29974
Ion Ratio Lower Upper
142 100
127 44.7 23.2 69.5
141 15.1 7.3 22.0

Manual Integrations
APPROVED

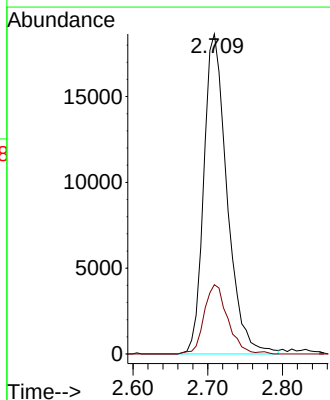
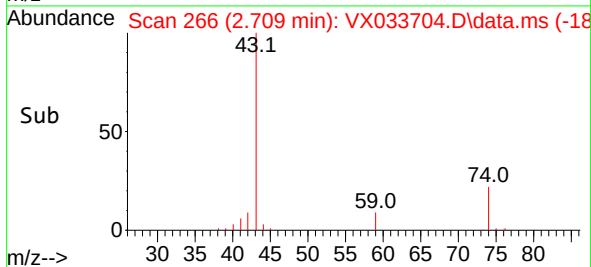
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

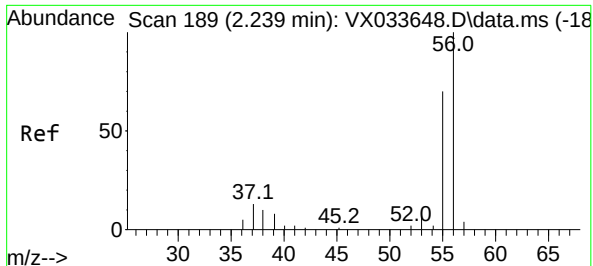


#12
Methyl Acetate
Concen: 16.983 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



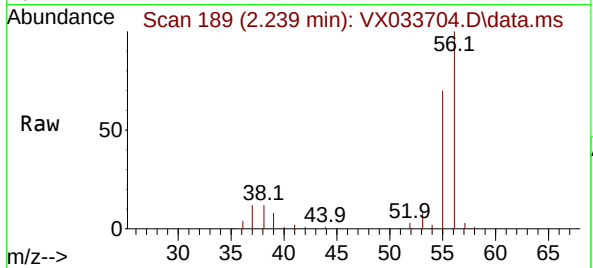
Tgt Ion: 43 Resp: 40350
Ion Ratio Lower Upper
43 100
74 21.8 17.0 25.6





#13
Acrolein
Concen: 110.274 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

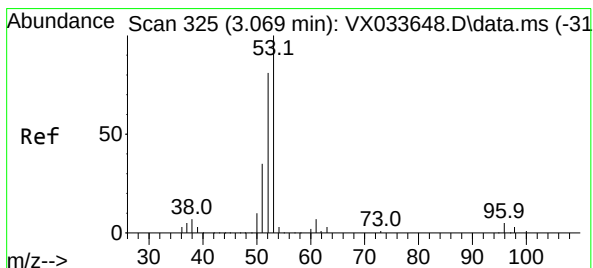
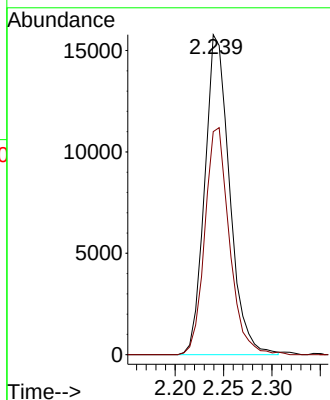
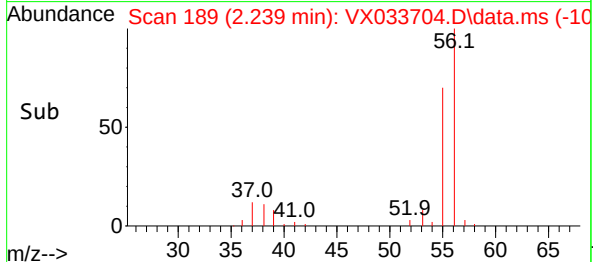
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



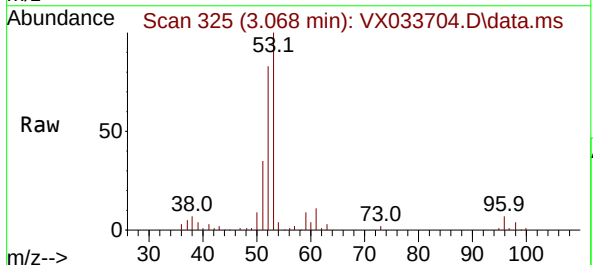
Tgt Ion: 56 Resp: 28250
Ion Ratio Lower Upper
56 100
55 70.0 56.1 84.1

Manual Integrations
APPROVED

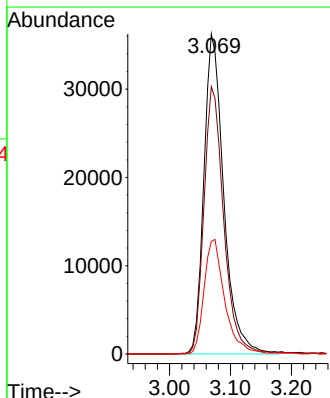
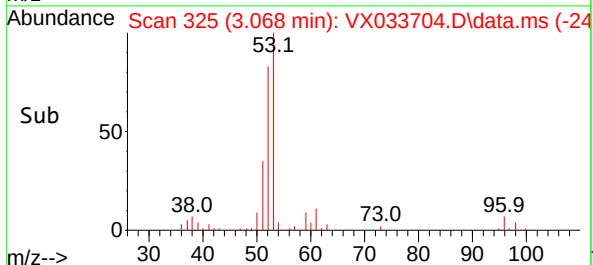
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

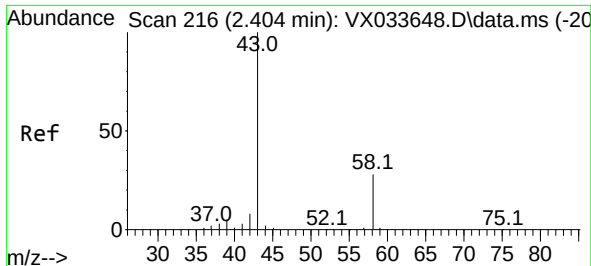


#14
Acrylonitrile
Concen: 104.891 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



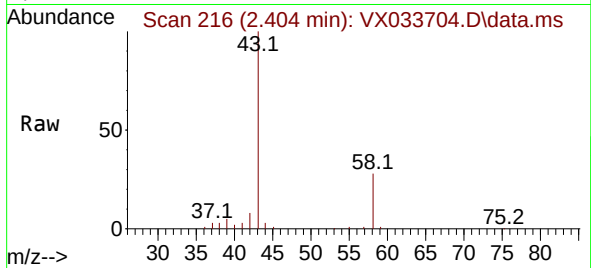
Tgt Ion: 53 Resp: 82185
Ion Ratio Lower Upper
53 100
52 82.6 41.3 124.1
51 37.1 18.4 55.4





#15
Acetone
Concen: 99.872 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

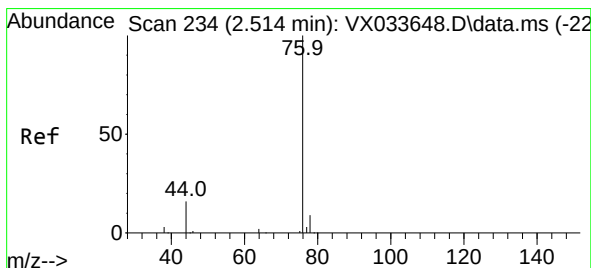
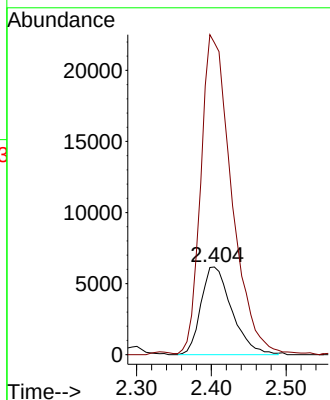
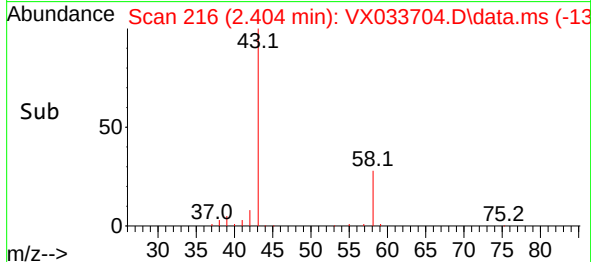
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 58 Resp: 17709
Ion Ratio Lower Upper
58 100
43 354.3 288.3 432.5

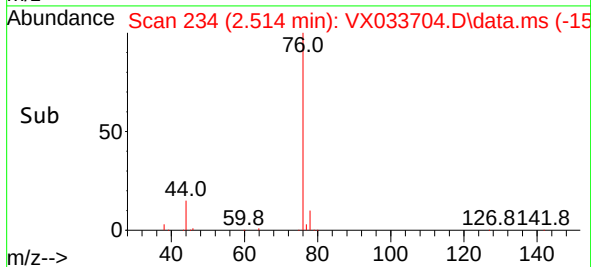
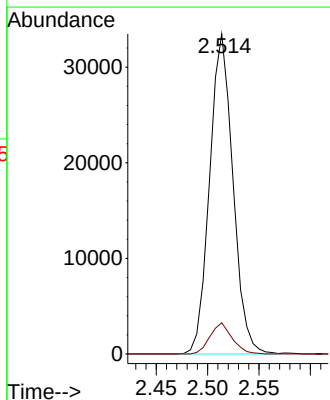
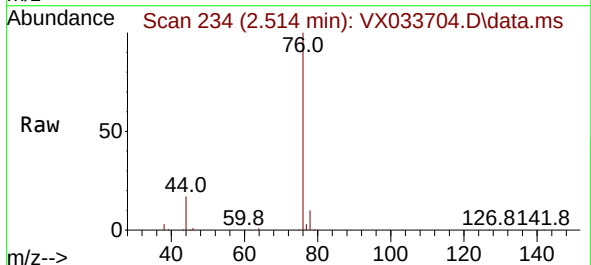
Manual Integrations
APPROVED

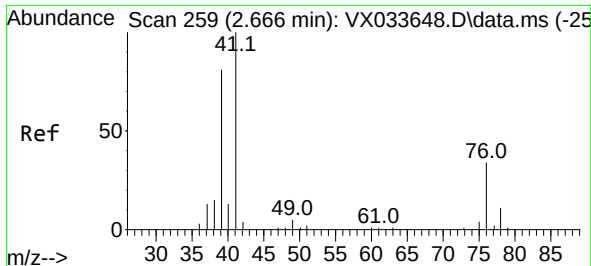
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#16
Carbon Disulfide
Concen: 16.006 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 76 Resp: 52857
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4





#17

Allyl chloride

Concen: 16.548 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

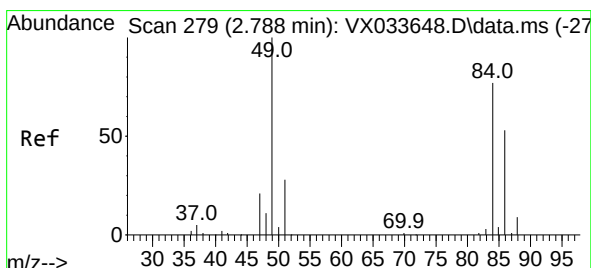
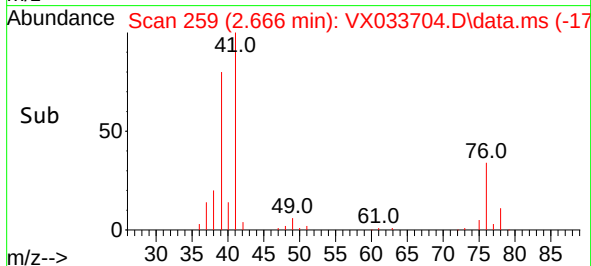
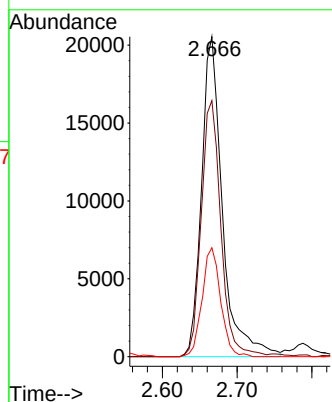
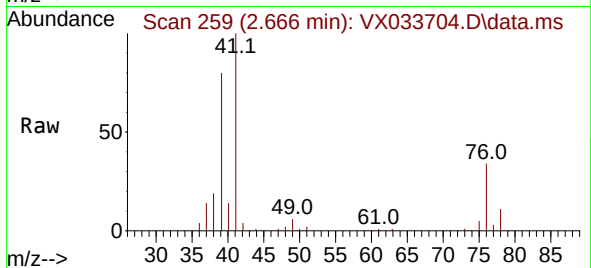
VX0112WBS01

Tgt Ion: 41	Resp: 3995
Ion Ratio	Lower Upper
41 100	
39 80.0	40.3 120.8
76 34.1	17.0 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#18

Methylene Chloride

Concen: 20.828 ug/l

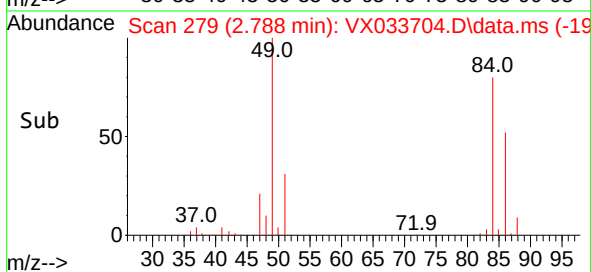
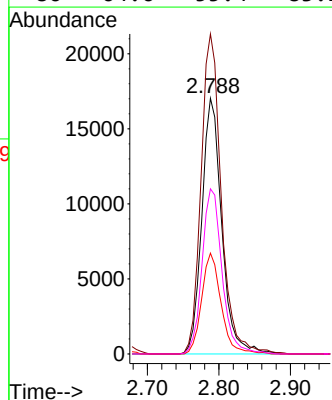
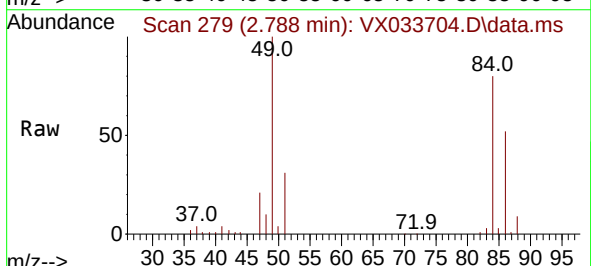
RT: 2.788 min Scan# 279

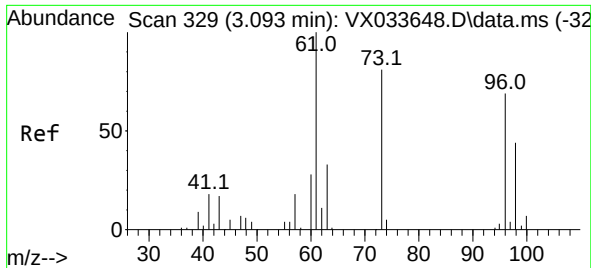
Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Tgt Ion: 84	Resp: 33103
Ion Ratio	Lower Upper
84 100	
49 125.2	104.1 156.1
51 39.4	29.2 43.8
86 64.6	55.4 83.2





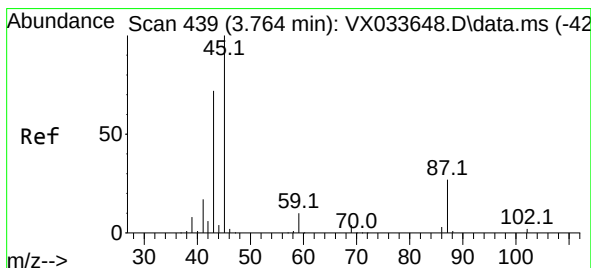
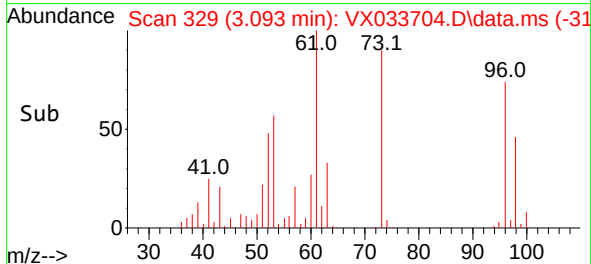
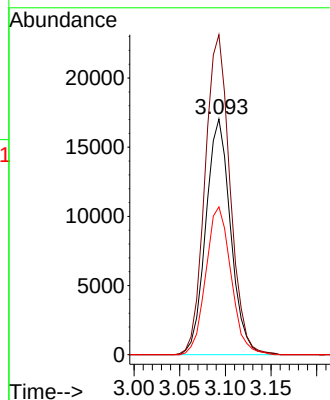
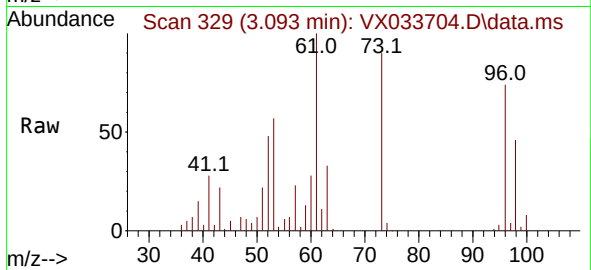
#19
trans-1,2-Dichloroethene
Concen: 21.108 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion: 96 Resp: 32184
Ion Ratio Lower Upper
96 100
61 135.8 117.1 175.7
98 62.7 52.0 78.0

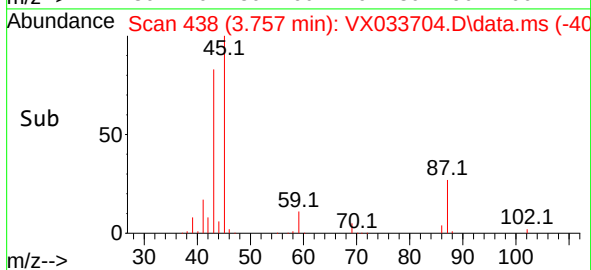
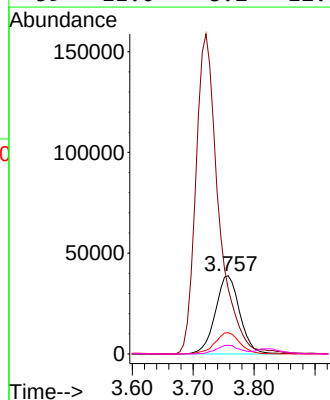
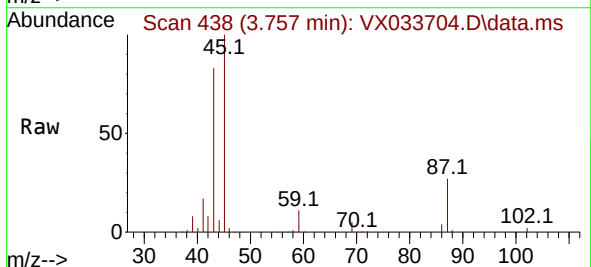
Manual Integrations
APPROVED

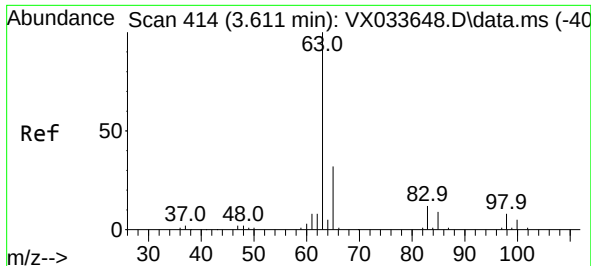
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Diisopropyl ether
Concen: 20.741 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 45 Resp: 108080
Ion Ratio Lower Upper
45 100
43 80.3 58.0 87.0
87 27.1 21.7 32.5
59 11.0 8.2 12.4





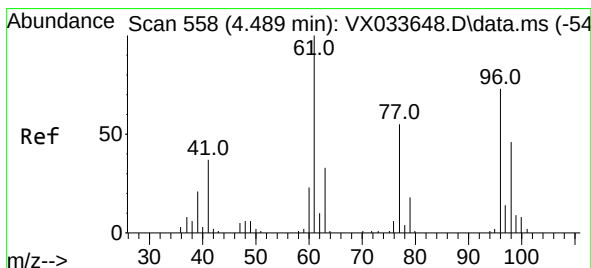
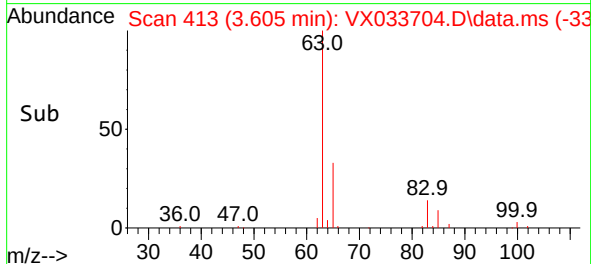
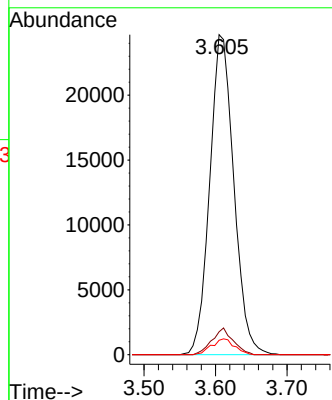
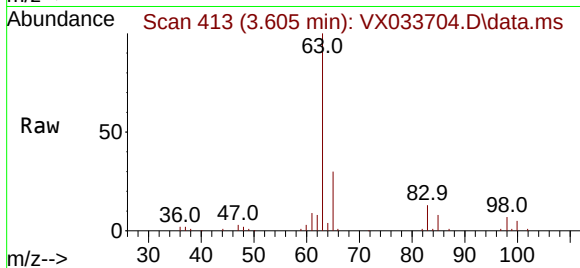
#21
1,1-Dichloroethane
Concen: 20.198 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion: 63 Resp: 57719
Ion Ratio Lower Upper
63 100
98 7.1 4.0 12.2
100 4.5 2.4 7.2

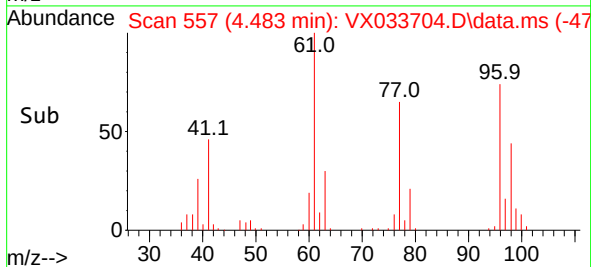
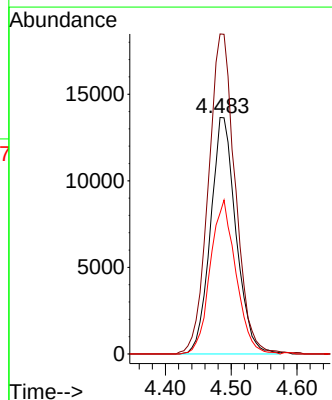
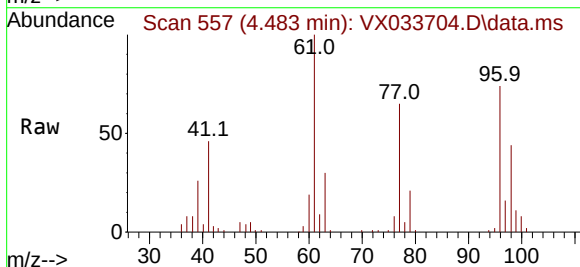
Manual Integrations
APPROVED

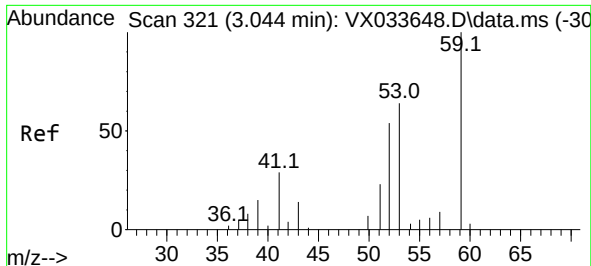
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#22
cis-1,2-Dichloroethene
Concen: 20.306 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 96 Resp: 36820
Ion Ratio Lower Upper
96 100
61 141.8 114.2 171.2
98 65.4 51.4 77.0





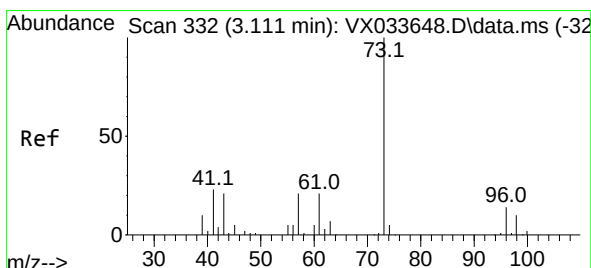
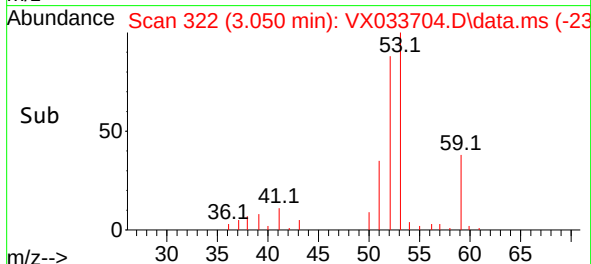
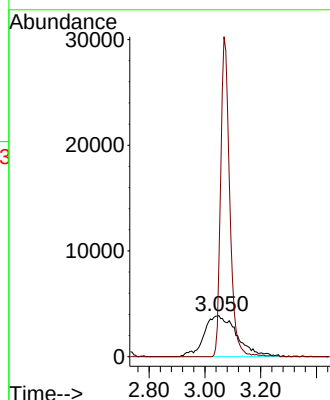
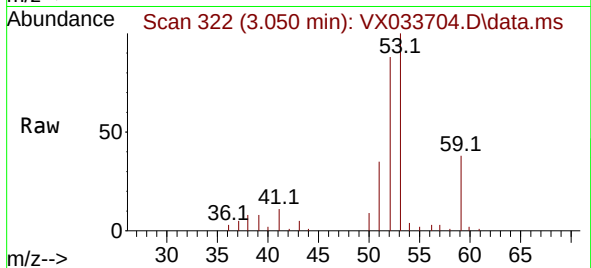
#23
tert-Butyl Alcohol
Concen: 103.088 ug/l m
RT: 3.050 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion: 59 Resp: 31904
Ion Ratio Lower Upper
59 100
52 212.8 0.2 0.2

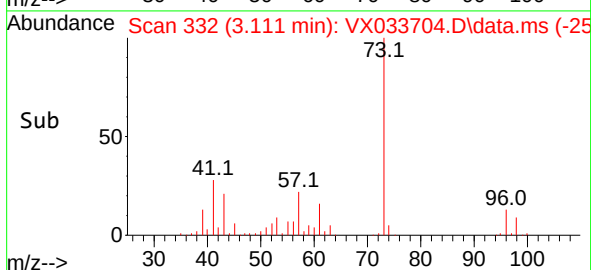
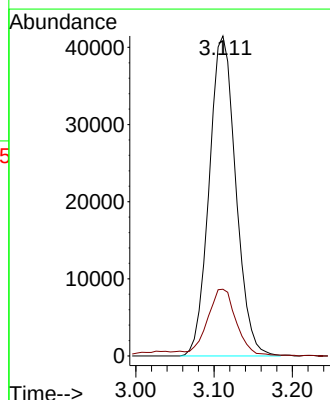
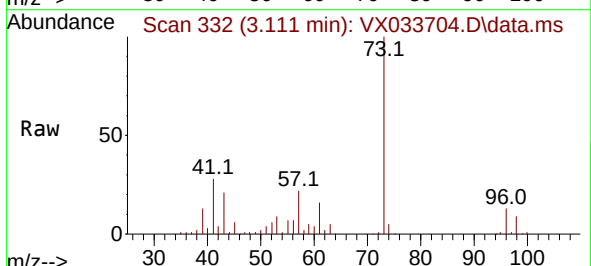
Manual Integrations
APPROVED

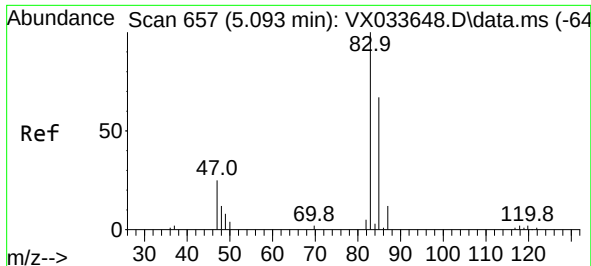
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#24
Methyl tert-Butyl Ether
Concen: 20.208 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

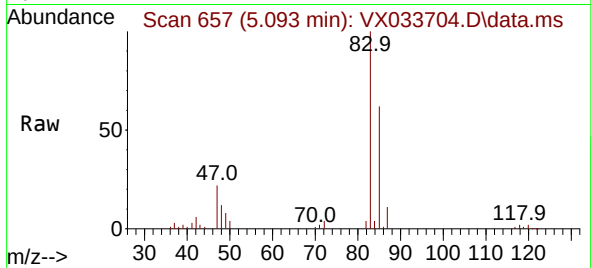
Tgt Ion: 73 Resp: 97932
Ion Ratio Lower Upper
73 100
43 21.0 18.1 27.1





#25
Chloroform
Concen: 20.740 ug/l
RT: 5.093 min Scan# 615
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

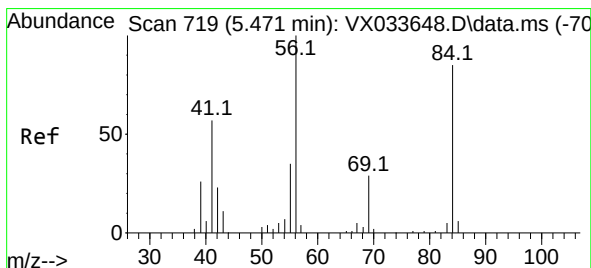
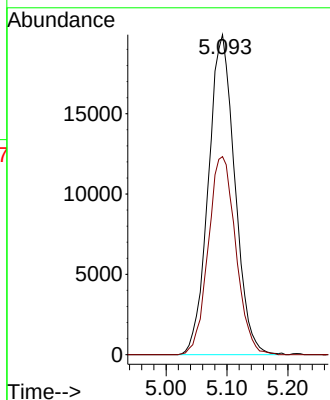
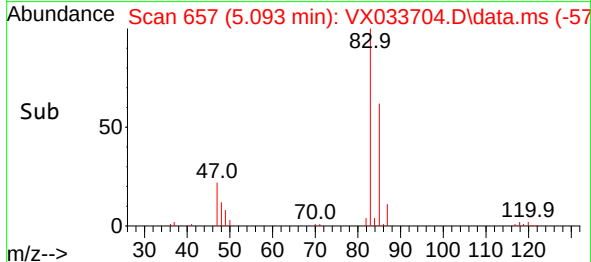
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 83 Resp: 60158
Ion Ratio Lower Upper
83 100
85 61.9 53.9 80.9

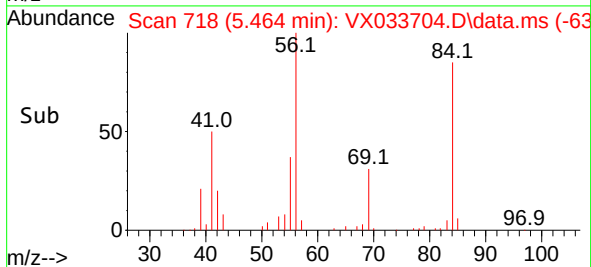
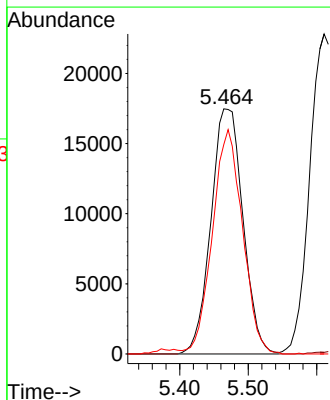
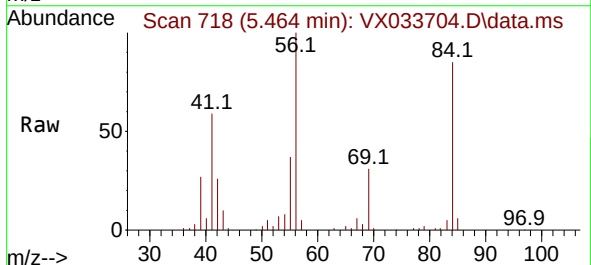
Manual Integrations
APPROVED

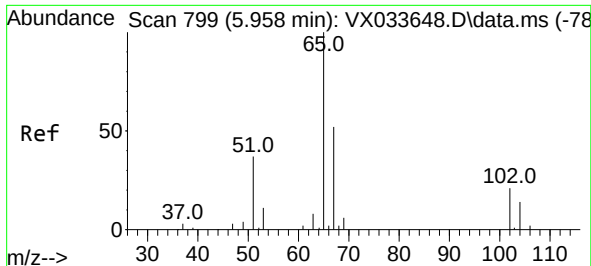
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#26
Cyclohexane
Concen: 21.373 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 56 Resp: 56689
Ion Ratio Lower Upper
56 100
89 0.3 0.0 0.0#
84 86.2 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 31.272 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 65 Resp: 3761

Ion Ratio Lower Upper

65 100

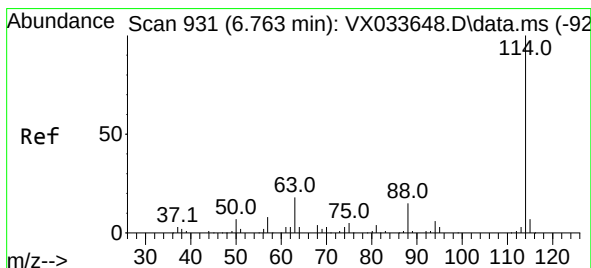
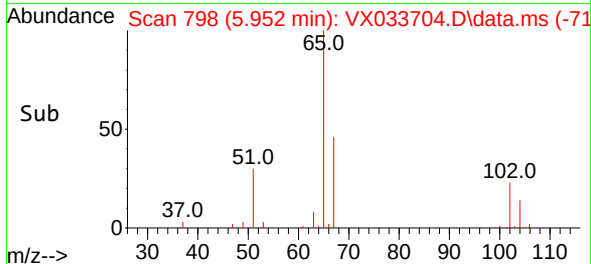
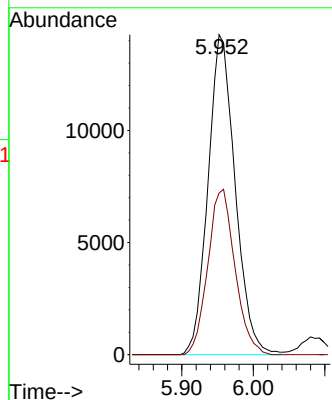
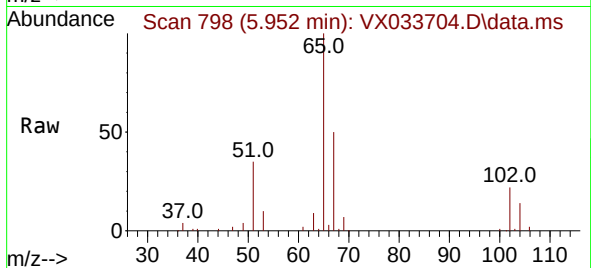
67 51.7 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

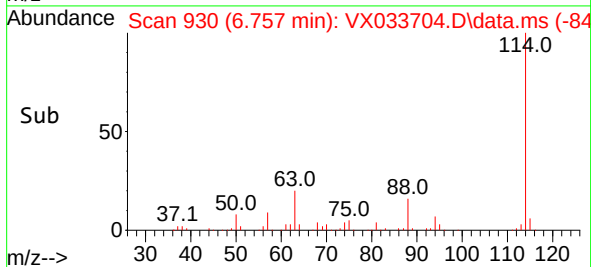
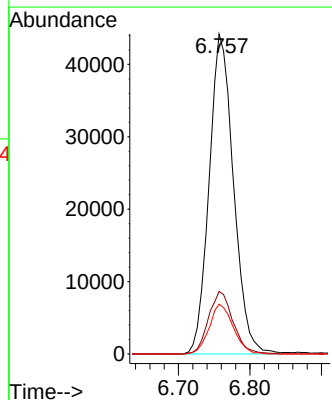
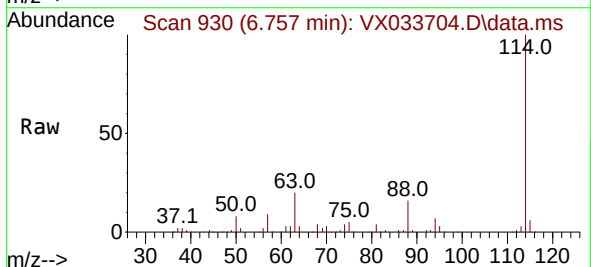
Tgt Ion:114 Resp: 104701

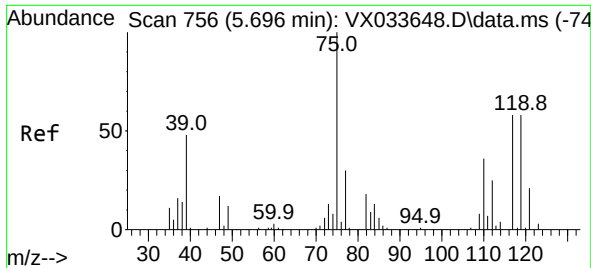
Ion Ratio Lower Upper

114 100

63 19.6 15.5 23.3

88 15.3 12.4 18.6





#29

1,1-Dichloropropene

Concen: 20.009 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 75 Resp: 45284

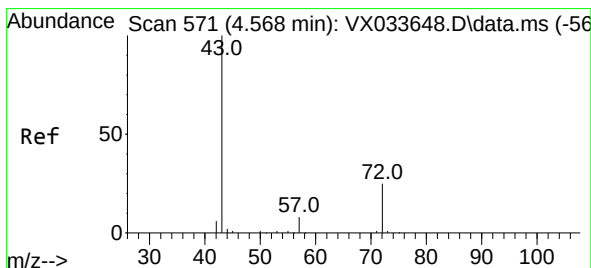
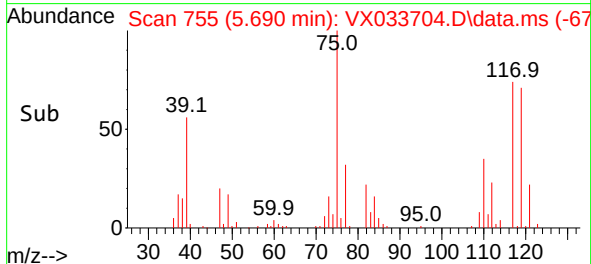
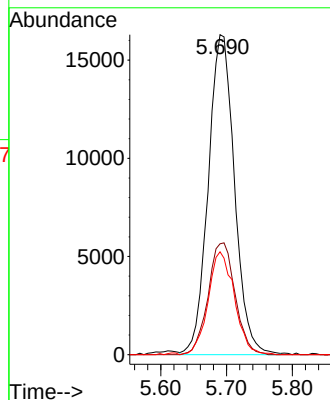
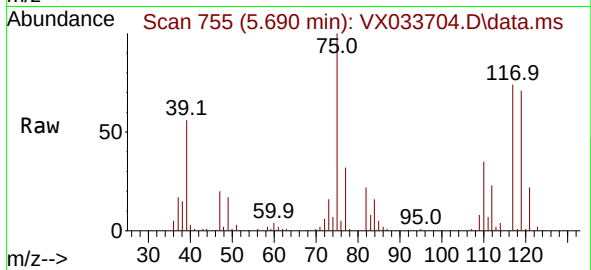
Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	71.4
77	32.1	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#30

2-Butanone

Concen: 102.018 ug/l

RT: 4.568 min Scan# 571

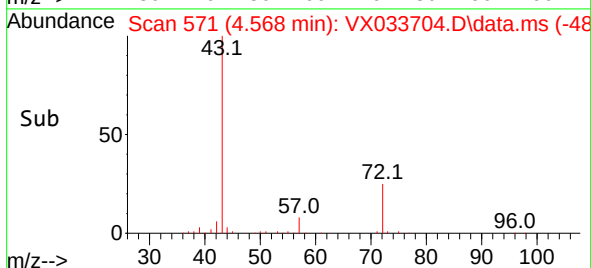
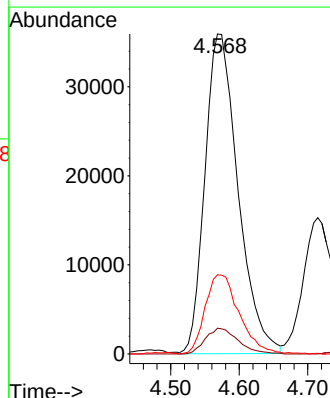
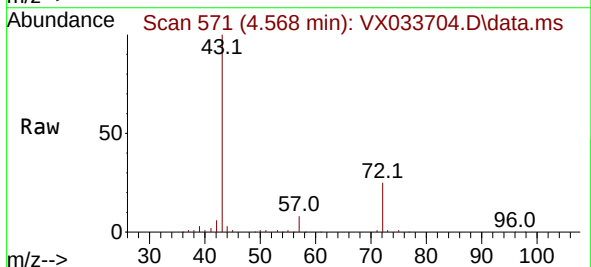
Delta R.T. -0.000 min

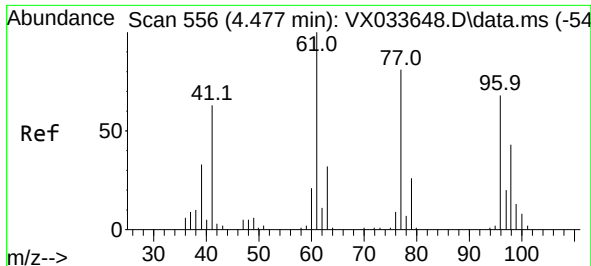
Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Tgt Ion: 43 Resp: 120573

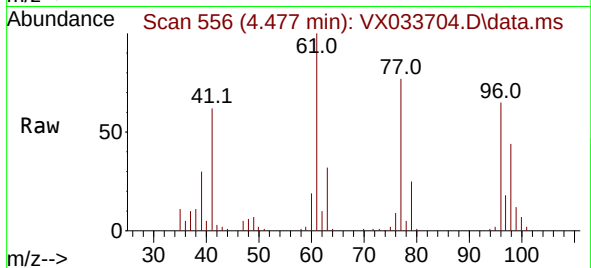
Ion	Ratio	Lower	Upper
43	100		
57	8.0	3.4	5.2#
72	25.4	19.8	29.6





#31
2,2-Dichloropropane
Concen: 20.928 ug/l
RT: 4.477 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

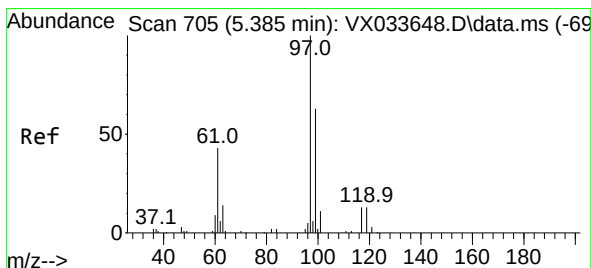
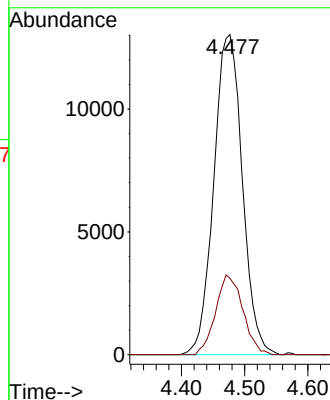
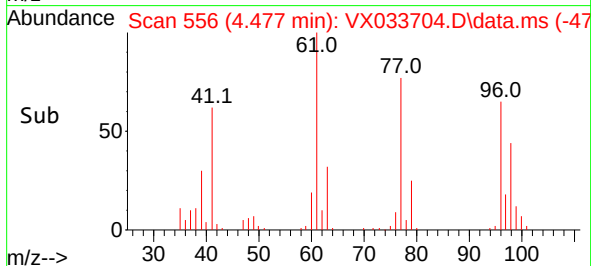
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 77 Resp: 40779
Ion Ratio Lower Upper
77 100
97 23.8 19.0 28.6

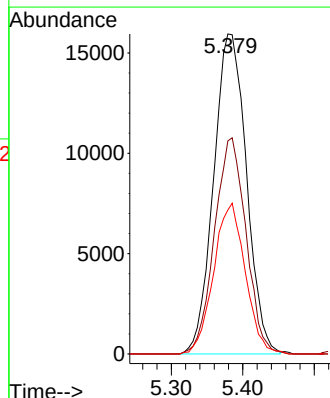
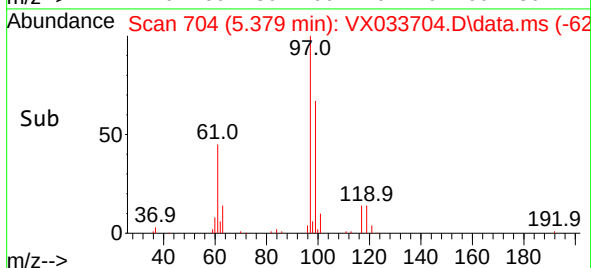
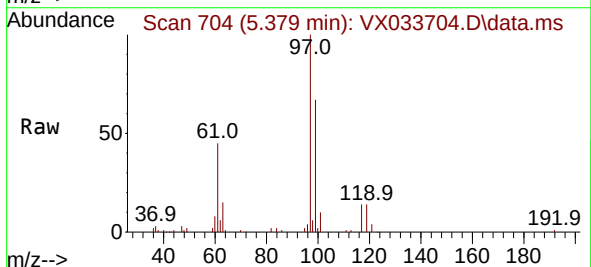
Manual Integrations
APPROVED

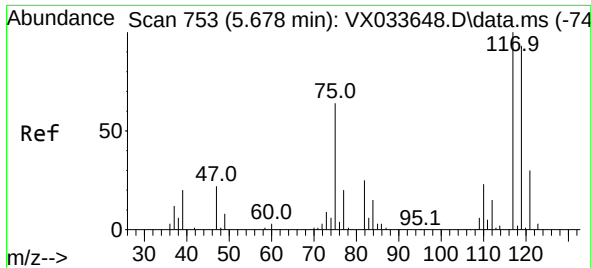
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#32
1,1,1-Trichloroethane
Concen: 19.255 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

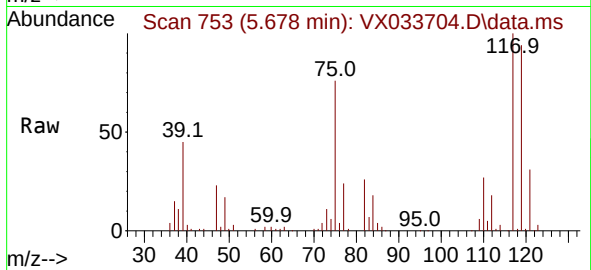
Tgt Ion: 97 Resp: 50877
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 45.4 35.4 53.2





#33
Carbon Tetrachloride
Concen: 19.535 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

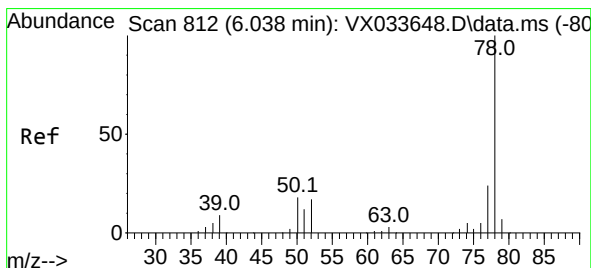
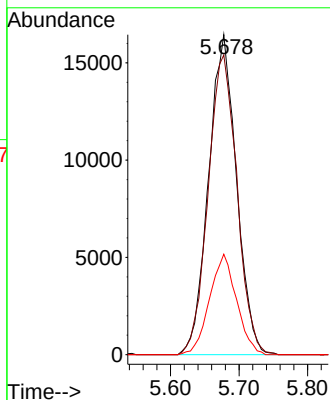
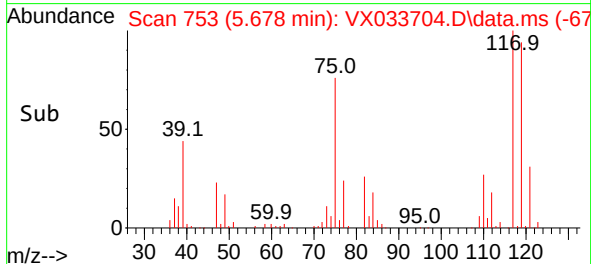
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



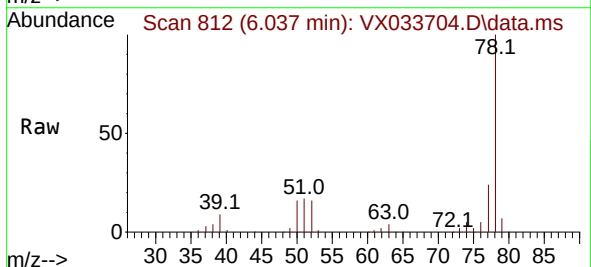
Tgt Ion:117 Resp: 4658
Ion Ratio Lower Upper
117 100
119 93.7 74.8 112.2
121 31.4 23.8 35.8

Manual Integrations
APPROVED

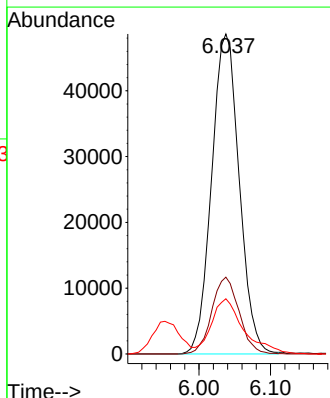
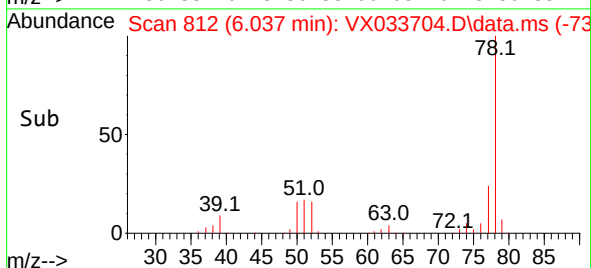
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

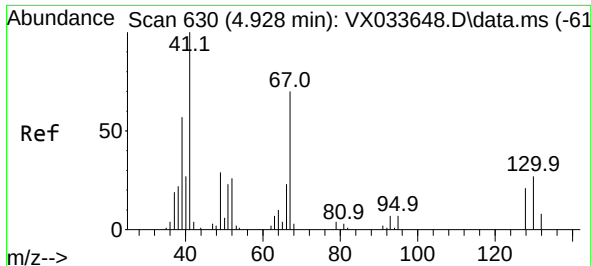


#34
Benzene
Concen: 19.851 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



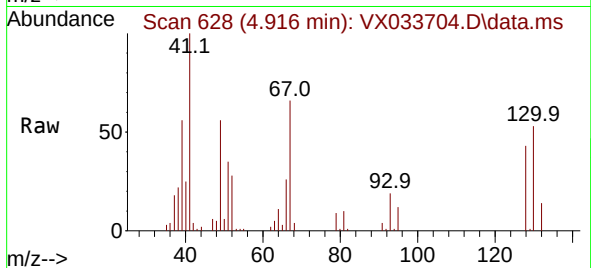
Tgt Ion: 78 Resp: 130517
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3
51 15.9 13.0 19.6





#35
Methacrylonitrile
Concen: 19.347 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

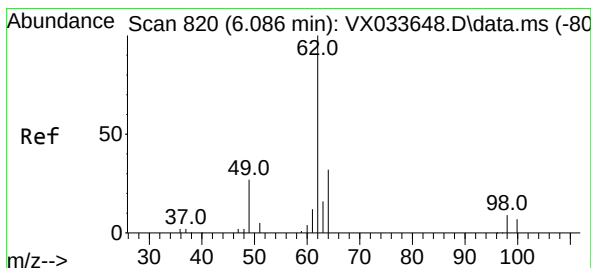
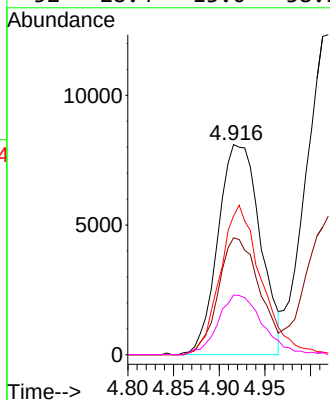
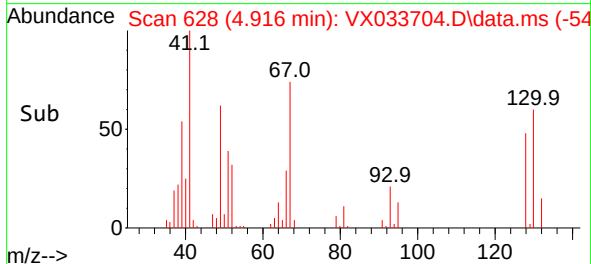
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion:	41	Resp:	2605
Ion	Ratio	Lower	Upper
41	100		
39	55.6	28.6	85.9
67	66.0	34.8	104.3
52	28.4	13.0	38.9

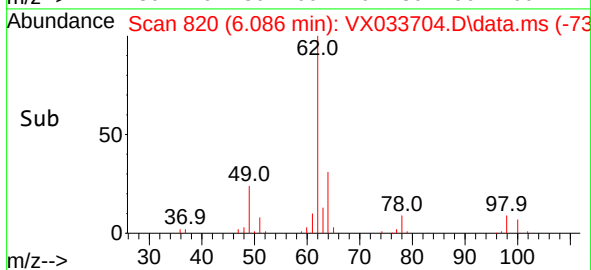
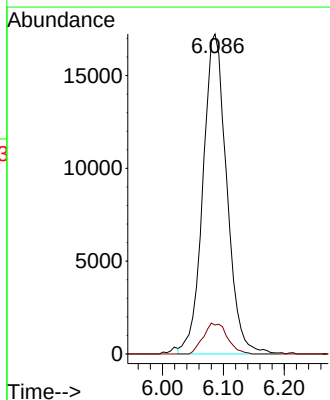
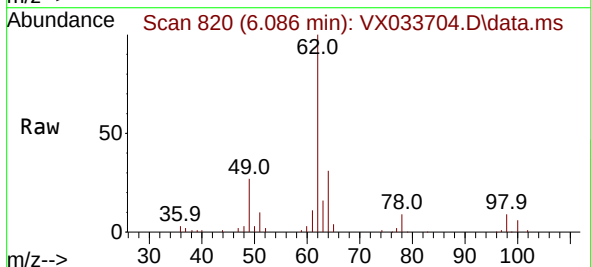
Manual Integrations
APPROVED

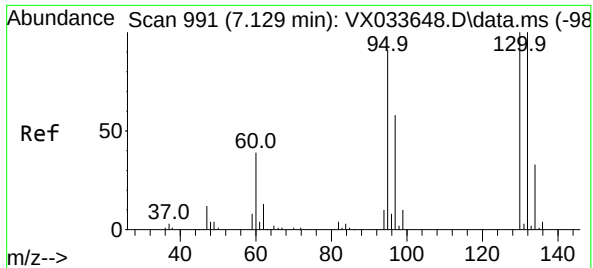
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#36
1,2-Dichloroethane
Concen: 19.594 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion:	62	Resp:	46832
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.4	11.0





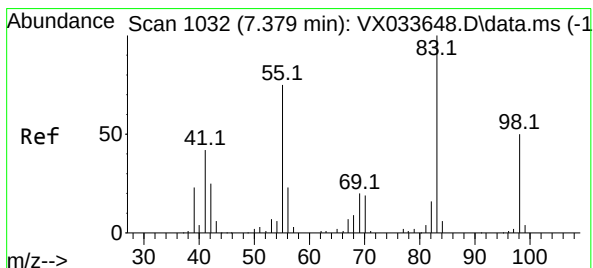
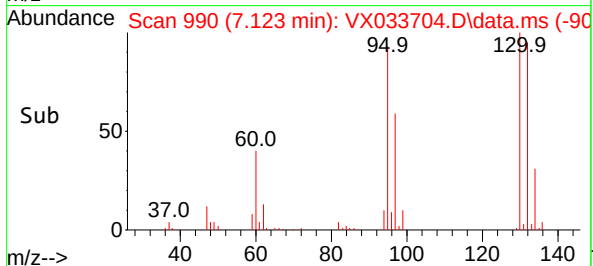
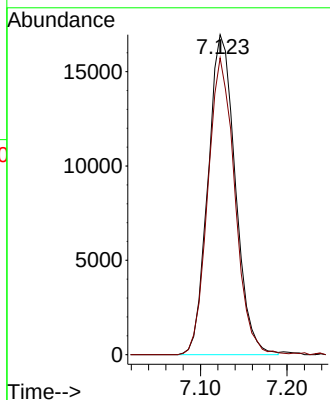
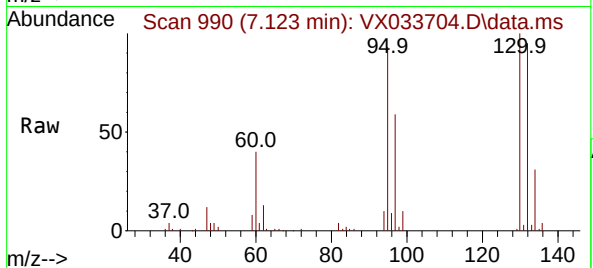
#37
Trichloroethene
Concen: 19.598 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion:130 Resp: 37160
Ion Ratio Lower Upper
130 100
95 92.7 73.1 109.7

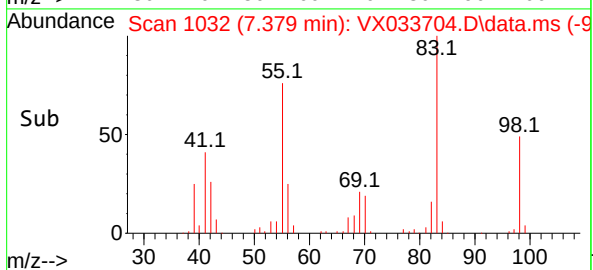
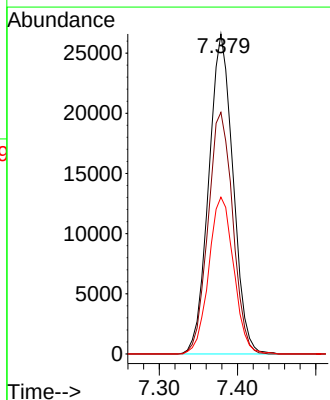
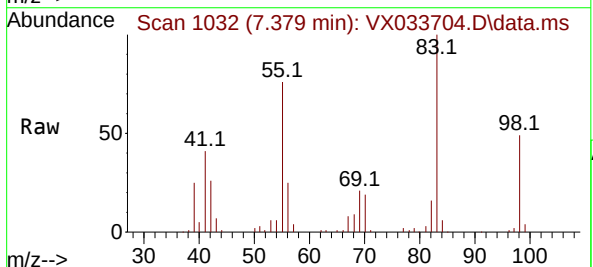
Manual Integrations
APPROVED

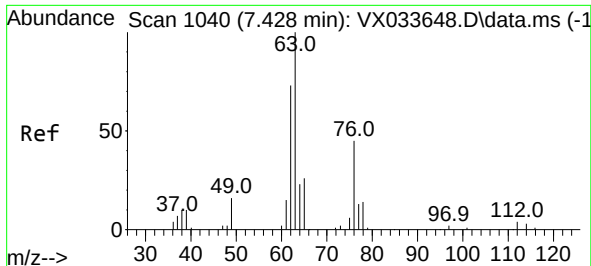
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#38
Methylcyclohexane
Concen: 20.377 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 83 Resp: 57345
Ion Ratio Lower Upper
83 100
55 76.7 38.6 115.7
98 50.2 25.3 75.8





#39

1,2-Dichloropropane

Concen: 19.548 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 63 Resp: 3284

Ion Ratio Lower Upper

63 100

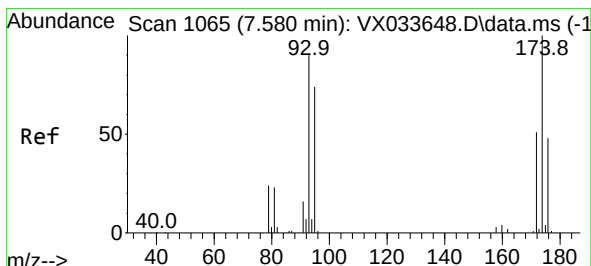
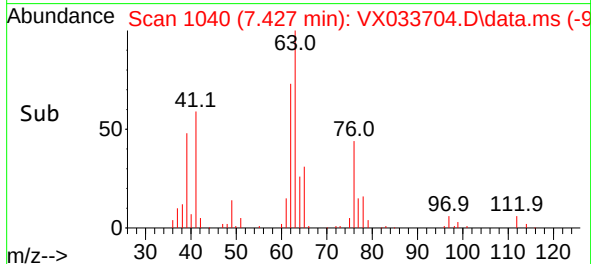
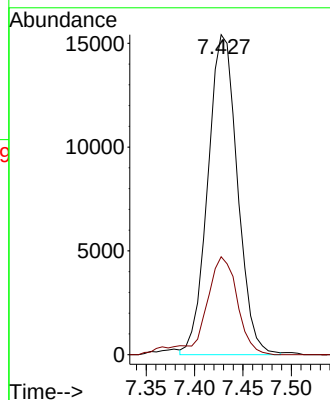
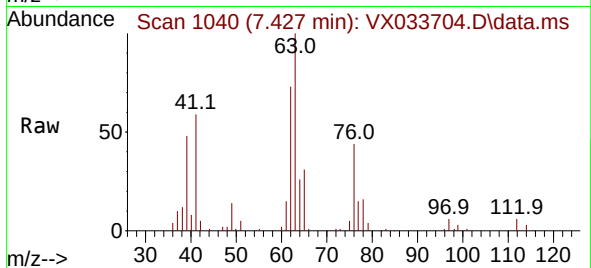
65 30.8 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#40

Dibromomethane

Concen: 19.761 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

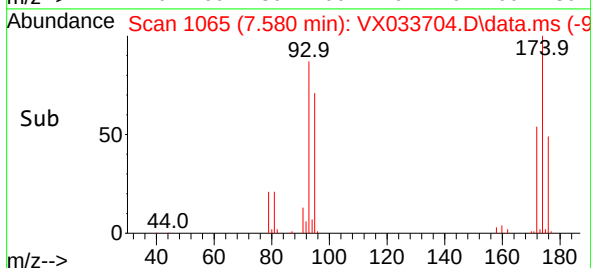
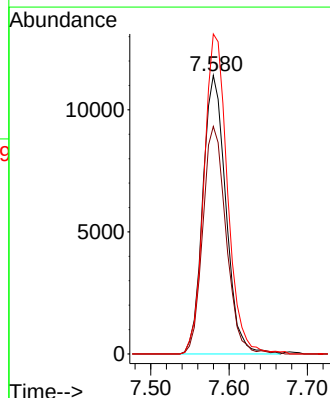
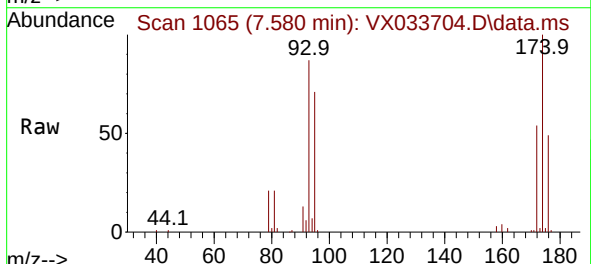
Tgt Ion: 93 Resp: 23335

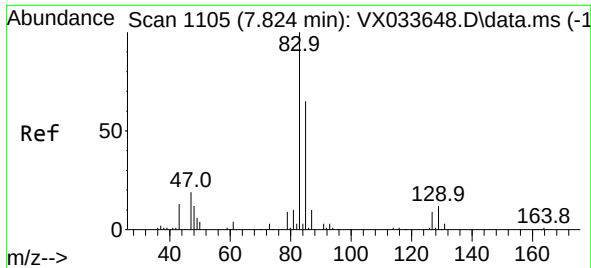
Ion Ratio Lower Upper

93 100

95 81.8 0.0 166.4

174 116.9 0.0 233.8





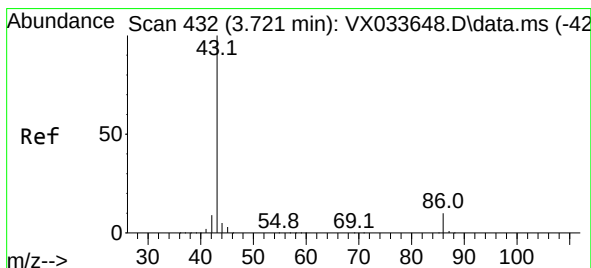
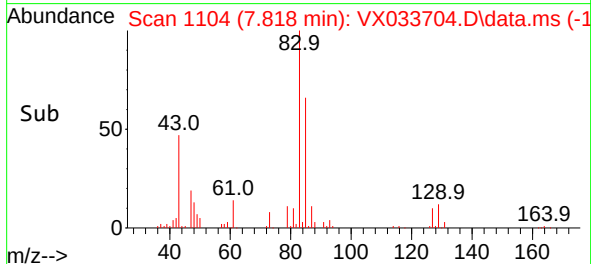
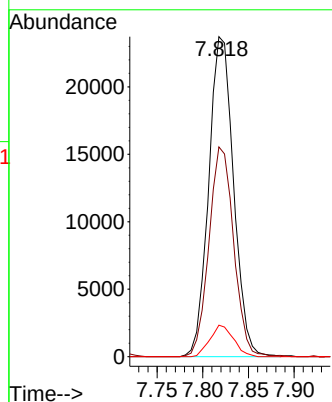
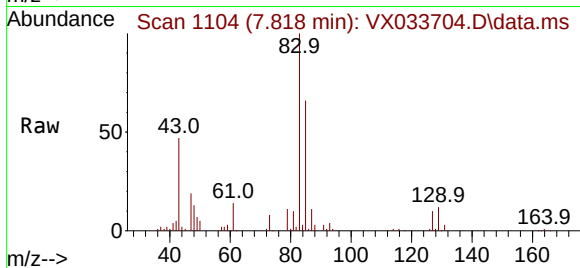
#41
Bromodichloromethane
Concen: 19.583 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion: 83 Resp: 4485
Ion Ratio Lower Upper
83 100
85 65.6 52.0 78.0
127 9.8 7.4 11.0

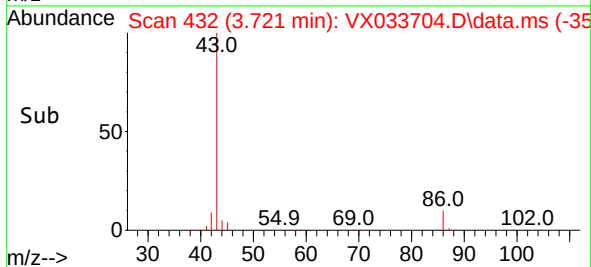
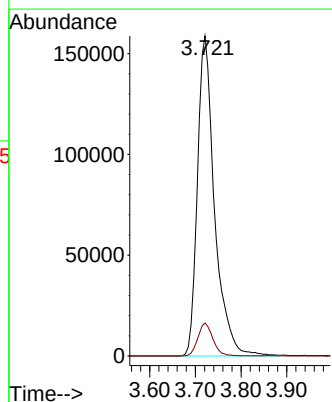
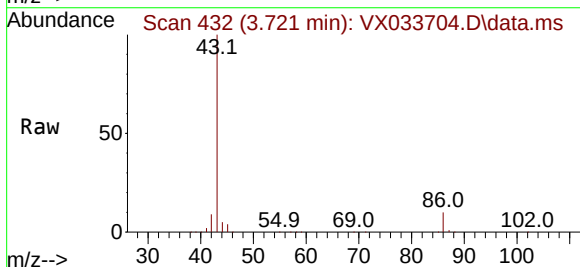
Manual Integrations
APPROVED

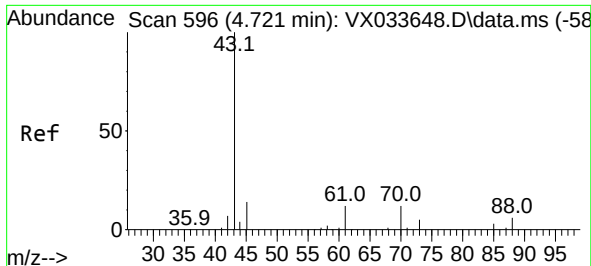
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#42
Vinyl Acetate
Concen: 97.942 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 43 Resp: 413662
Ion Ratio Lower Upper
43 100
86 9.0 7.2 10.8





#43

Ethyl Acetate

Concen: 19.896 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 43 Resp: 4818

Ion Ratio Lower Upper

43 100

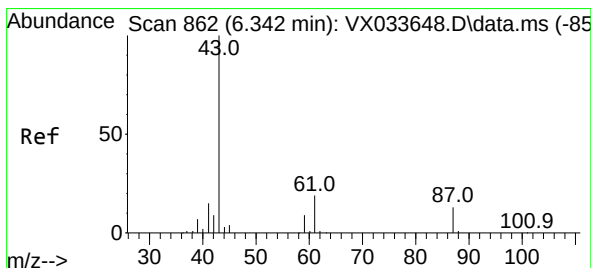
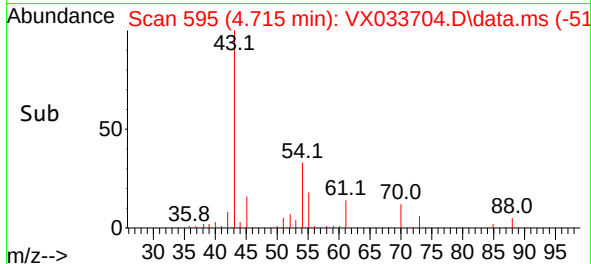
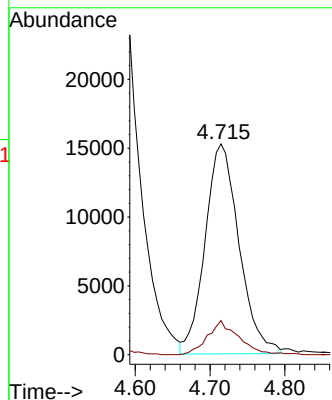
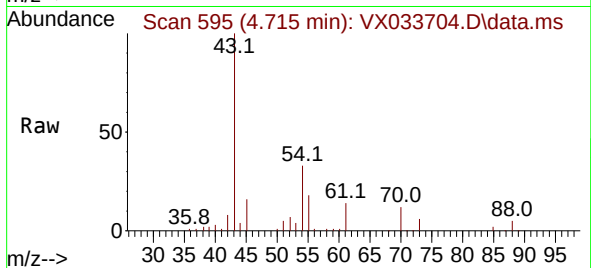
45 14.6 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#44

Isopropyl Acetate

Concen: 18.603 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX033704.D

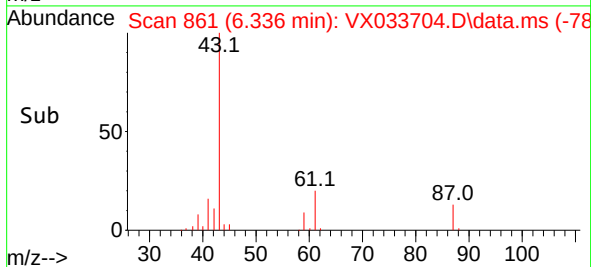
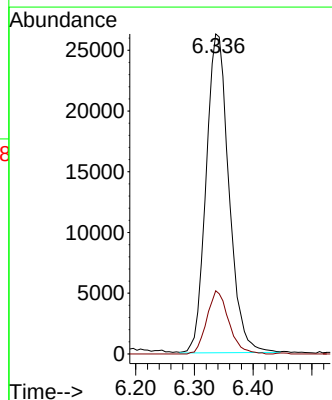
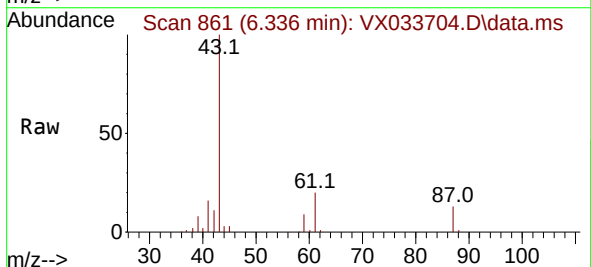
Acq: 12 Jan 2023 11:37

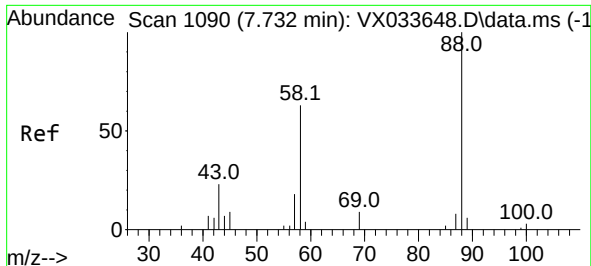
Tgt Ion: 43 Resp: 70682

Ion Ratio Lower Upper

43 100

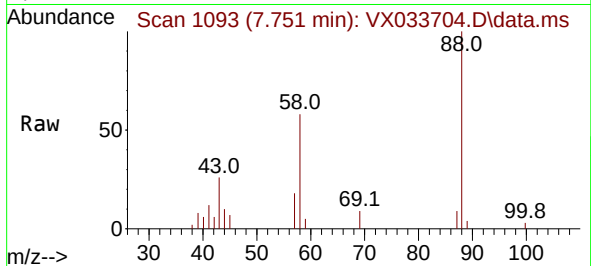
61 19.0 15.4 23.2





#45
1,4-Dioxane
Concen: 421.176 ug/l m
RT: 7.751 min Scan# 1093
Delta R.T. 0.018 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

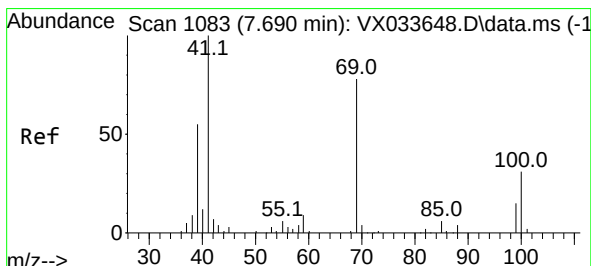
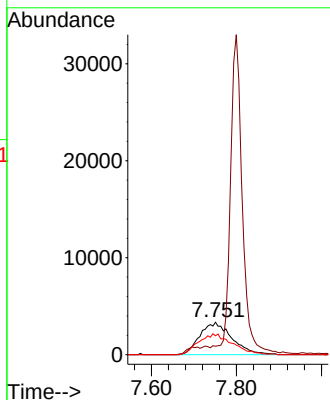
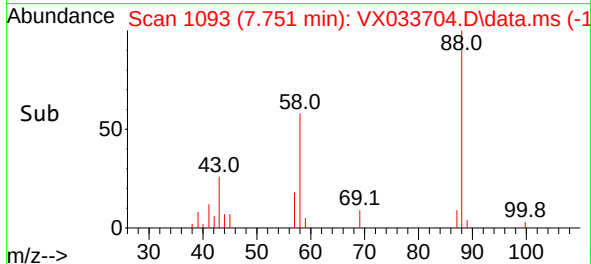
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



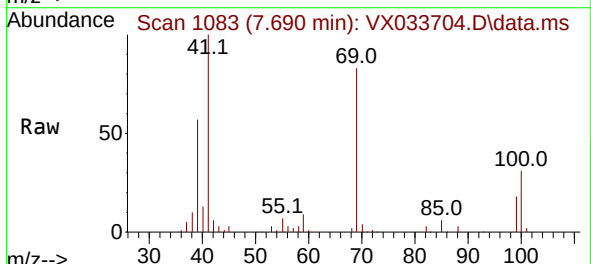
Tgt Ion: 88 Resp: 17458
Ion Ratio Lower Upper
88 100
43 3.7 1.2 1.8
58 42.8 8.5 12.7

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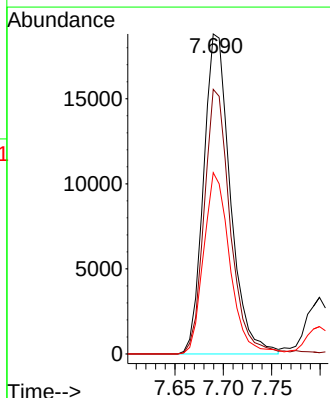
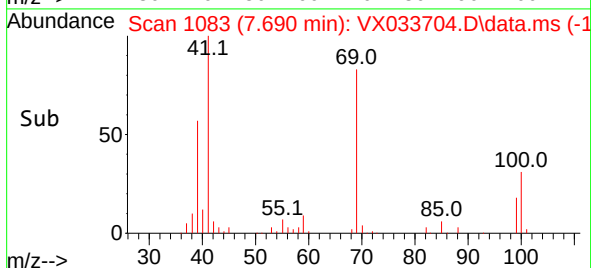
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

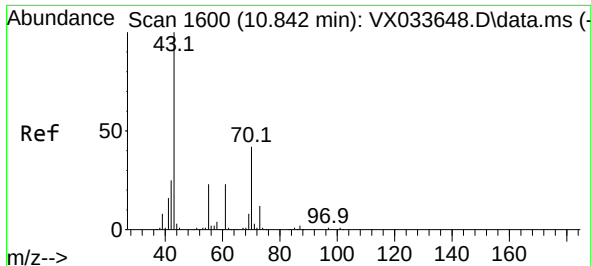


#46
Methyl methacrylate
Concen: 18.871 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



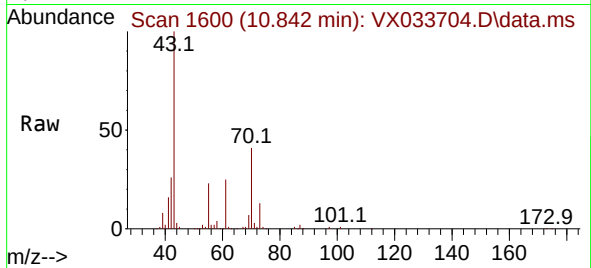
Tgt Ion: 41 Resp: 36301
Ion Ratio Lower Upper
41 100
69 82.7 39.1 117.3
39 56.6 27.7 83.0





#47
n-amy1 Acetate
Concen: 18.908 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

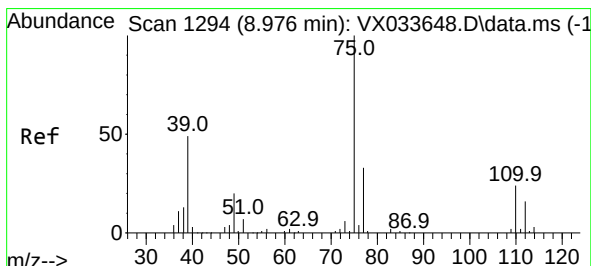
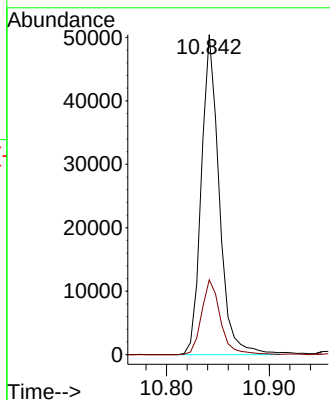
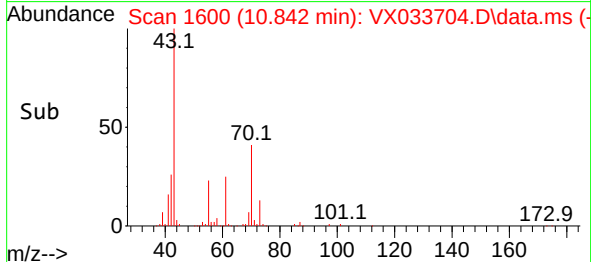
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 43 Resp: 6116
Ion Ratio Lower Upper
43 100
55 24.6 19.3 28.9

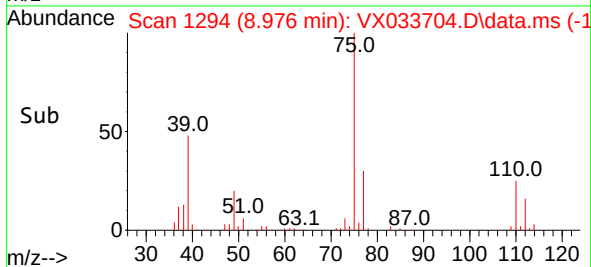
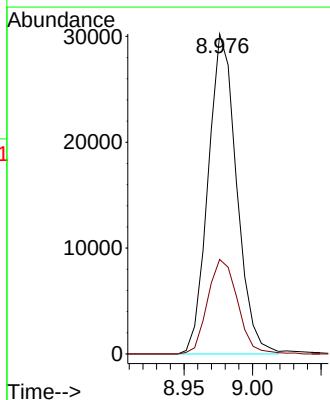
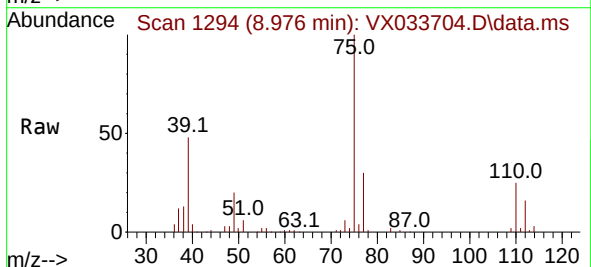
Manual Integrations
APPROVED

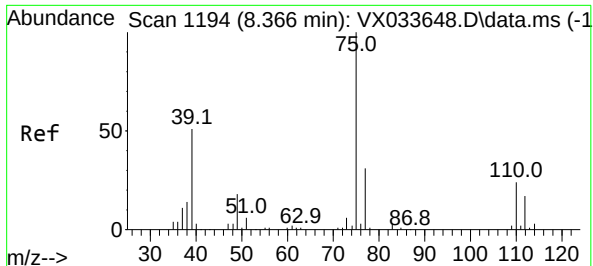
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#48
t-1,3-Dichloropropene
Concen: 18.675 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 75 Resp: 43706
Ion Ratio Lower Upper
75 100
77 29.5 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 19.406 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 75 Resp: 5044

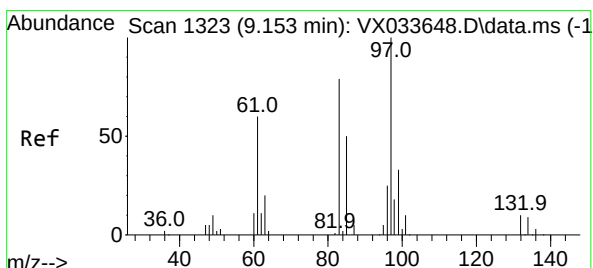
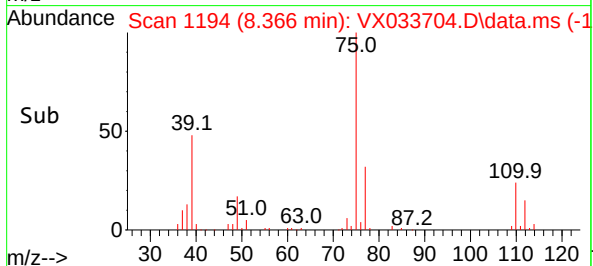
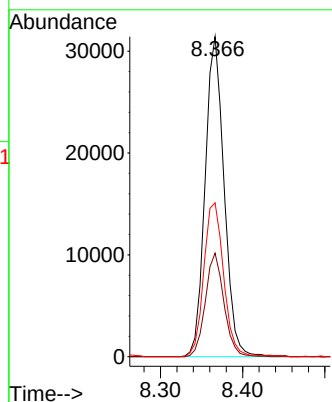
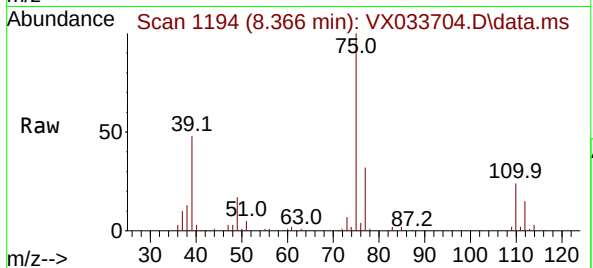
Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.7	37.1
39	48.1	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

1,1,2-Trichloroethane

Concen: 19.642 ug/l

RT: 9.153 min Scan# 1323

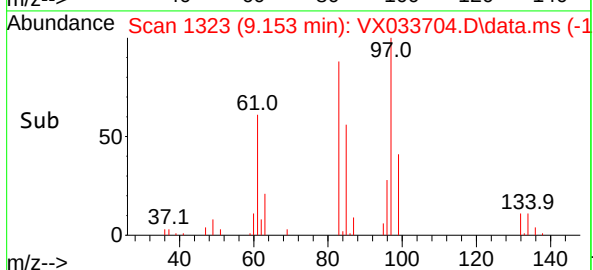
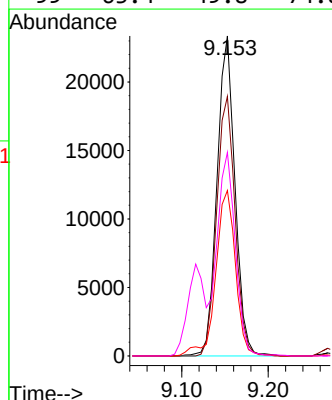
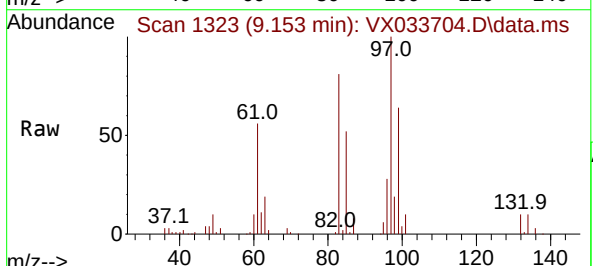
Delta R.T. -0.000 min

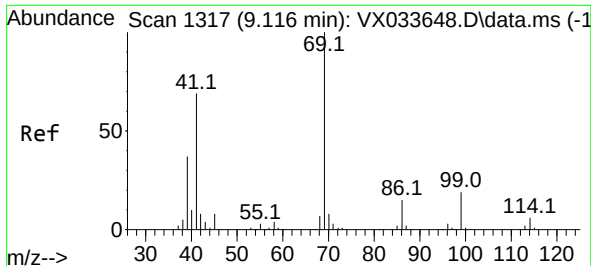
Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Tgt Ion: 97 Resp: 33668

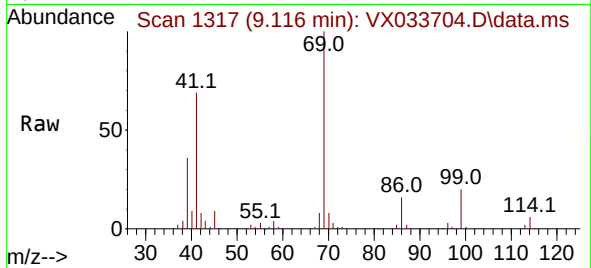
Ion	Ratio	Lower	Upper
97	100		
83	81.1	63.0	94.4
85	51.7	42.8	64.2
99	63.4	49.8	74.8





#51
Ethyl methacrylate
Concen: 18.793 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

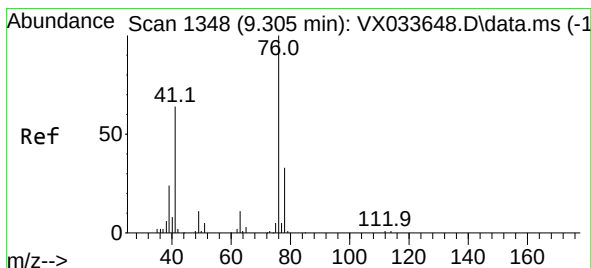
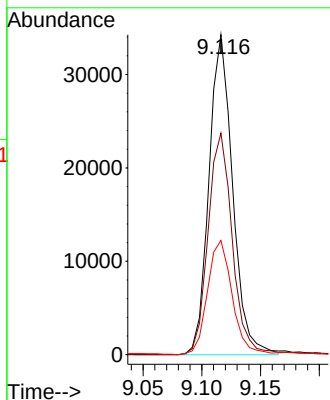
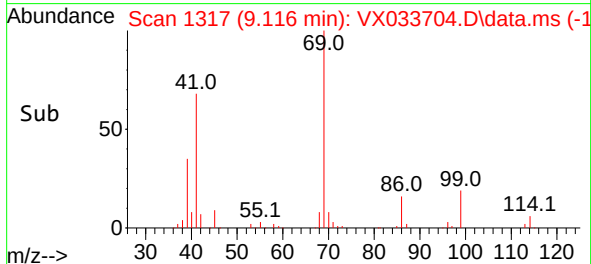
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 69 Resp: 4803
Ion Ratio Lower Upper
69 100
41 69.3 34.3 102.9
39 35.7 18.3 54.9

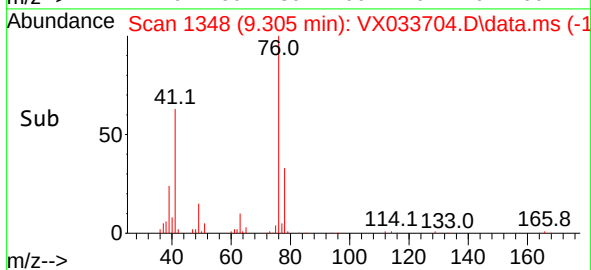
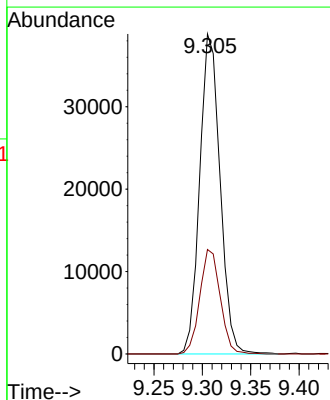
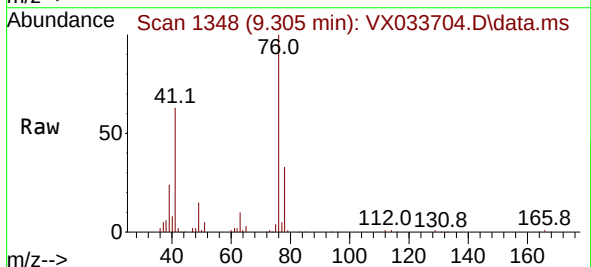
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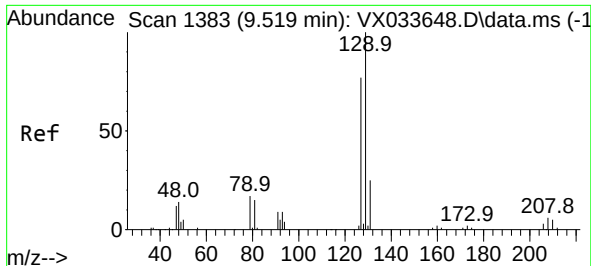
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#52
1,3-Dichloropropane
Concen: 19.859 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

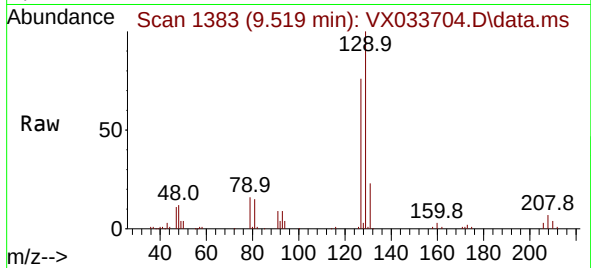
Tgt Ion: 76 Resp: 57014
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.6





#53
Dibromochloromethane
Concen: 19.486 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

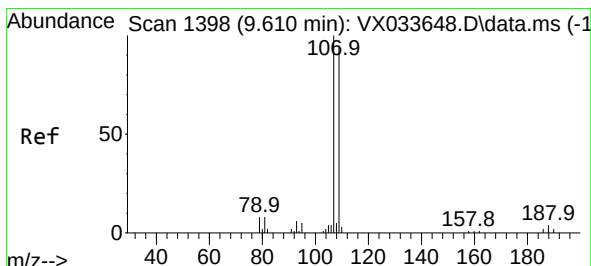
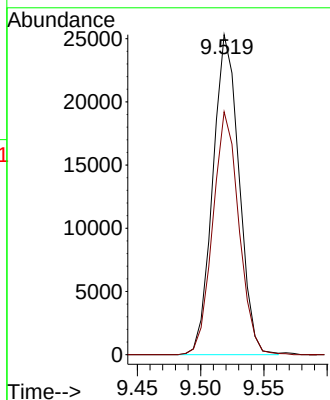
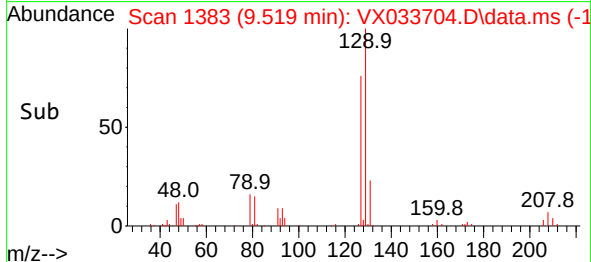
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion:129 Resp: 3640
Ion Ratio Lower Upper
129 100
127 75.7 39.8 119.4

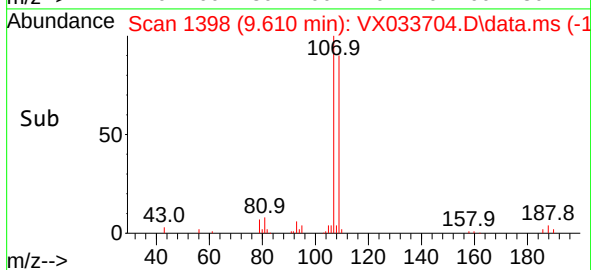
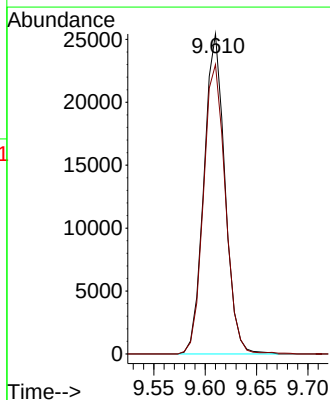
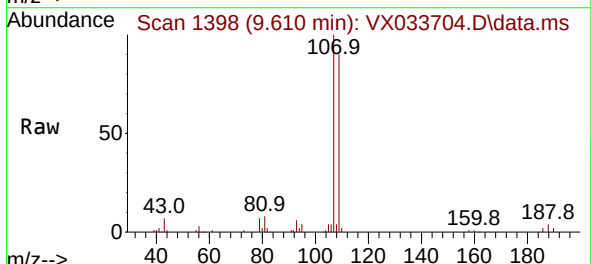
Manual Integrations
APPROVED

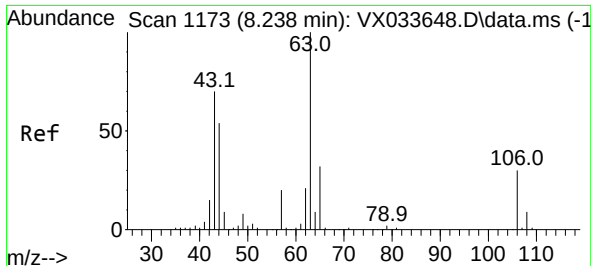
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#54
1,2-Dibromoethane
Concen: 19.756 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion:107 Resp: 36192
Ion Ratio Lower Upper
107 100
109 94.2 76.4 114.6





#55

2-Chloroethyl vinyl ether

Concen: 90.675 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 63 Resp: 112040

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4

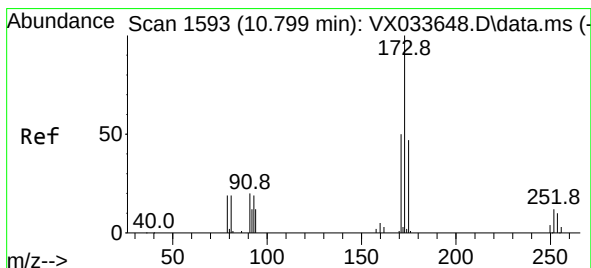
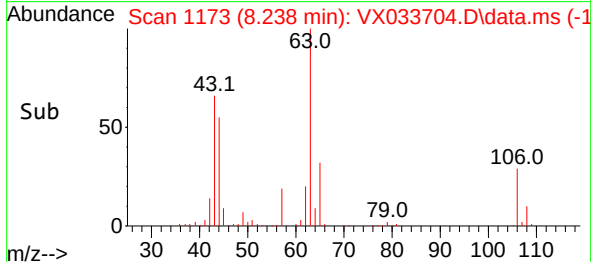
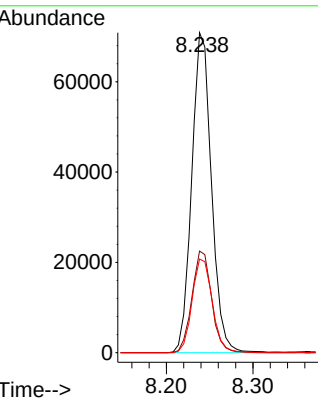
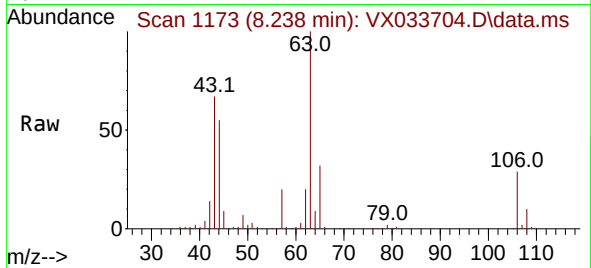
106 29.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#56

Bromoform

Concen: 18.938 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

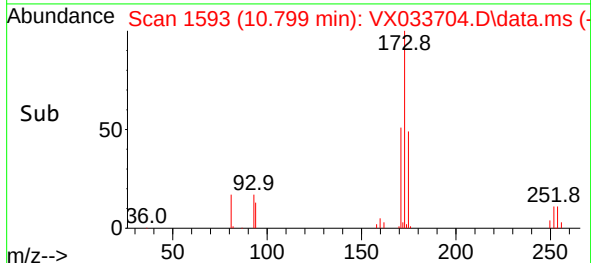
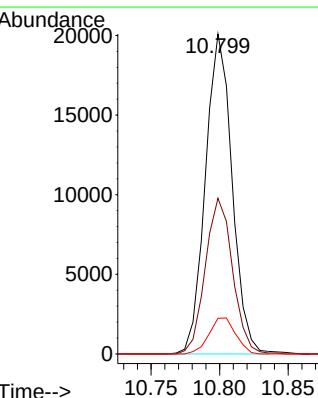
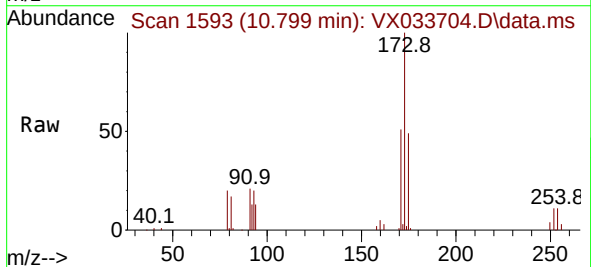
Tgt Ion:173 Resp: 27165

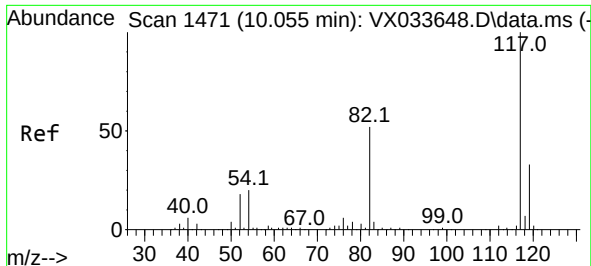
Ion Ratio Lower Upper

173 100

175 49.8 38.2 57.4

254 11.3 8.6 13.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 117 Resp: 116134

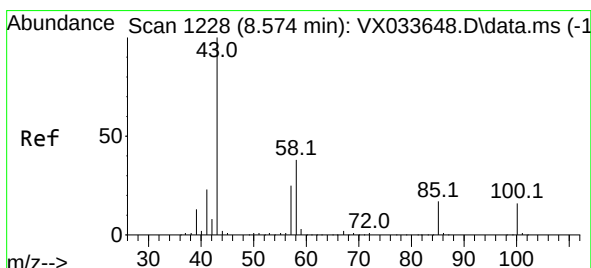
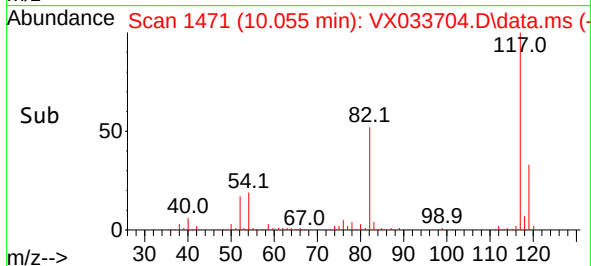
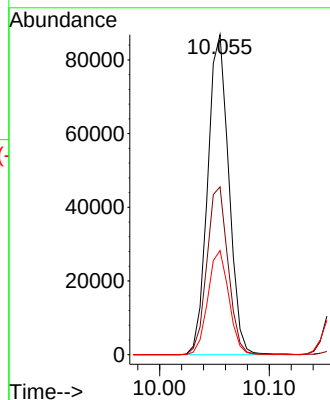
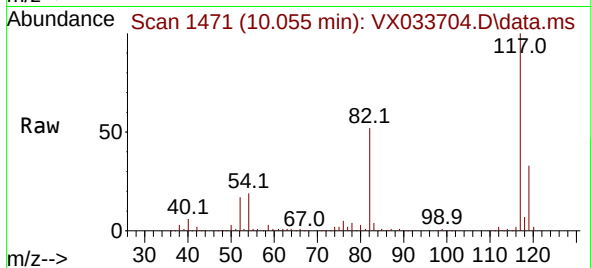
Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.9	62.9
119	32.5	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#58

4-Methyl-2-Pentanone

Concen: 100.635 ug/l

RT: 8.574 min Scan# 1228

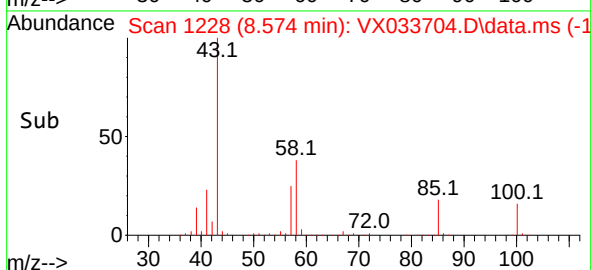
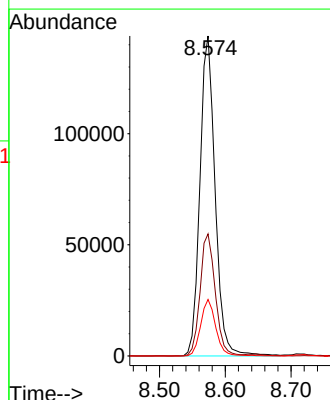
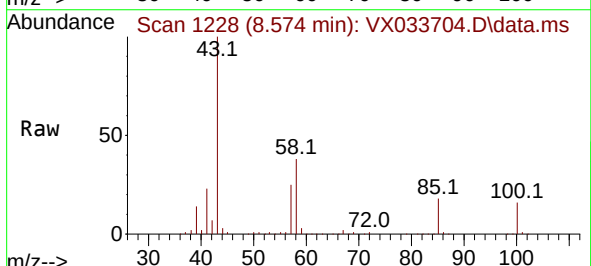
Delta R.T. -0.000 min

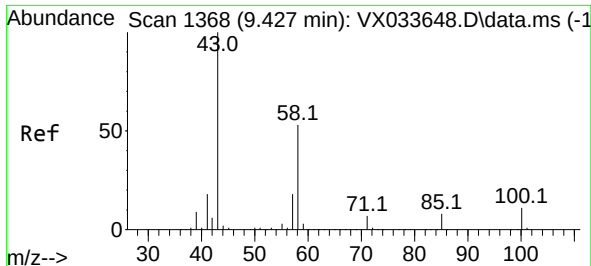
Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Tgt Ion: 43 Resp: 232159

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.2	45.4
85	17.4	13.8	20.8





#59

2-Hexanone

Concen: 101.217 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion: 43 Resp: 17184

Ion Ratio Lower Upper

43 100

58 53.2 42.9 64.3

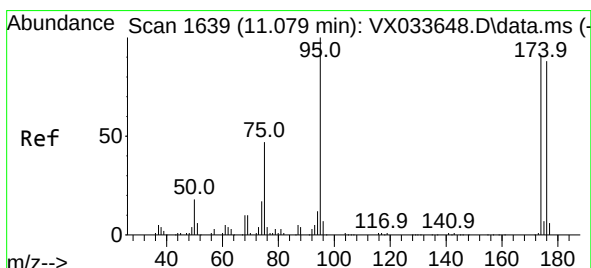
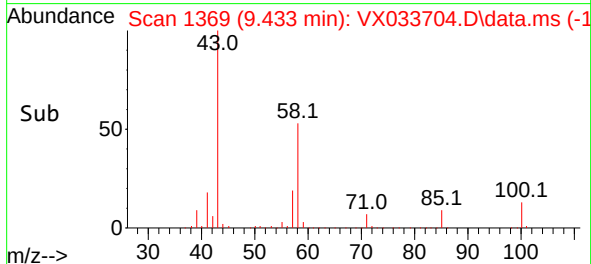
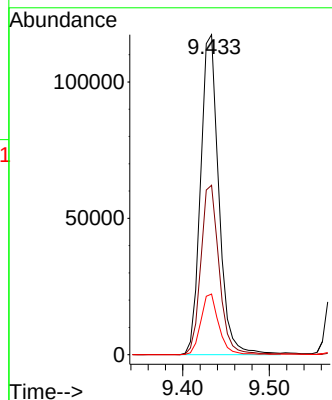
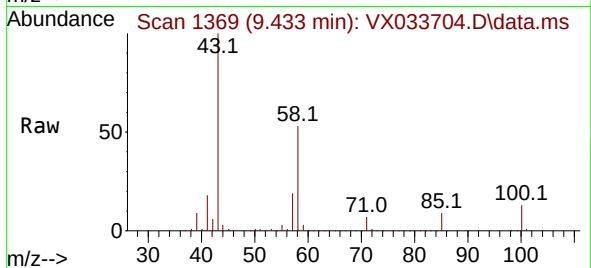
57 18.5 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#60

4-Bromofluorobenzene

Concen: 30.553 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

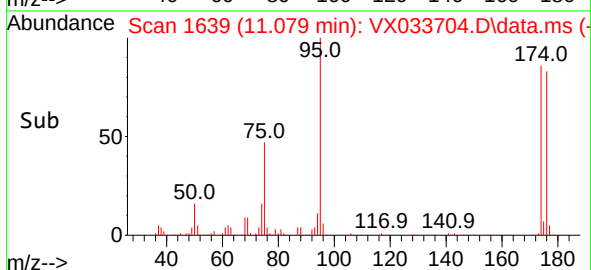
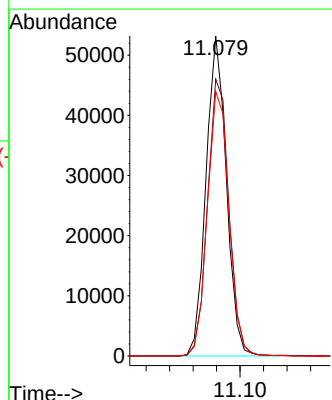
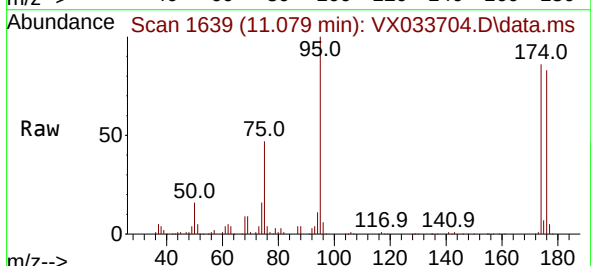
Tgt Ion: 95 Resp: 63950

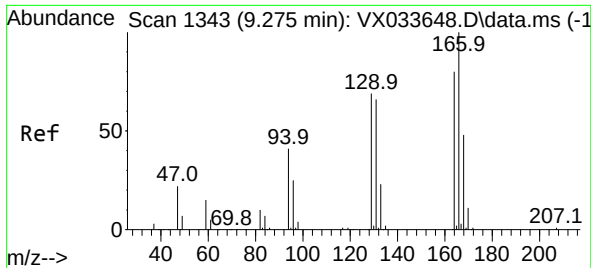
Ion Ratio Lower Upper

95 100

174 91.1 73.7 110.5

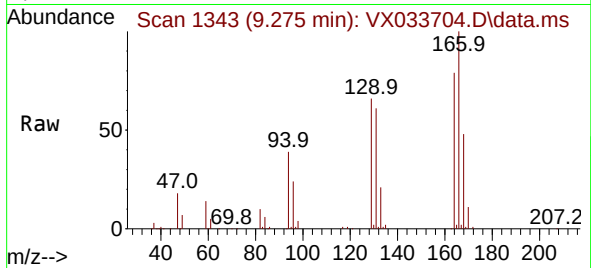
176 87.6 71.0 106.4





#61
Tetrachloroethene
Concen: 20.241 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

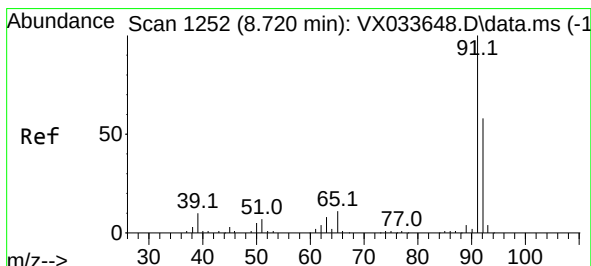
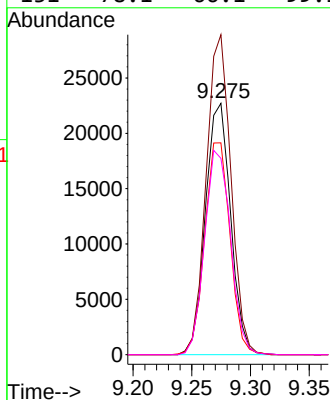
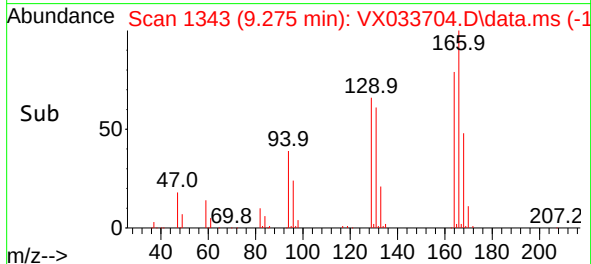
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



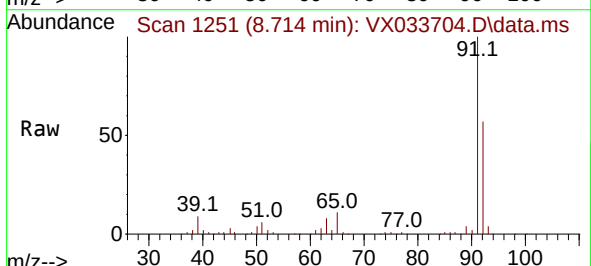
Tgt Ion:164 Resp: 33910
Ion Ratio Lower Upper
164 100
166 127.3 100.2 150.4
129 84.3 68.8 103.2
131 78.1 66.1 99.1

Manual Integrations
APPROVED

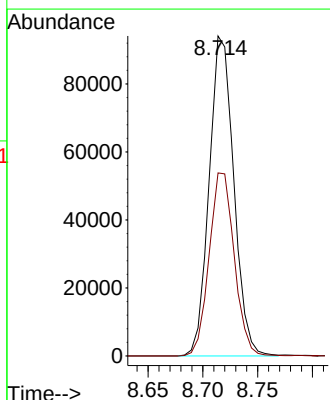
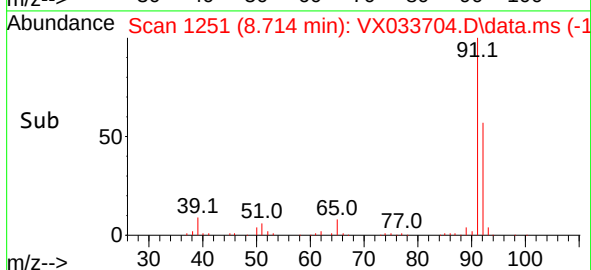
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

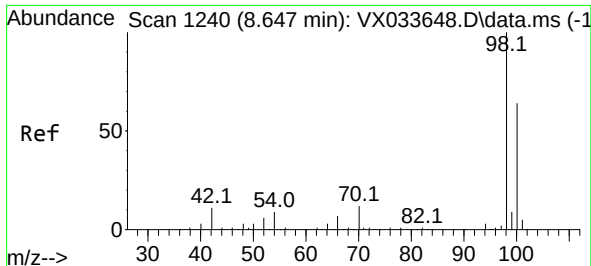


#62
Toluene
Concen: 20.118 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



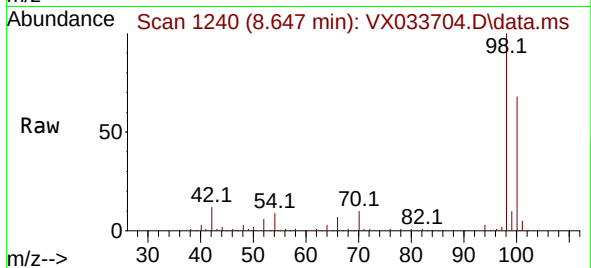
Tgt Ion: 91 Resp: 147071
Ion Ratio Lower Upper
91 100
92 58.5 45.8 68.8





#63
Toluene-d8
Concen: 30.316 ug/l
RT: 8.647 min Scan# 112679
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

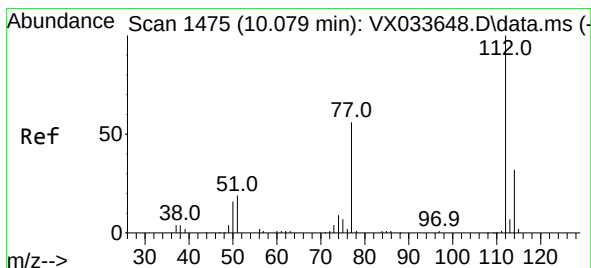
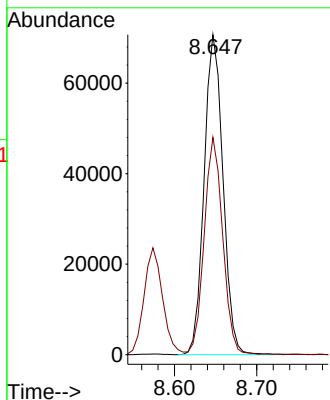
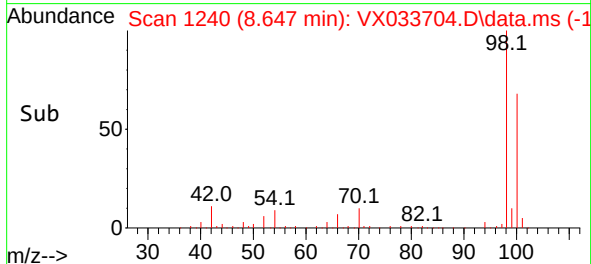
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 98 Resp: 112679
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

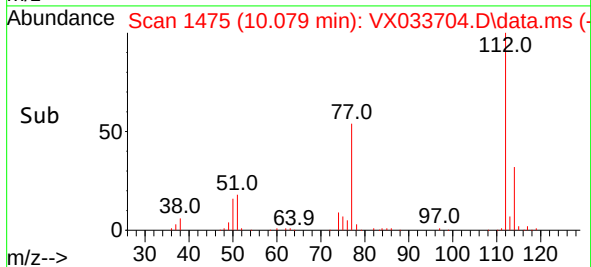
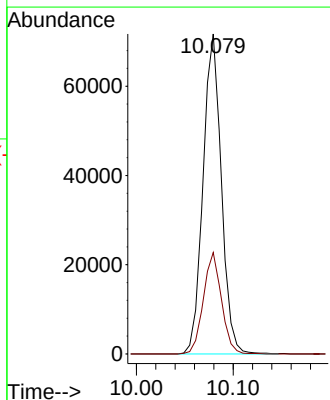
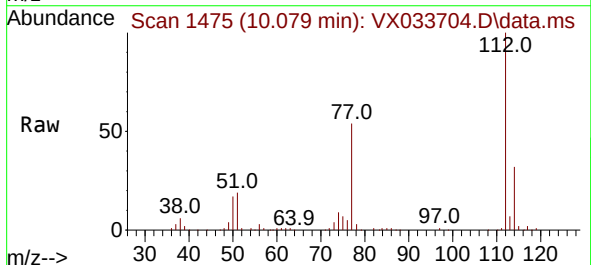
Manual Integrations
APPROVED

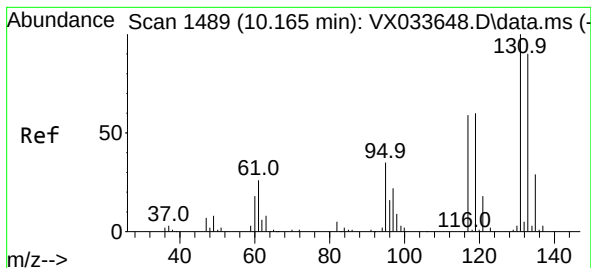
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#64
Chlorobenzene
Concen: 20.080 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

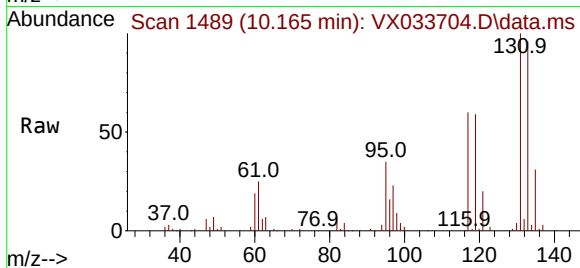
Tgt Ion:112 Resp: 94547
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.680 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

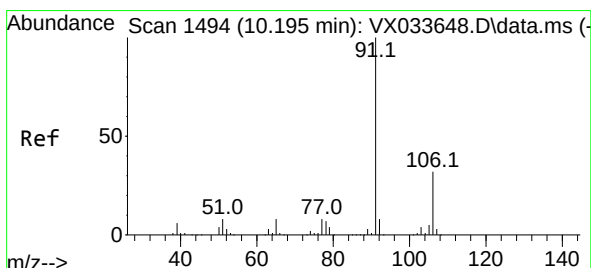
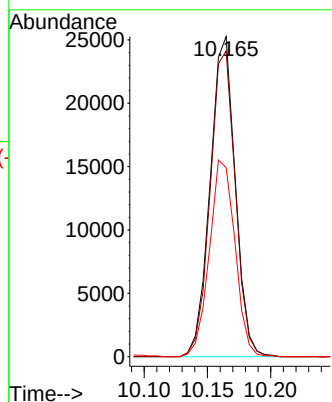
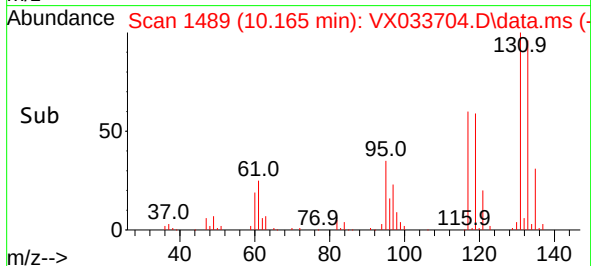
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion:131 Resp: 34870
Ion Ratio Lower Upper
131 100
133 95.8 0.0 187.6
119 62.7 0.0 124.0

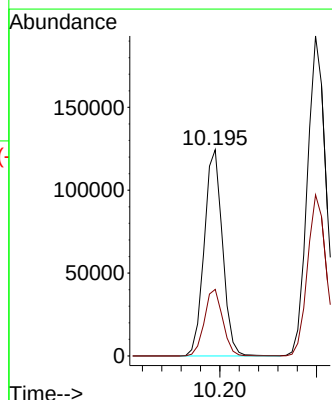
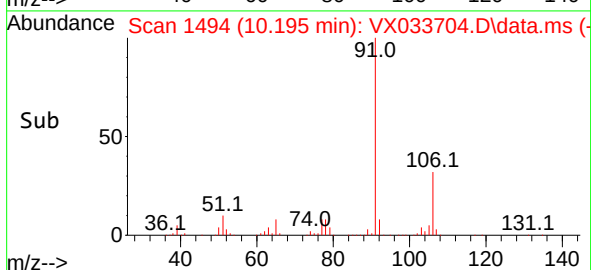
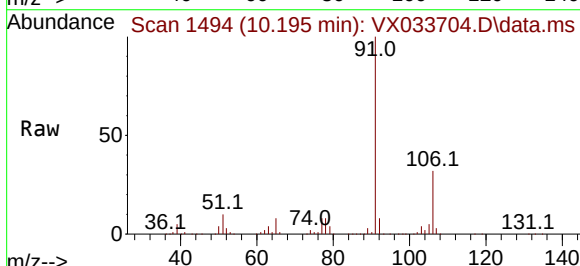
Manual Integrations
APPROVED

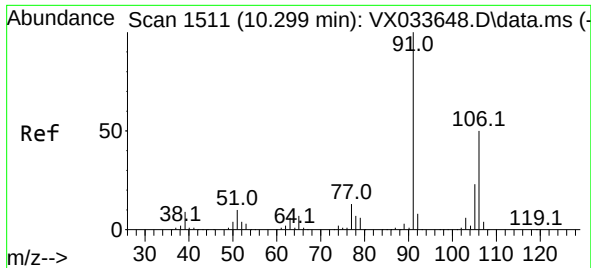
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#66
Ethyl Benzene
Concen: 20.070 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 91 Resp: 163626
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8





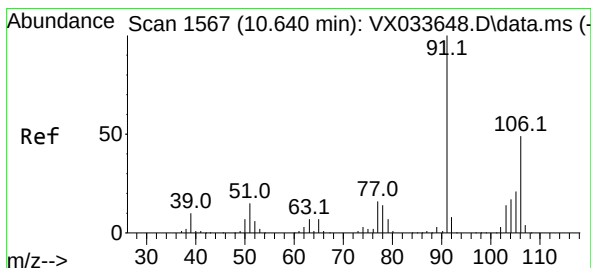
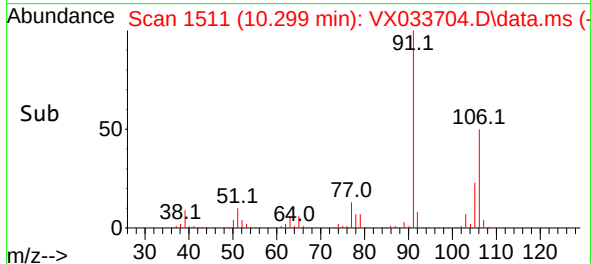
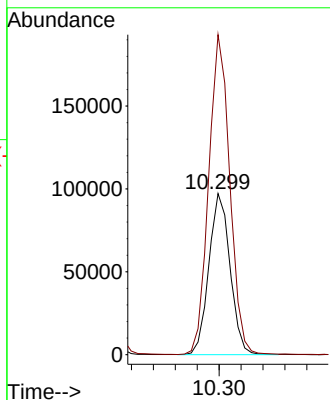
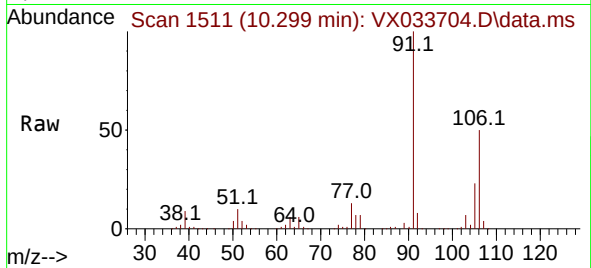
#67
m/p-Xylenes
Concen: 40.616 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion:106 Resp: 130688
Ion Ratio Lower Upper
106 100
91 197.3 157.3 235.9

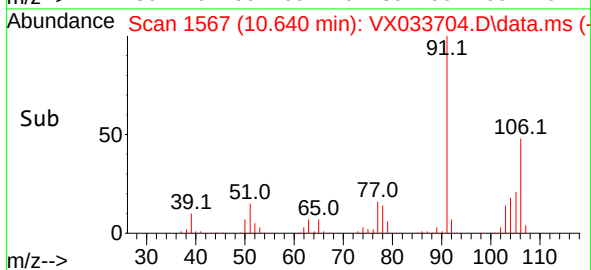
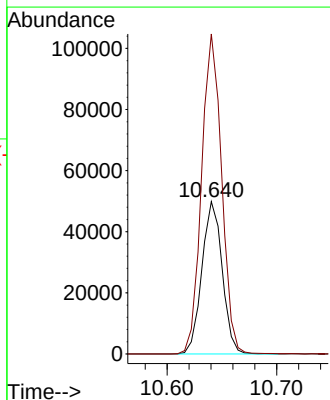
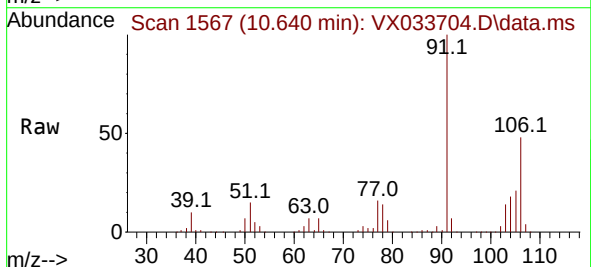
Manual Integrations
APPROVED

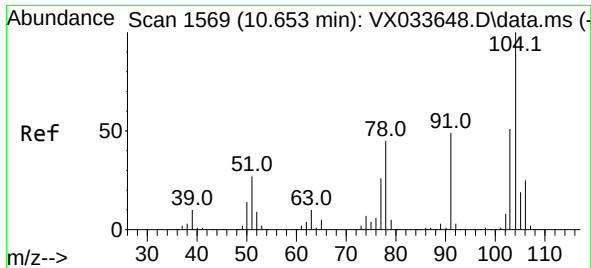
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#68
o-Xylene
Concen: 20.306 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

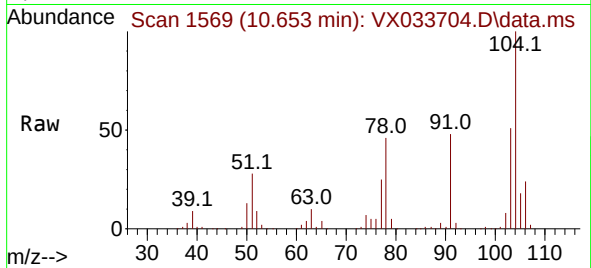
Tgt Ion:106 Resp: 64222
Ion Ratio Lower Upper
106 100
91 207.6 104.6 313.8





#69
Styrene
Concen: 20.008 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

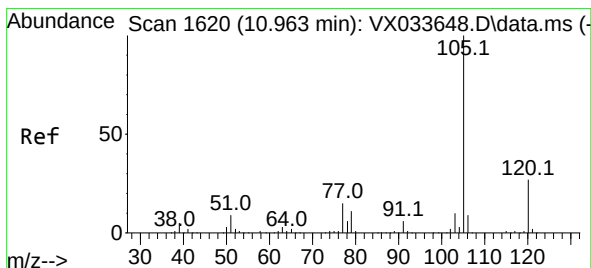
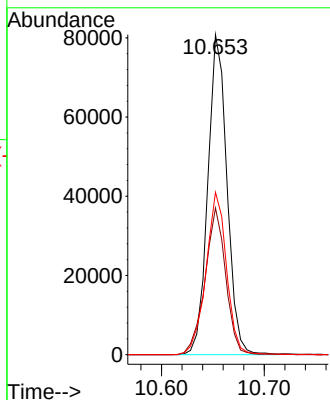
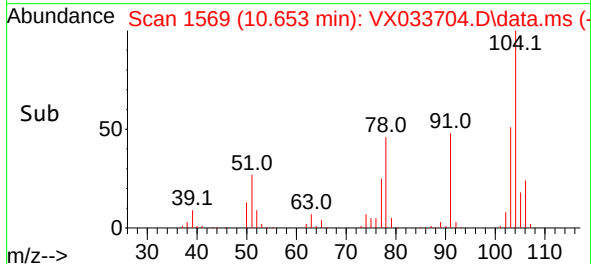
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



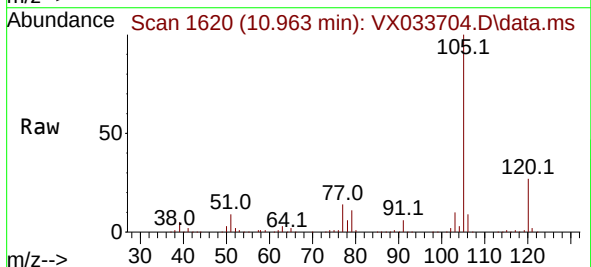
Tgt Ion:104 Resp: 104729
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 54.6 43.2 64.8

Manual Integrations
APPROVED

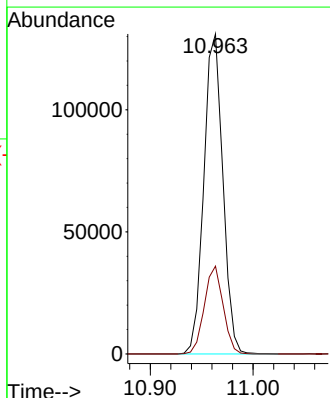
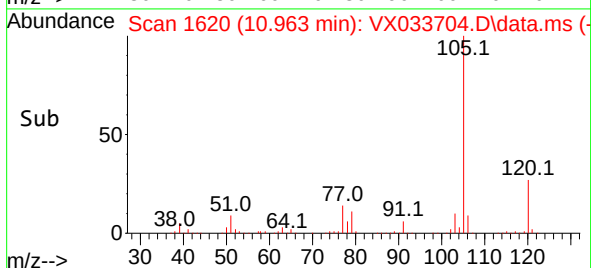
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

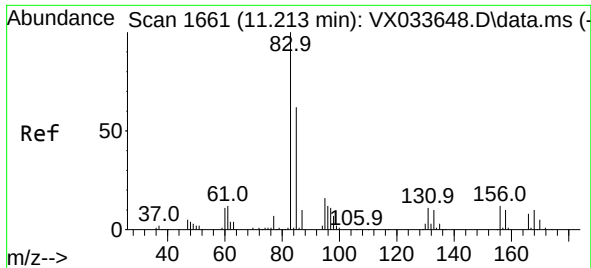


#70
Isopropylbenzene
Concen: 20.605 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



Tgt Ion:105 Resp: 168766
Ion Ratio Lower Upper
105 100
120 27.1 18.7 34.7





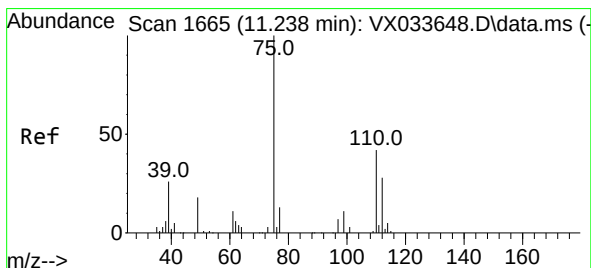
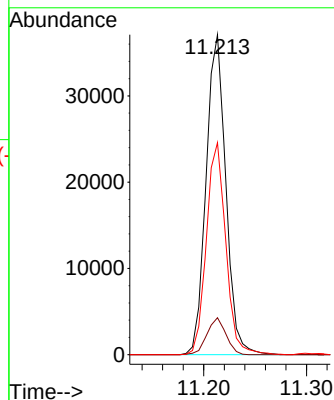
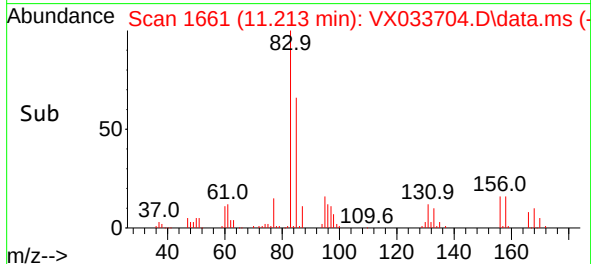
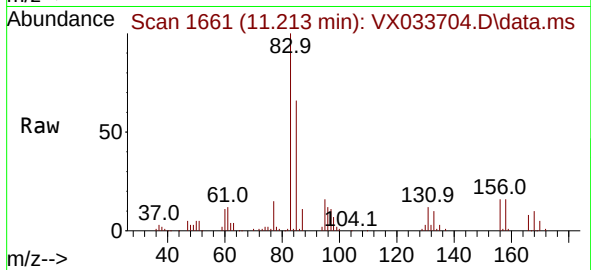
#71
1,1,2,2-Tetrachloroethane
Concen: 20.078 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion: 83 Resp: 4951
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 65.4 32.4 97.0

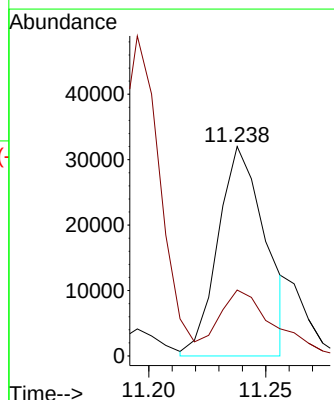
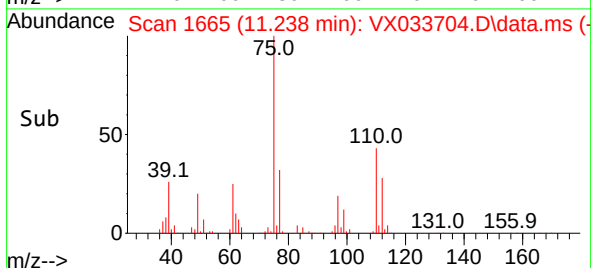
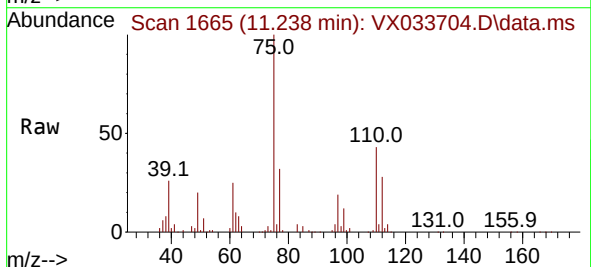
Manual Integrations
APPROVED

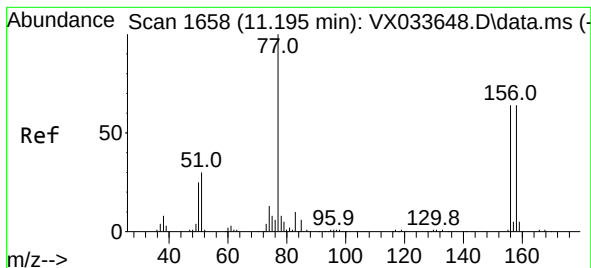
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#72
1,2,3-Trichloropropane
Concen: 20.180 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 75 Resp: 45086
Ion Ratio Lower Upper
75 100
77 36.3 0.0 74.6





#73

Bromobenzene

Concen: 20.262 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

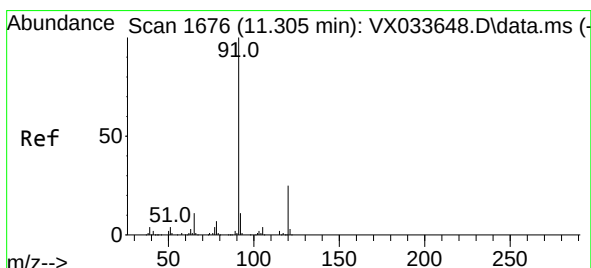
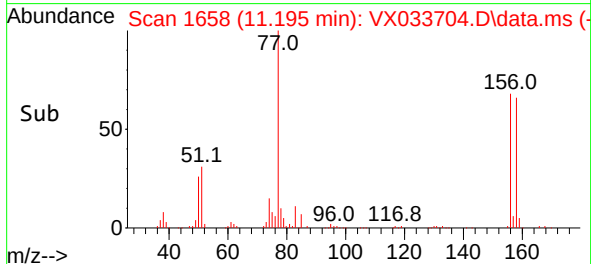
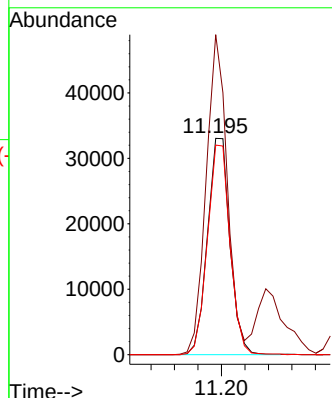
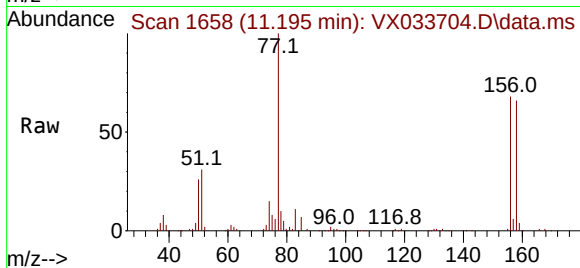
Tgt Ion:	156	Resp:	43920
Ion Ratio	Lower	Upper	
156	100		
77	138.1	0.0	287.2
158	97.3	0.0	196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#74

n-propylbenzene

Concen: 20.690 ug/l

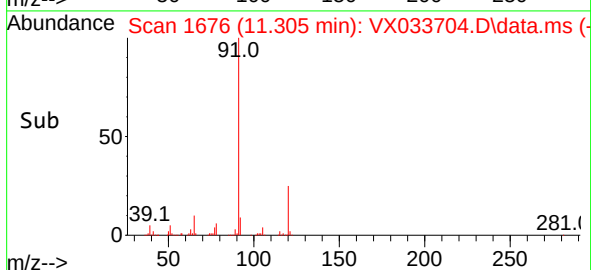
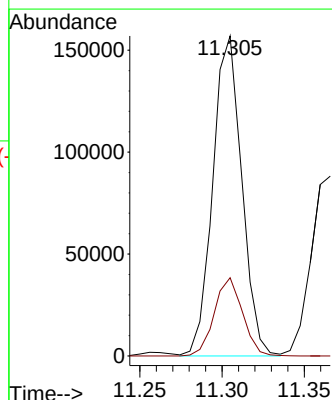
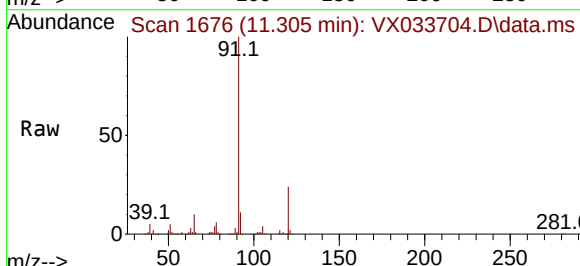
RT: 11.305 min Scan# 1676

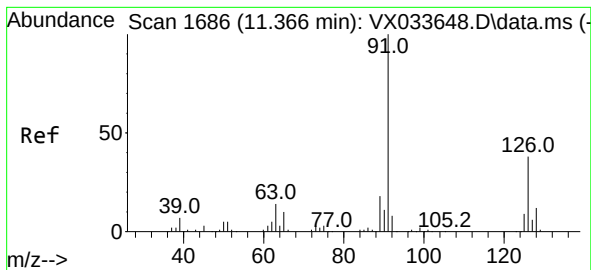
Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Tgt Ion:	91	Resp:	192404
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	48.8





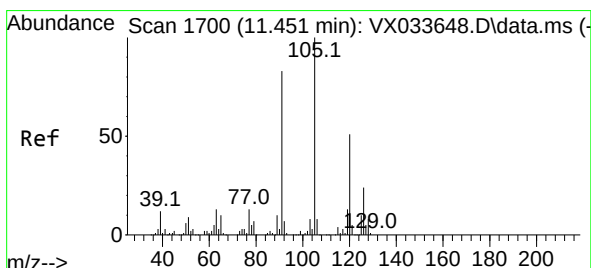
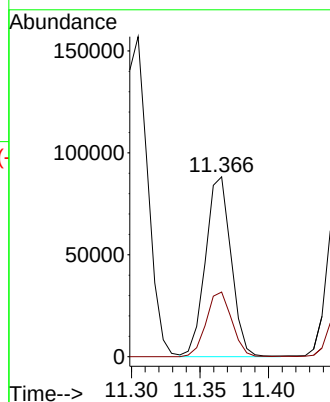
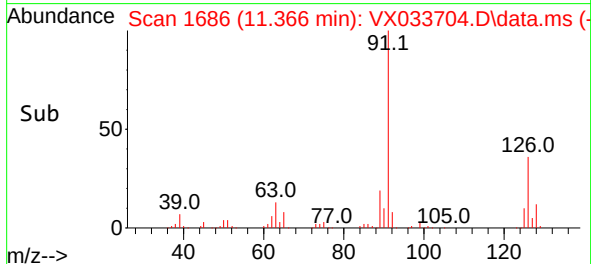
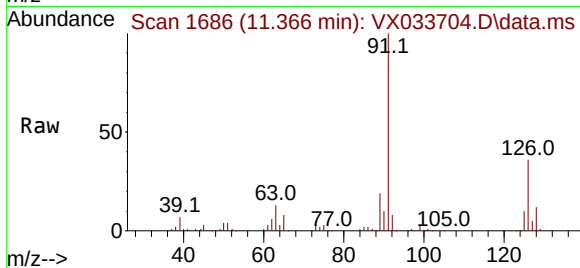
#75
2-Chlorotoluene
Concen: 20.672 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion: 91 Resp: 114978
Ion Ratio Lower Upper
91 100
126 35.9 0.0 72.0

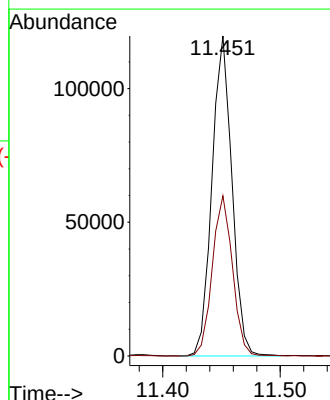
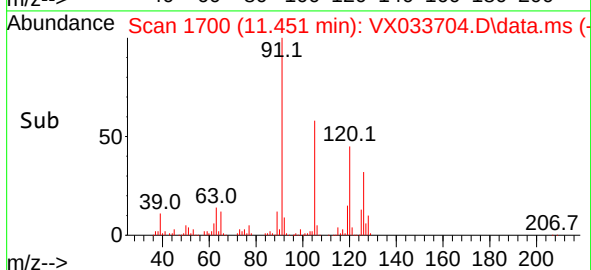
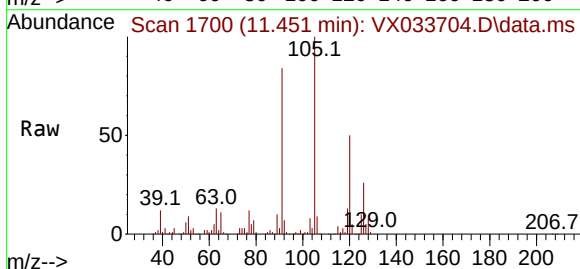
Manual Integrations
APPROVED

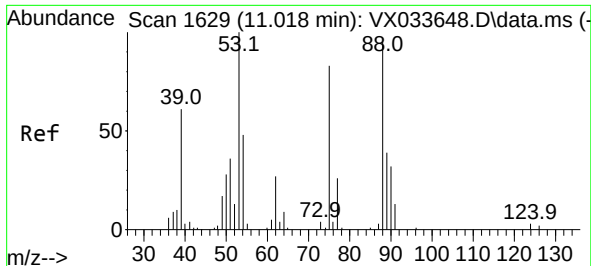
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.787 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

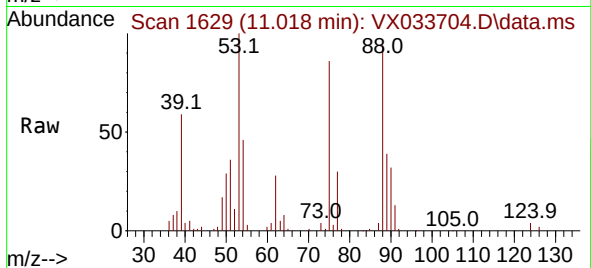
Tgt Ion:105 Resp: 141353
Ion Ratio Lower Upper
105 100
120 50.6 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.081 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

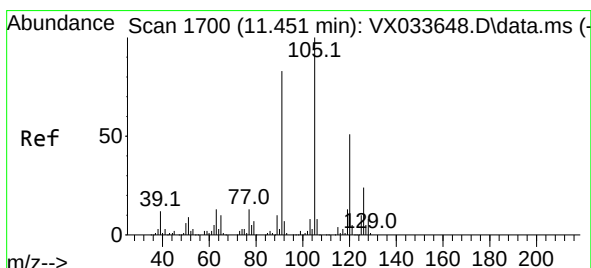
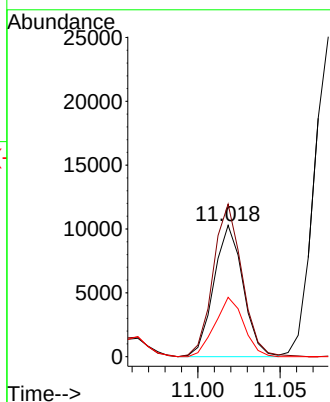
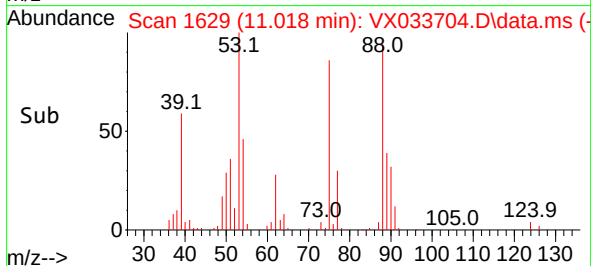
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 75 Resp: 12754
Ion Ratio Lower Upper
75 100
53 116.2 60.2 180.6
89 45.2 23.2 69.6

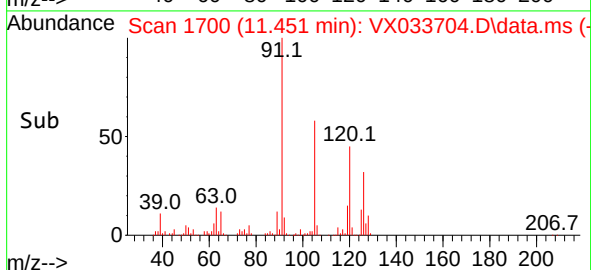
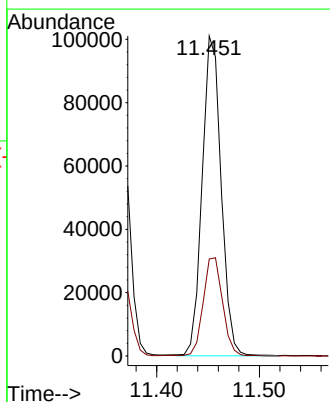
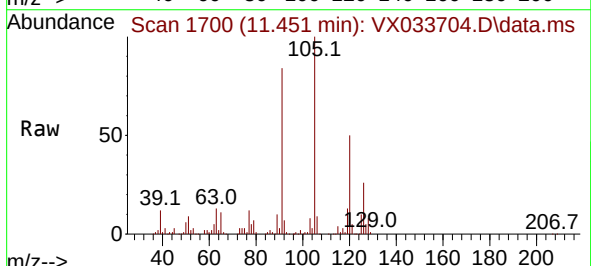
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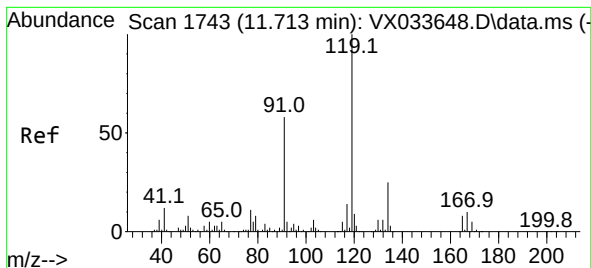
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#78
4-Chlorotoluene
Concen: 20.807 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Tgt Ion: 91 Resp: 129779
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.6





#79

tert-butylbenzene

Concen: 20.673 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033704.D

Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01

Tgt Ion:119 Resp: 14418

Ion Ratio Lower Upper

119 100

91 54.9 0.0 111.0

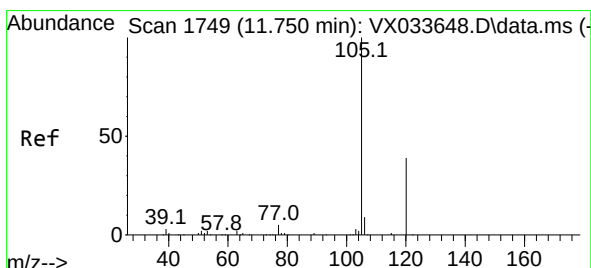
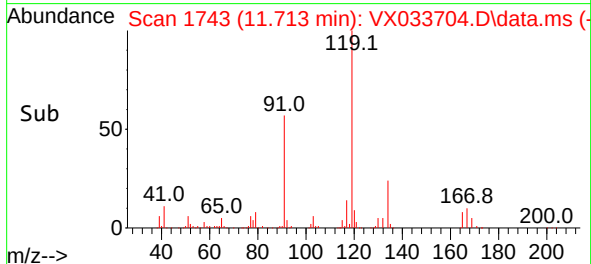
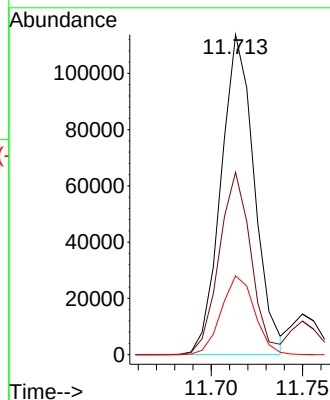
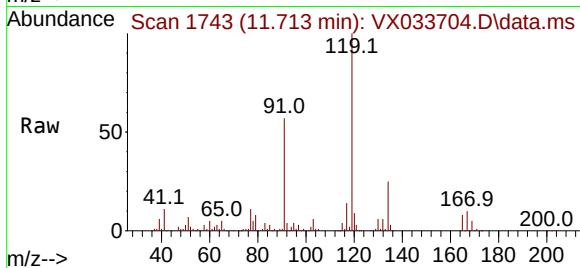
134 24.7 0.0 49.2

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#80

1,2,4-Trimethylbenzene

Concen: 21.022 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033704.D

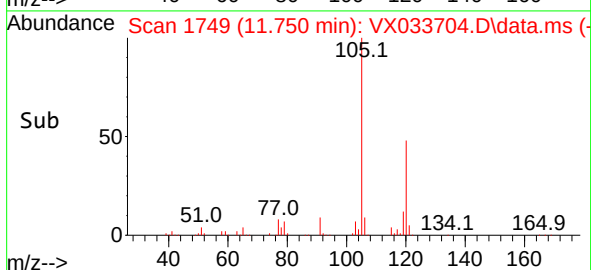
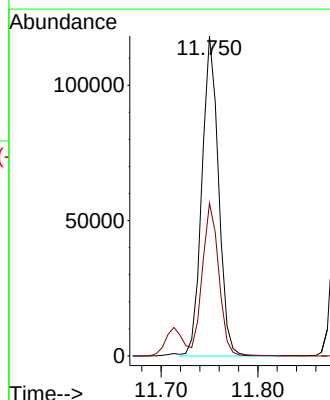
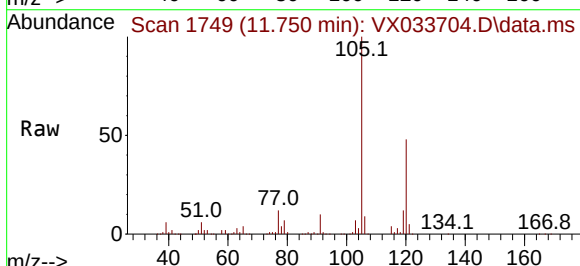
Acq: 12 Jan 2023 11:37

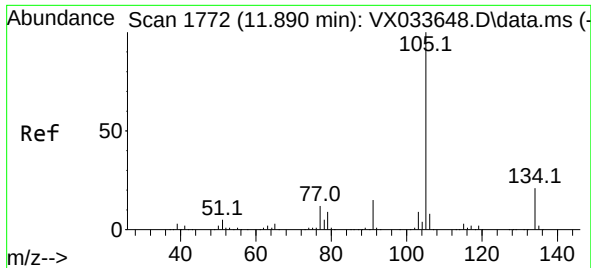
Tgt Ion:105 Resp: 141229

Ion Ratio Lower Upper

105 100

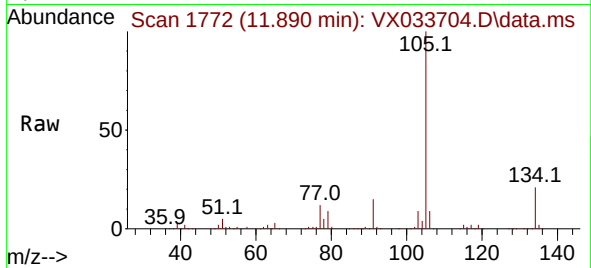
120 46.7 0.0 91.2





#81
 sec-Butylbenzene
 Concen: 20.956 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033704.D
 Acq: 12 Jan 2023 11:37

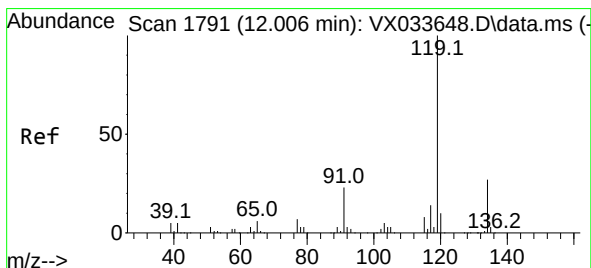
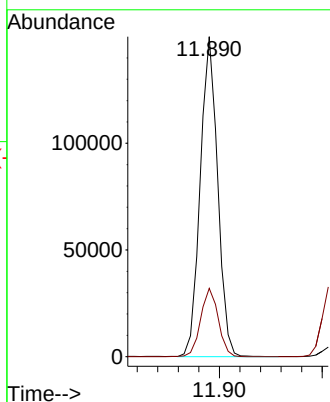
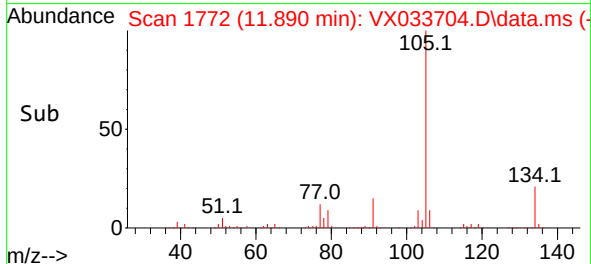
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112WBS01



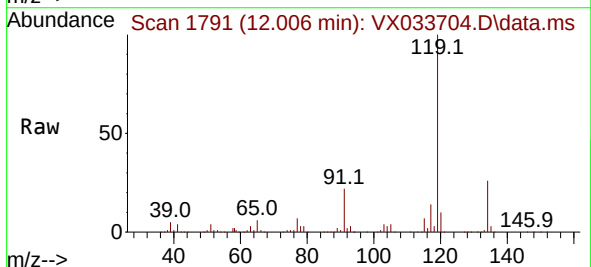
Tgt Ion:105 Resp: 176840
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 43.2

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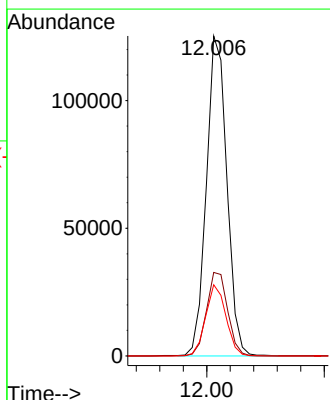
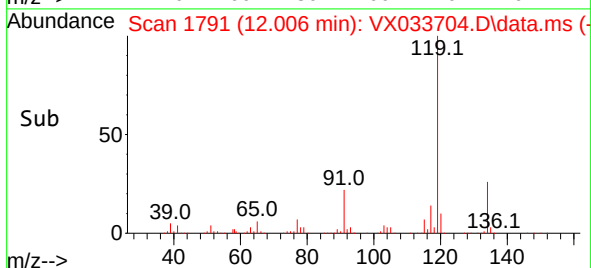
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

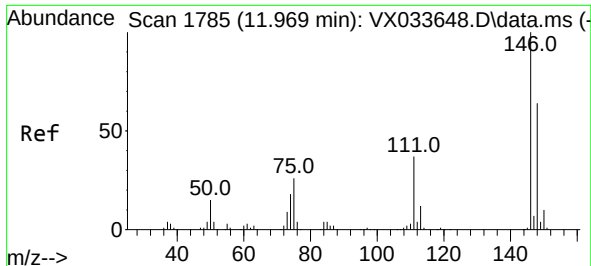


#82
 p-Isopropyltoluene
 Concen: 20.841 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033704.D
 Acq: 12 Jan 2023 11:37



Tgt Ion:119 Resp: 151686
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.4
 91 22.1 0.0 45.2





#83

1,3-Dichlorobenzene

Concen: 20.718 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033704.D

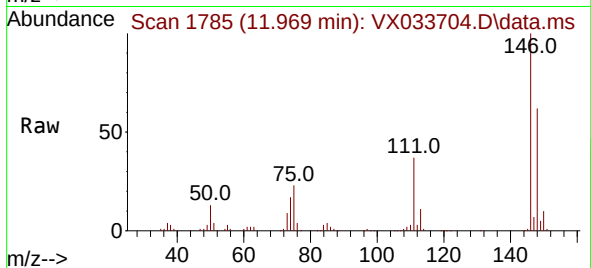
Acq: 12 Jan 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0112WBS01



Tgt Ion:146 Resp: 81982

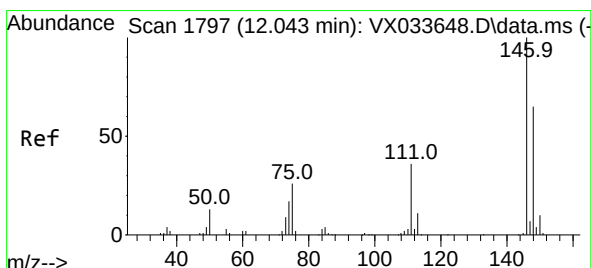
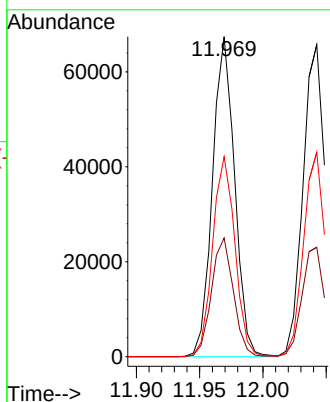
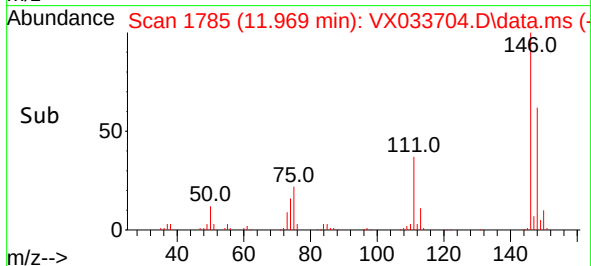
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	63.0	31.7	95.1

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#84

1,4-Dichlorobenzene

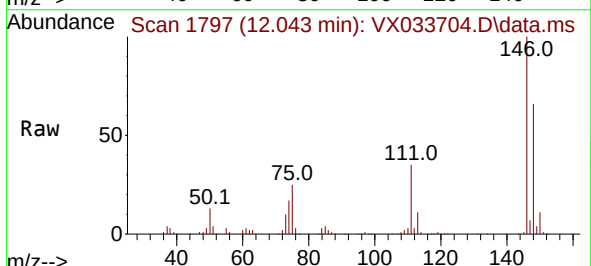
Concen: 20.582 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

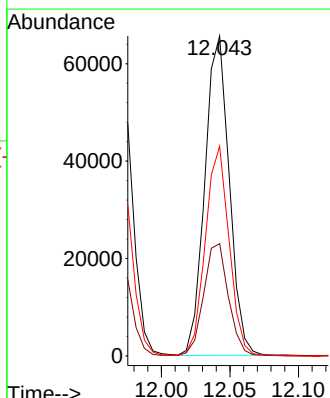
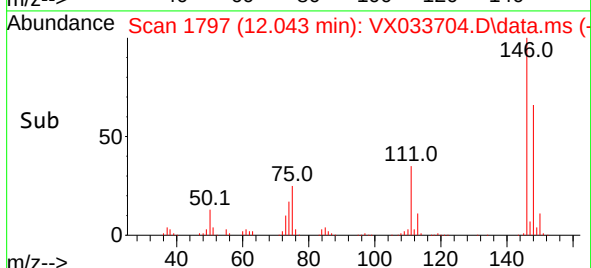
Lab File: VX033704.D

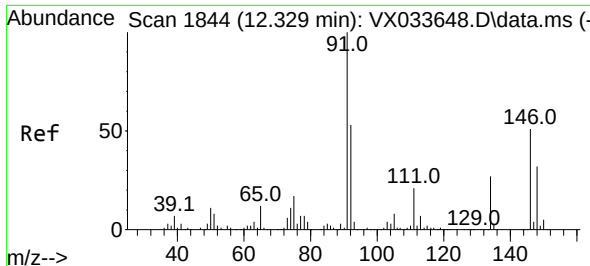
Acq: 12 Jan 2023 11:37



Tgt Ion:146 Resp: 81203

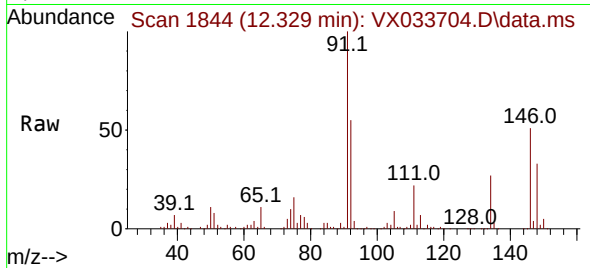
Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.3	54.9
148	64.1	31.9	95.7





#85
n-Butylbenzene
Concen: 21.059 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

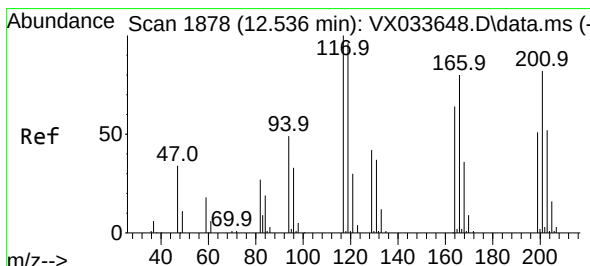
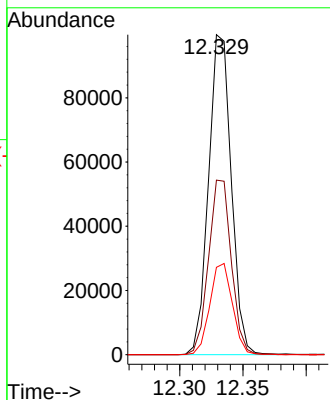
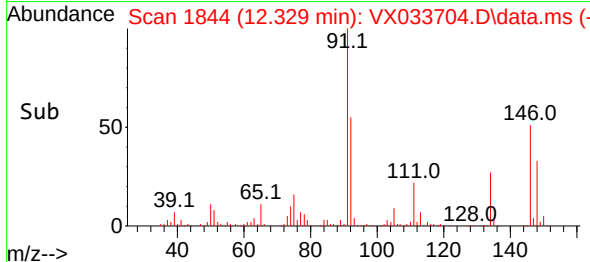
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



Tgt Ion: 91 Resp: 12461
Ion Ratio Lower Upper
91 100
92 54.8 0.0 108.2
134 28.3 0.0 55.4

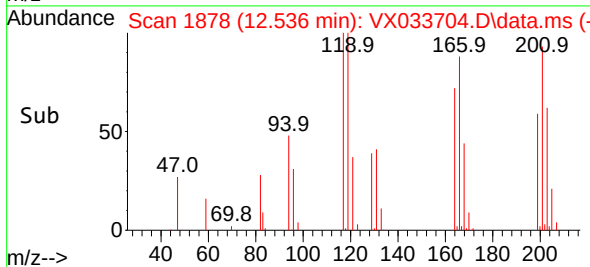
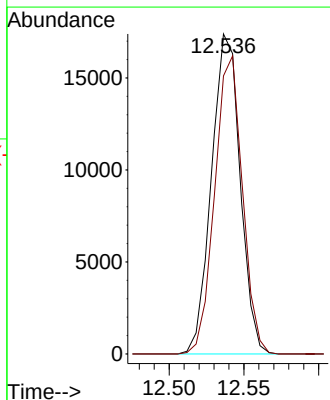
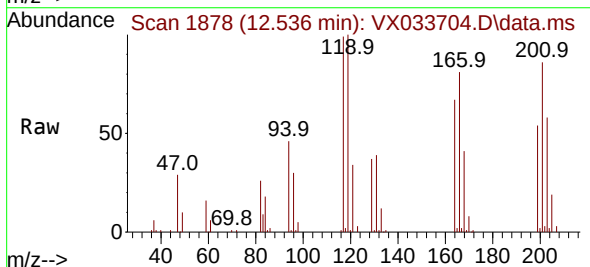
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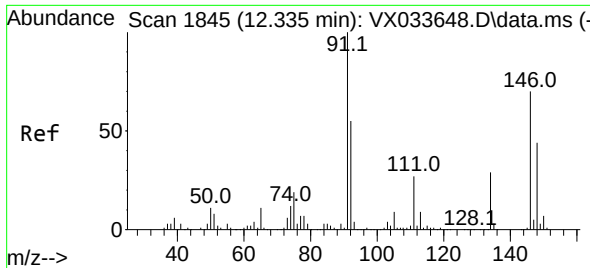
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#86
Hexachloroethane
Concen: 19.592 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

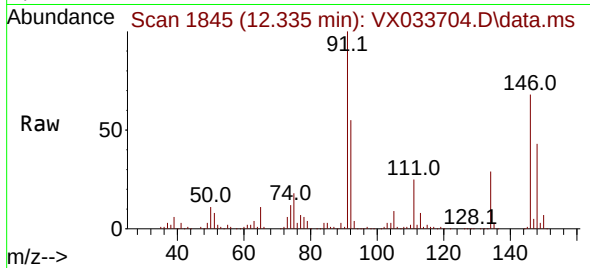
Tgt Ion:117 Resp: 23199
Ion Ratio Lower Upper
117 100
201 89.9 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 20.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

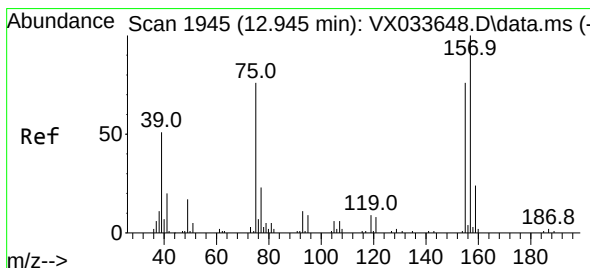
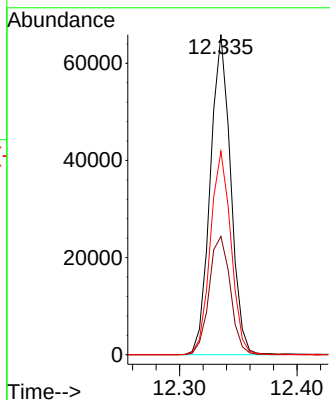
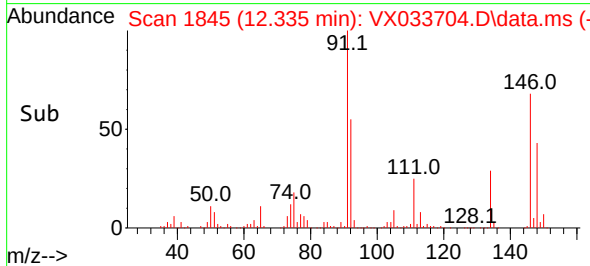
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



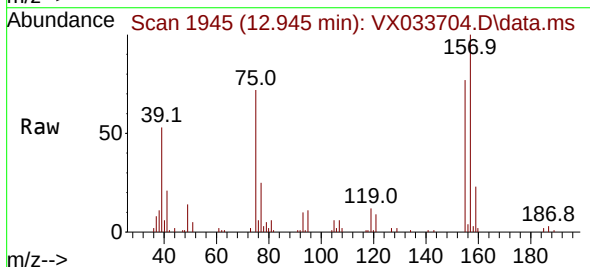
Tgt Ion:146 Resp: 79460
Ion Ratio Lower Upper
146 100
111 38.5 19.7 59.0
148 64.2 31.9 95.9

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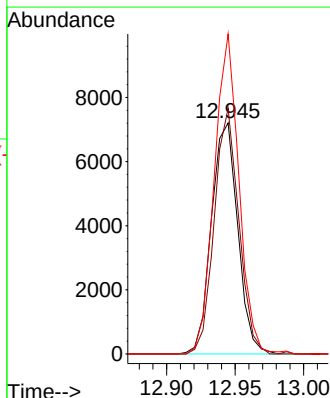
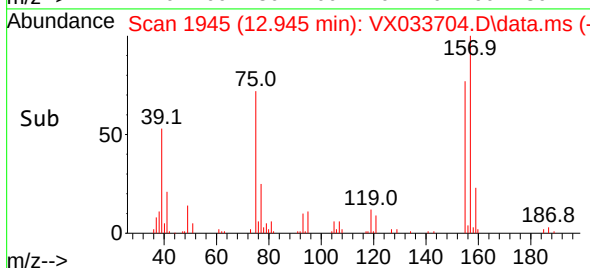
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

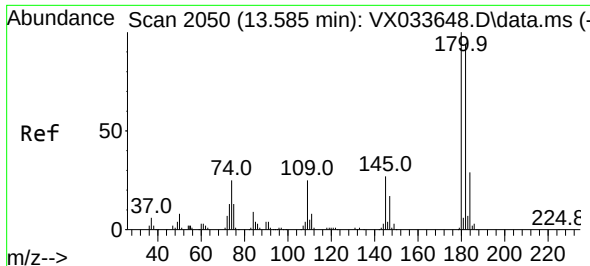


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.789 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



Tgt Ion: 75 Resp: 9620
Ion Ratio Lower Upper
75 100
155 98.7 77.6 116.4
157 129.2 98.0 147.0





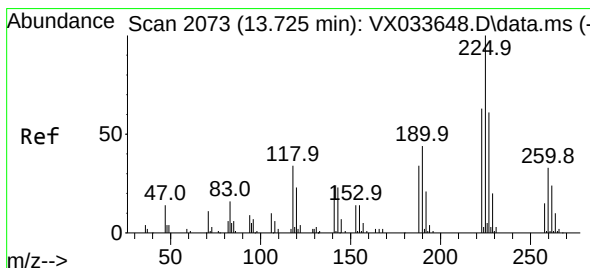
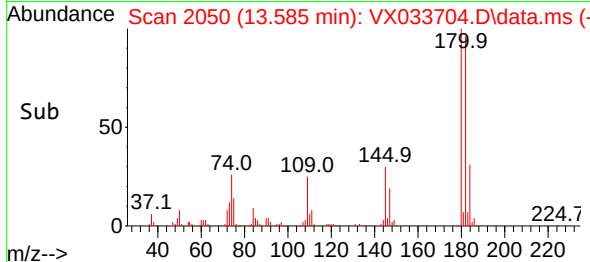
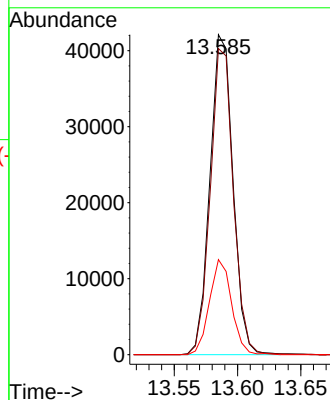
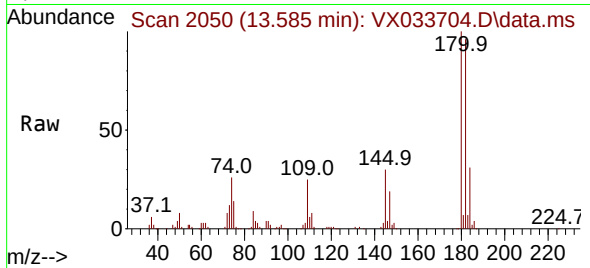
#89
1,2,4-Trichlorobenzene
Concen: 20.355 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01

Tgt Ion:180 Resp: 53364
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
145 28.5 21.8 32.6

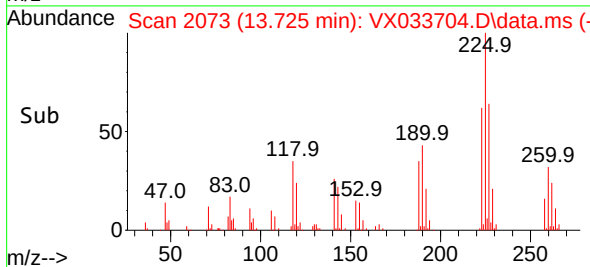
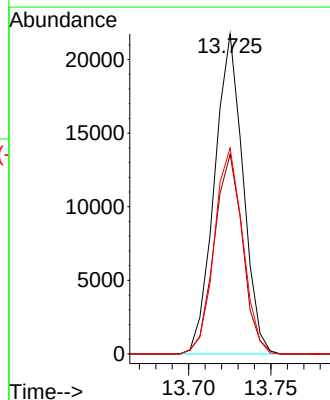
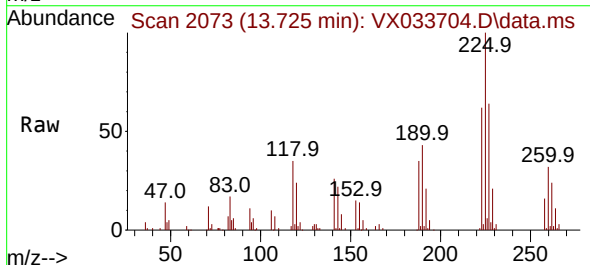
Manual Integrations
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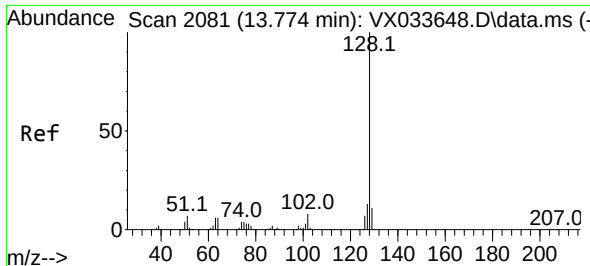
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#90
Hexachlorobutadiene
Concen: 20.836 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

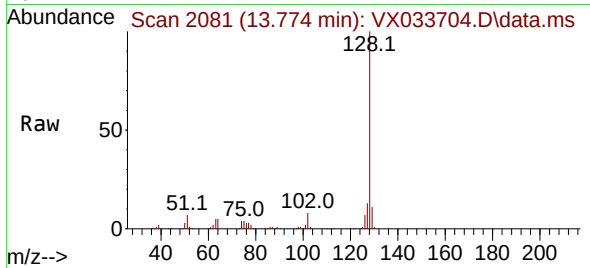
Tgt Ion:225 Resp: 26191
Ion Ratio Lower Upper
225 100
223 62.2 0.0 127.0
227 64.1 0.0 123.0





#91
Naphthalene
Concen: 20.366 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37

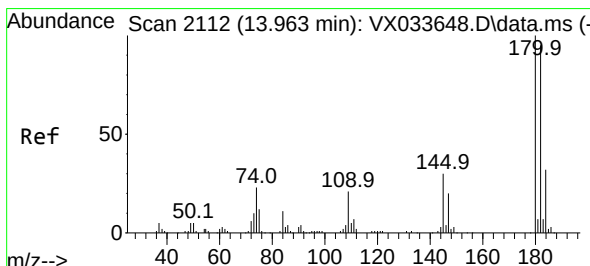
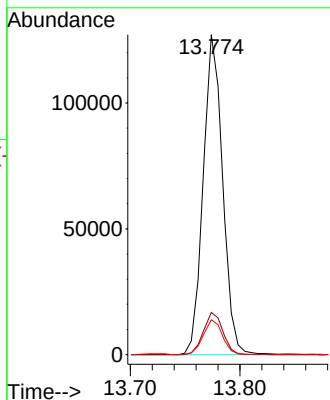
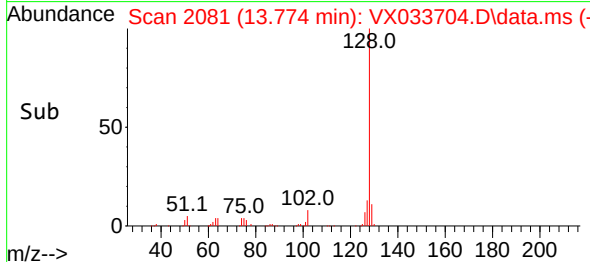
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBS01



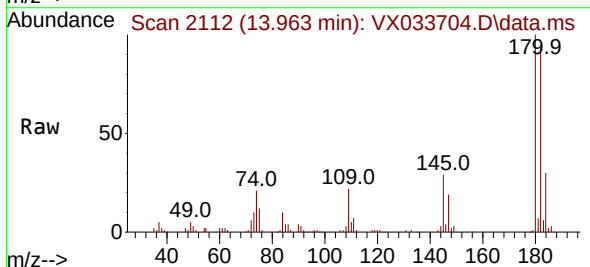
Tgt Ion:128 Resp: 156778
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.556 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033704.D
Acq: 12 Jan 2023 11:37



Tgt Ion:180 Resp: 54071
Ion Ratio Lower Upper
180 100
182 95.7 0.0 191.2
145 29.9 0.0 60.4

