

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033779.D
 Acq On : 18 Jan 2023 17:05
 Operator : JC/MD
 Sample : VX0118WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Quant Time: Jan 19 03:31:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	15905	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	110341	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	119306	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37851	30.752	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.500%			
60) 4-Bromofluorobenzene	11.079	95	64350	30.171	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.567%			
63) Toluene-d8	8.647	98	115762	30.412	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.367%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29823	20.467	ug/l	97
3) Chloromethane	1.294	50	34074	20.795	ug/l	100
4) Vinyl Chloride	1.374	62	33048	20.548	ug/l	99
5) Bromomethane	1.618	94	19976	19.267	ug/l	97
6) Chloroethane	1.691	64	18637	21.663	ug/l	95
7) Trichlorofluoromethane	1.892	101	49822	20.951	ug/l	98
8) Diethyl Ether	2.136	74	17998	20.081	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	29702	20.640	ug/l	99
10) 1,1-Dichloroethene	2.325	96	29244	20.688	ug/l	96
11) Methyl Iodide	2.453	142	43291	20.300	ug/l	99
12) Methyl Acetate	2.703	43	54054	21.913	ug/l	97
13) Acrolein	2.239	56	23701	85.906	ug/l	99
14) Acrylonitrile	3.062	53	87801	109.255	ug/l	99
15) Acetone	2.386	58	25254	104.508	ug/l	96
16) Carbon Disulfide	2.514	76	69038	19.923	ug/l	99
17) Allyl chloride	2.666	41	52845	20.712	ug/l	99
18) Methylene Chloride	2.788	84	33415	20.995	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	31663	20.806	ug/l	97
20) Diisopropyl ether	3.757	45	107380	21.470	ug/l	96
21) 1,1-Dichloroethane	3.611	63	57247	20.917	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	37651	21.056	ug/l	99
23) tert-Butyl Alcohol	2.983	59	26528	95.528	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	97874	20.912	ug/l	99
25) Chloroform	5.093	83	59571	21.643	ug/l	99
26) Cyclohexane	5.471	56	51110	20.493	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	43449	20.501	ug/l	99
30) 2-Butanone	4.556	43	125836	107.467	ug/l	100
31) 2,2-Dichloropropane	4.477	77	38681	19.244	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	49563	20.308	ug/l	99
33) Carbon Tetrachloride	5.678	117	44163	20.217	ug/l	97
34) Benzene	6.037	78	129671	20.615	ug/l	98
35) Methacrylonitrile	4.922	41	26853	21.059	ug/l	97
36) 1,2-Dichloroethane	6.092	62	45262	20.457	ug/l	100
37) Trichloroethene	7.129	130	36499	20.547	ug/l	96
38) Methylcyclohexane	7.385	83	51848	20.332	ug/l	98
39) 1,2-Dichloropropane	7.427	63	33087	21.487	ug/l	97
40) Dibromomethane	7.580	93	22859	20.885	ug/l	93
41) Bromodichloromethane	7.824	83	43142	20.659	ug/l	98
42) Vinyl Acetate	3.721	43	405819	103.148	ug/l	100

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 ALS Vial : 15 Sample Multiplier: 1

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 ClientSampleId :
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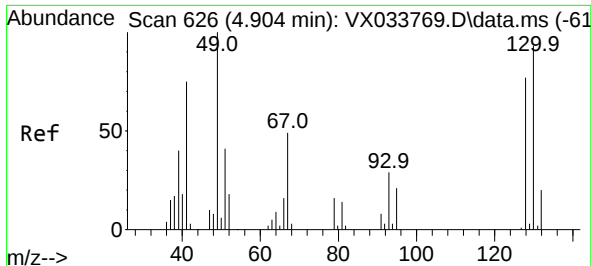
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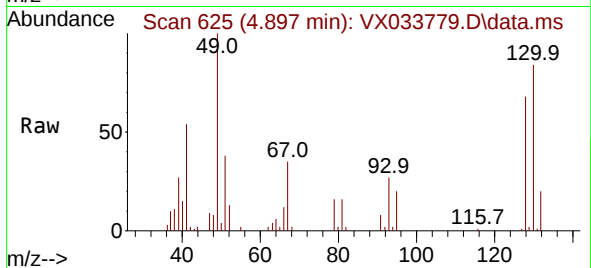
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	46694	20.400	ug/l	100
44) Isopropyl Acetate	6.336	43	71040	20.411	ug/l	98
45) 1,4-Dioxane	7.696	88	12897	358.544	ug/l #	95
46) Methyl methacrylate	7.690	41	37049	20.964	ug/l	97
47) n-amyl Acetate	10.842	43	60559	20.626	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	41997	19.089	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	48510	19.534	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	34259	21.100	ug/l	99
51) Ethyl methacrylate	9.116	69	50236	20.884	ug/l	93
52) 1,3-Dichloropropane	9.305	76	56203	20.540	ug/l	99
53) Dibromochloromethane	9.519	129	35220	19.861	ug/l	100
54) 1,2-Dibromoethane	9.610	107	36463	20.790	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	107013	94.753	ug/l	99
56) Bromoform	10.799	173	26956	19.586	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	236491	110.279	ug/l	98
59) 2-Hexanone	9.427	43	174581	108.349	ug/l	96
61) Tetrachloroethene	9.275	164	33492	21.319	ug/l	98
62) Toluene	8.720	91	140337	21.029	ug/l	100
64) Chlorobenzene	10.079	112	91787	20.631	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	33523	20.235	ug/l	99
66) Ethyl Benzene	10.195	91	157574	20.632	ug/l	98
67) m/p-Xylenes	10.299	106	126278	41.868	ug/l	96
68) o-Xylene	10.640	106	62172	20.787	ug/l	99
69) Styrene	10.653	104	100927	20.515	ug/l	99
70) Isopropylbenzene	10.963	105	160244	20.800	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	51093	22.118	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	45540m	21.637	ug/l	
73) Bromobenzene	11.195	156	43076	20.646	ug/l	97
74) n-propylbenzene	11.305	91	178194	20.361	ug/l	99
75) 2-Chlorotoluene	11.366	91	110172	21.163	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	133736	20.932	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	12850	19.870	ug/l	95
78) 4-Chlorotoluene	11.451	91	122498	20.916	ug/l	98
79) tert-butylbenzene	11.713	119	136224	20.831	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	134379	21.214	ug/l	99
81) sec-Butylbenzene	11.890	105	164865	20.718	ug/l	100
82) p-Isopropyltoluene	12.012	119	142414	20.660	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	77567	20.577	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	79402	21.016	ug/l	100
85) n-Butylbenzene	12.329	91	113858	20.309	ug/l	100
86) Hexachloroethane	12.536	117	21304	19.552	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	78536	21.614	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9481	20.055	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	52057	20.590	ug/l	98
90) Hexachlorobutadiene	13.725	225	23956	20.207	ug/l	99
91) Naphthalene	13.774	128	162129	21.876	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	53043	21.390	ug/l	99

(#) = 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. -0.007 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

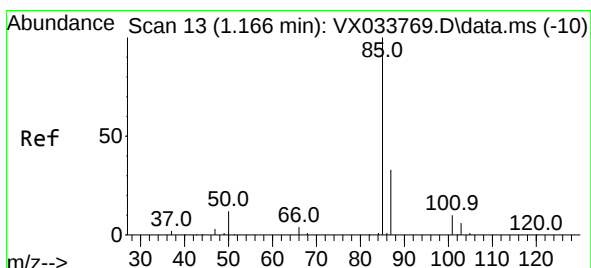
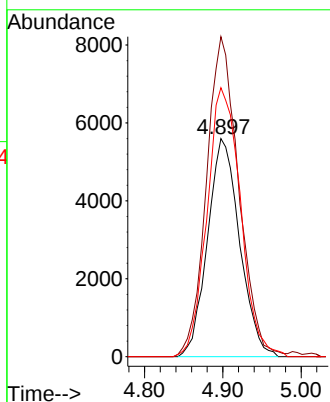
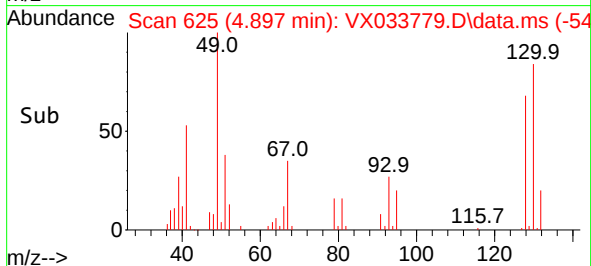
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion:128 Resp: 1590
Ion Ratio Lower Upper
128 100
49 147.9 0.0 369.0
130 129.1 0.0 327.5

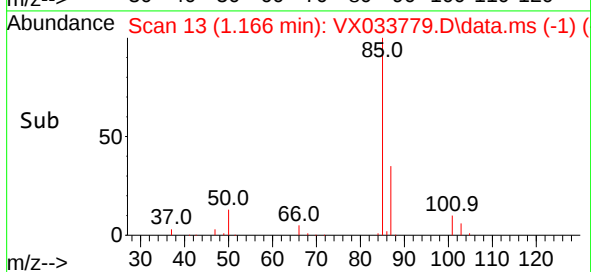
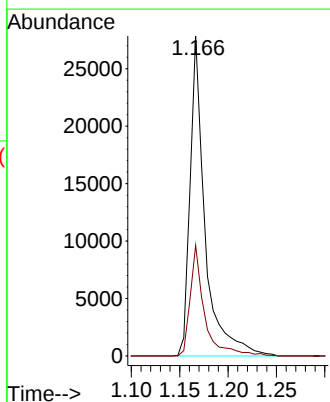
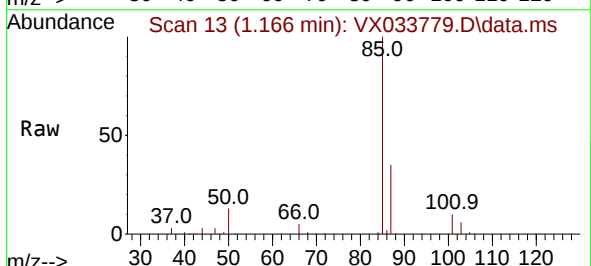
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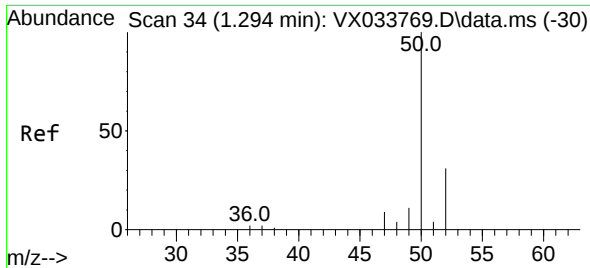
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#2
Dichlorodifluoromethane
Concen: 20.467 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 85 Resp: 29823
Ion Ratio Lower Upper
85 100
87 34.6 16.4 49.1





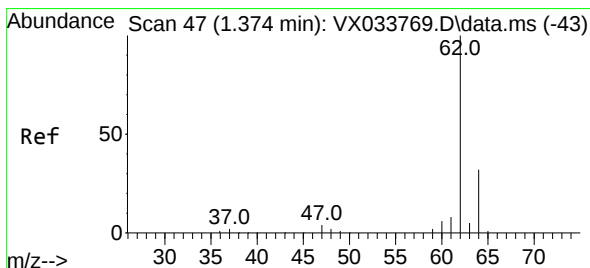
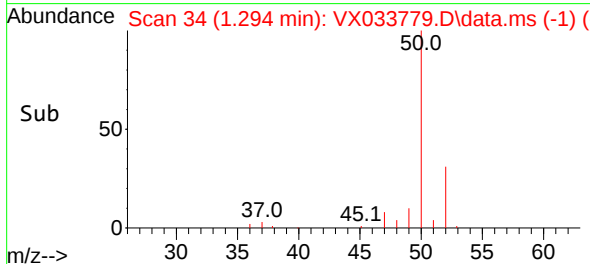
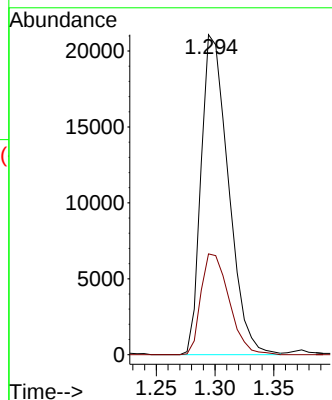
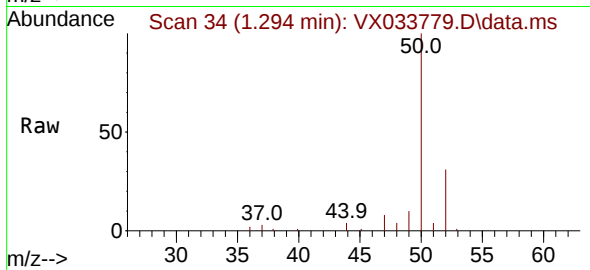
#3
Chloromethane
Concen: 20.795 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 50 Resp: 34074
Ion Ratio Lower Upper
50 100
52 31.5 25.1 37.7

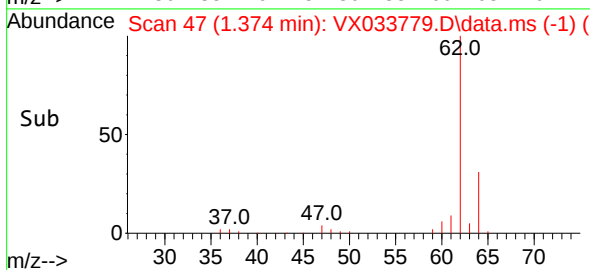
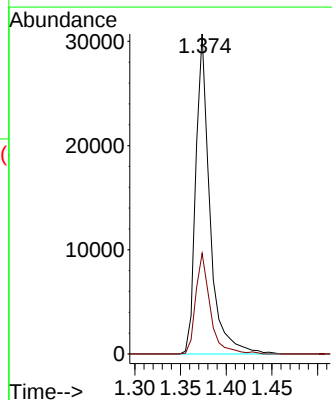
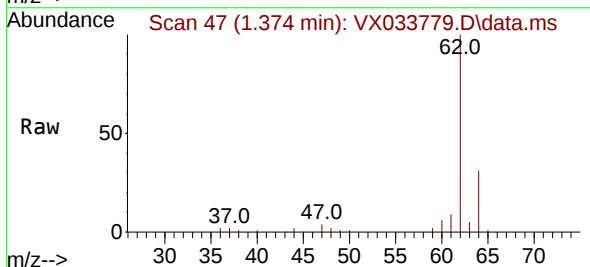
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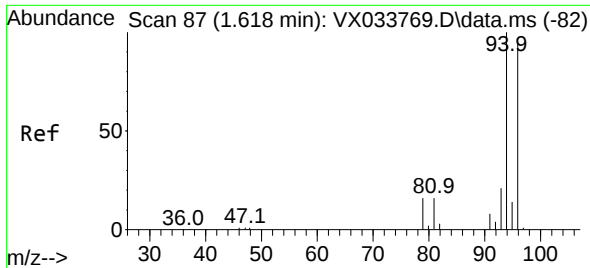
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 20.548 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 62 Resp: 33048
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.2





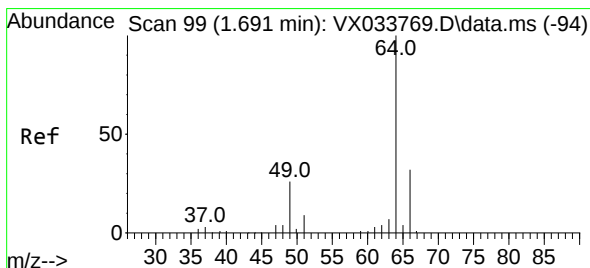
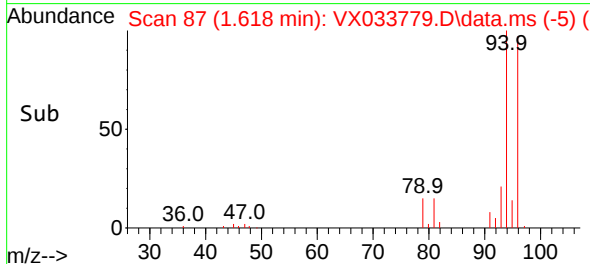
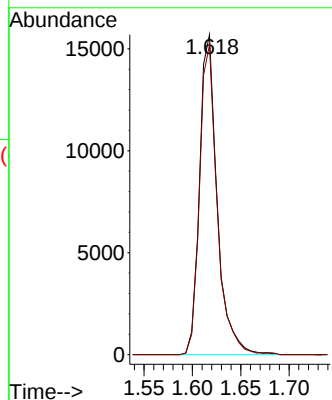
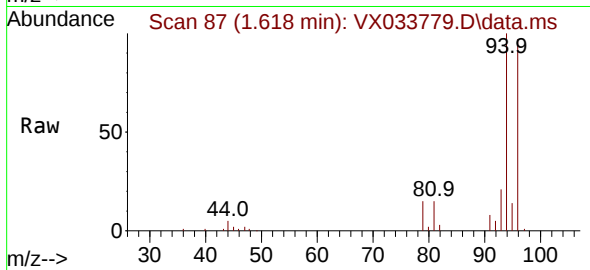
#5
Bromomethane
Concen: 19.267 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 94 Resp: 19970
Ion Ratio Lower Upper
94 100
96 96.8 74.8 112.2

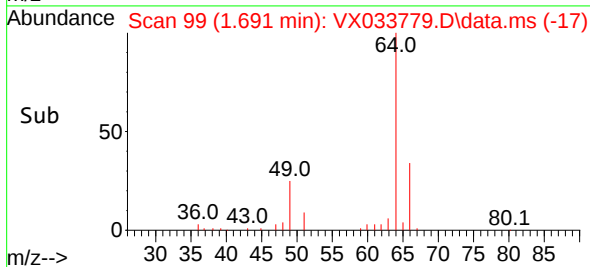
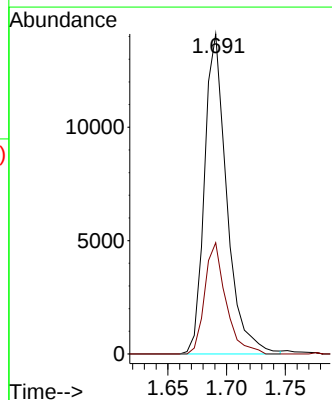
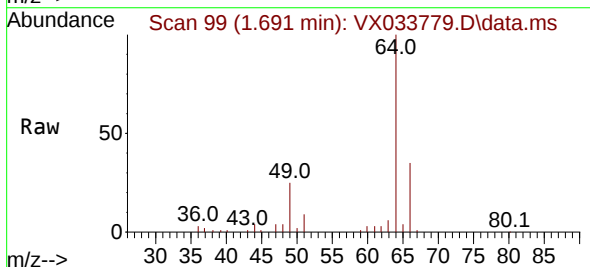
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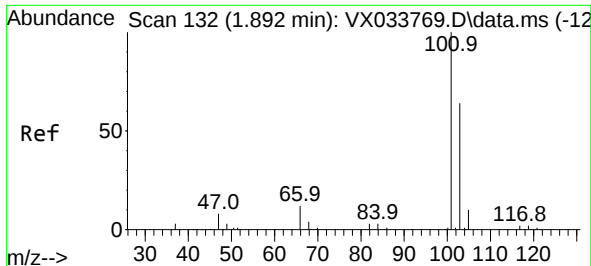
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 21.663 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 64 Resp: 18637
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.0





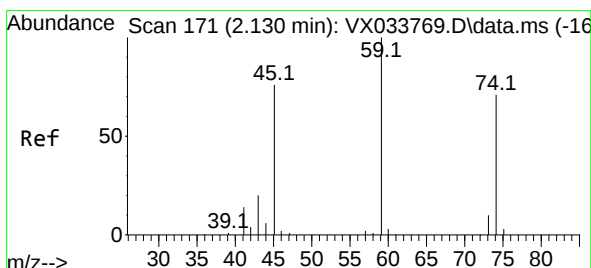
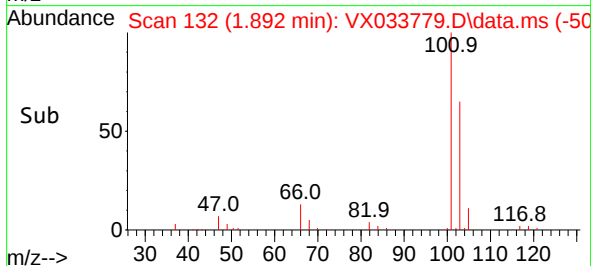
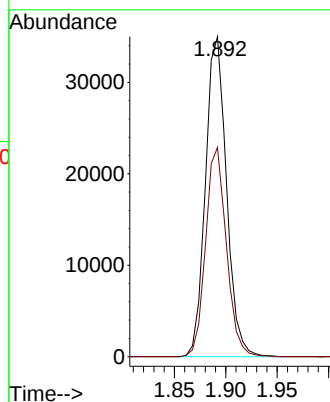
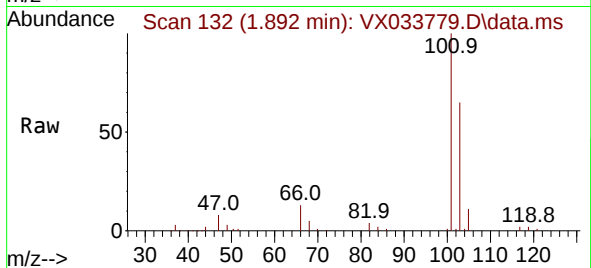
#7
Trichlorofluoromethane
Concen: 20.951 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion:101 Resp: 4982
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

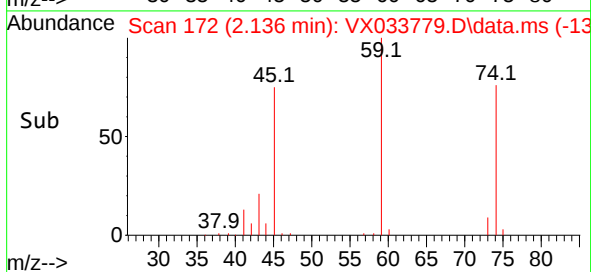
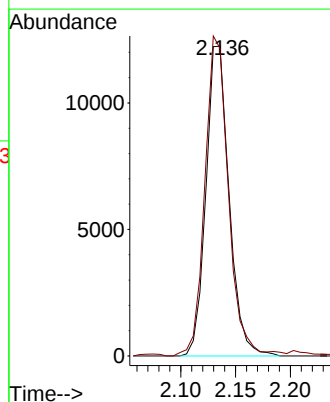
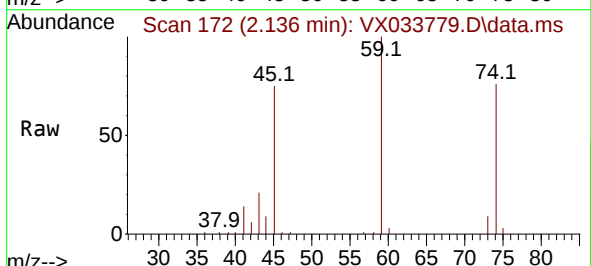
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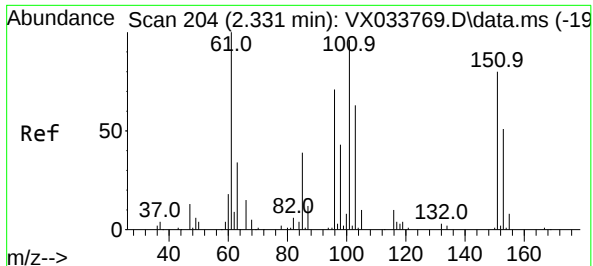
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#8
Diethyl Ether
Concen: 20.081 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 74 Resp: 17998
Ion Ratio Lower Upper
74 100
45 103.8 20.2 182.0





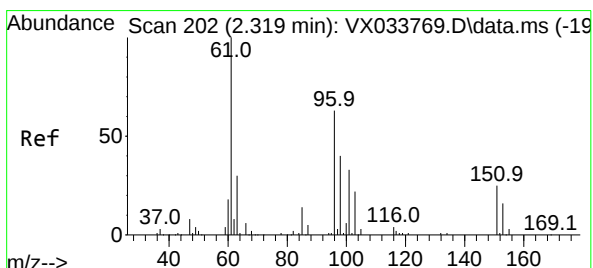
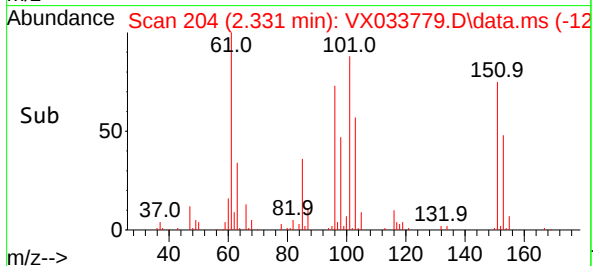
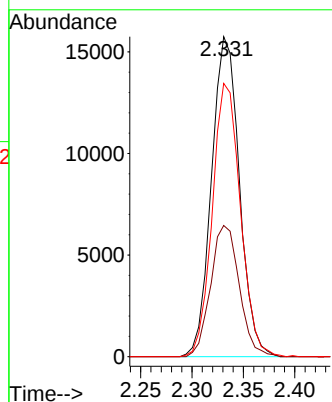
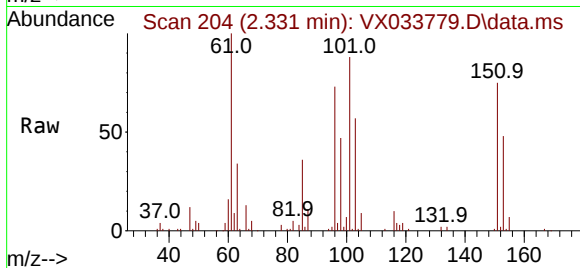
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.640 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 101 Resp: 2970
Ion Ratio Lower Upper
101 100
85 42.1 0.0 83.0
151 86.0 0.0 174.6

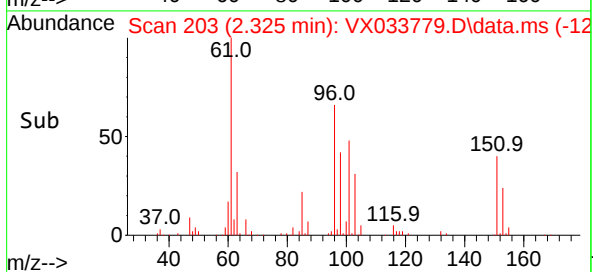
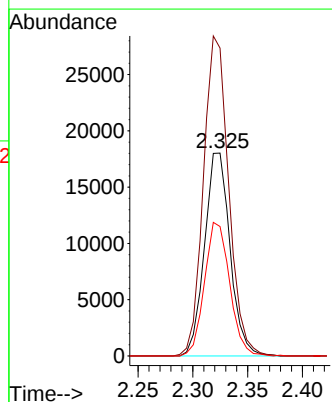
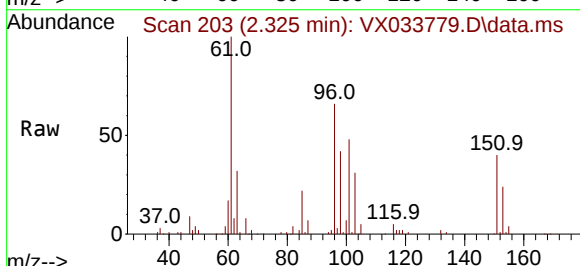
Manual Integrations
APPROVED

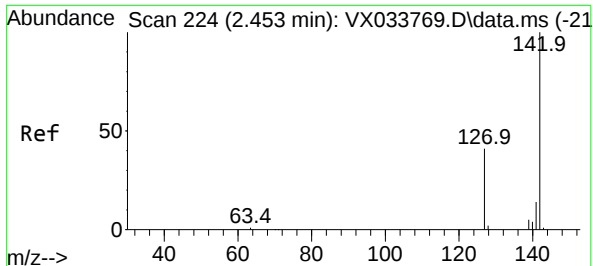
Reviewed By : John Carlone 01/19/2023
Supervised By : Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 20.688 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

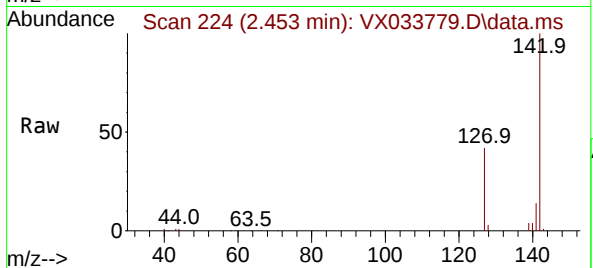
Tgt Ion: 96 Resp: 29244
Ion Ratio Lower Upper
96 100
61 151.7 127.5 191.3
98 63.8 51.1 76.7





#11
Methyl Iodide
Concen: 20.300 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

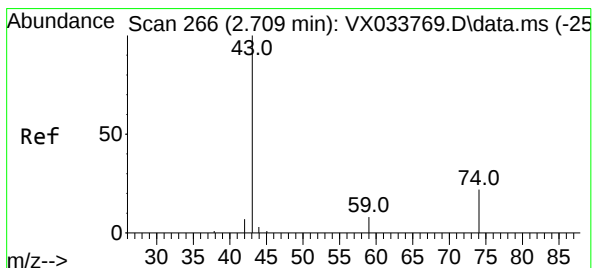
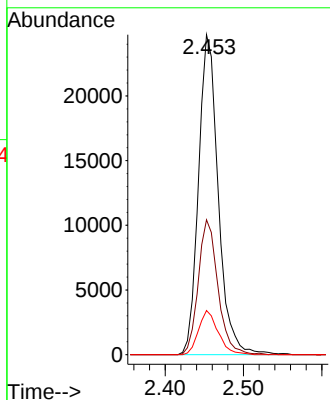
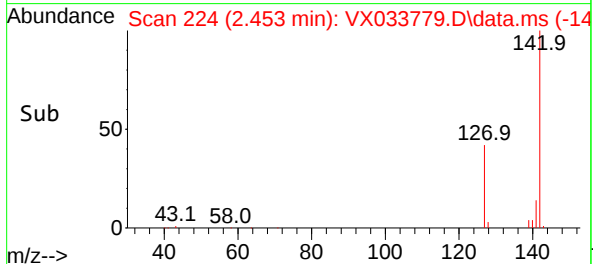
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion:142 Resp: 4329
Ion Ratio Lower Upper
142 100
127 42.2 20.7 62.1
141 13.8 7.0 21.0

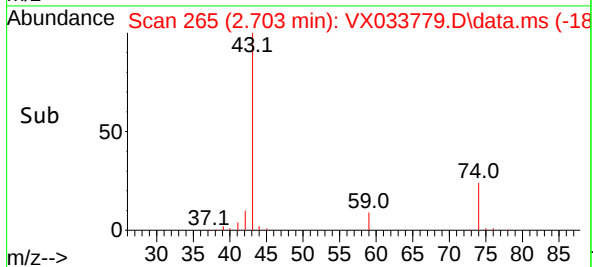
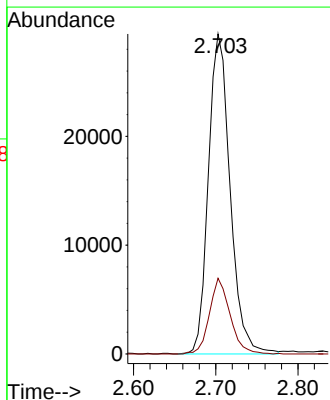
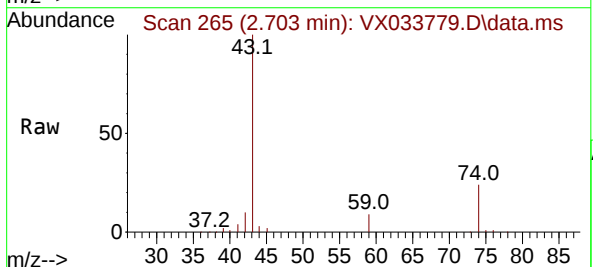
Manual Integrations
APPROVED

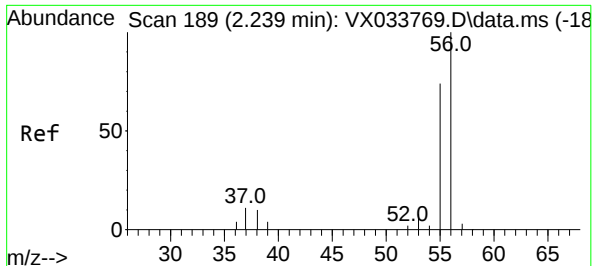
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 21.913 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 43 Resp: 54054
Ion Ratio Lower Upper
43 100
74 23.6 17.6 26.4





#13

Acrolein

Concen: 85.906 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion: 56 Resp: 2370

Ion Ratio Lower Upper

56 100

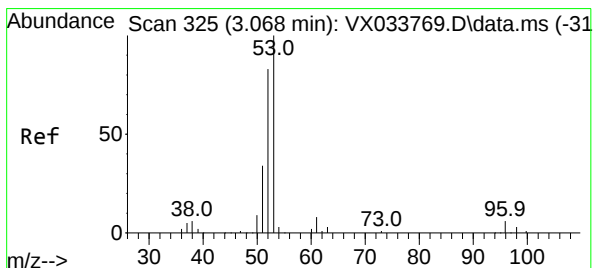
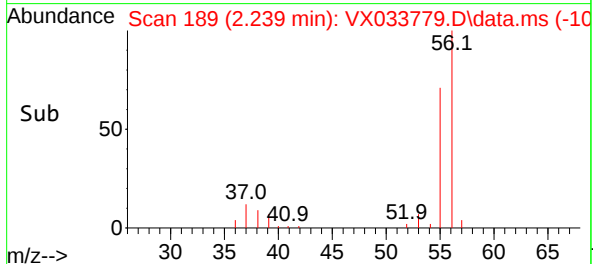
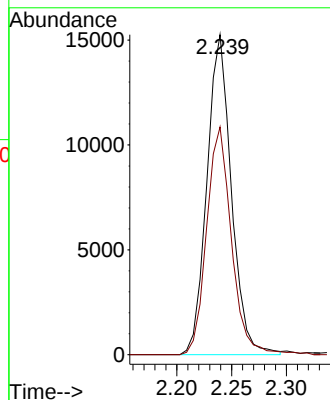
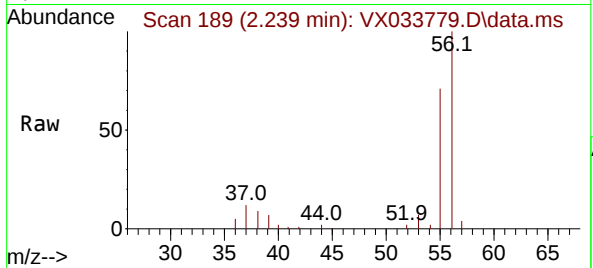
55 72.3 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#14

Acrylonitrile

Concen: 109.255 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.006 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

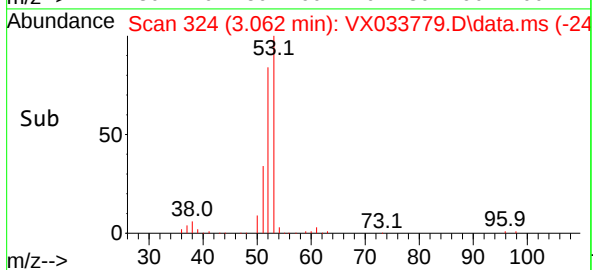
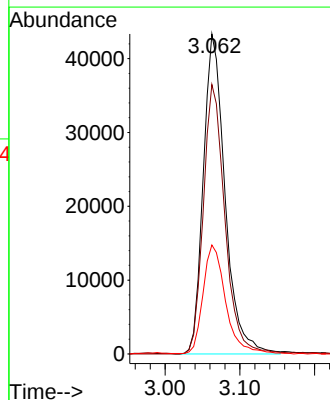
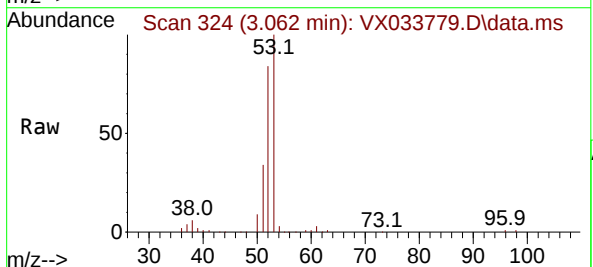
Tgt Ion: 53 Resp: 87801

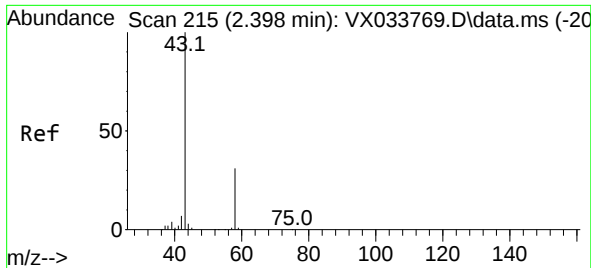
Ion Ratio Lower Upper

53 100

52 83.4 41.0 123.2

51 35.4 17.6 52.8





#15

Acetone

Concen: 104.508 ug/l

RT: 2.386 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion: 58 Resp: 25254

Ion Ratio Lower Upper

58 100

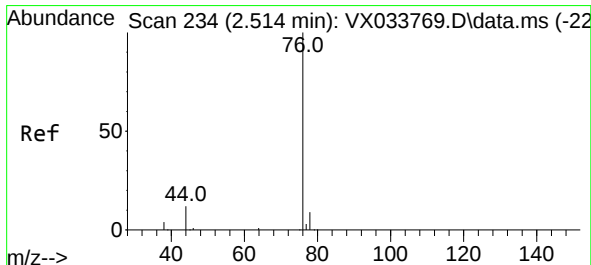
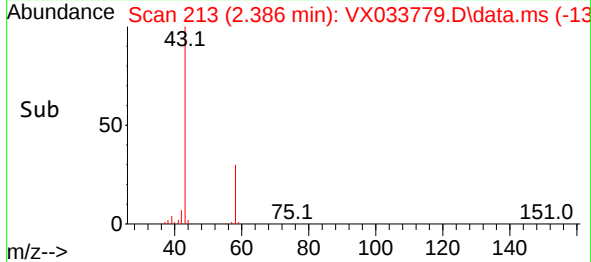
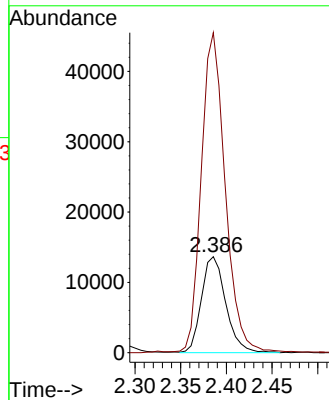
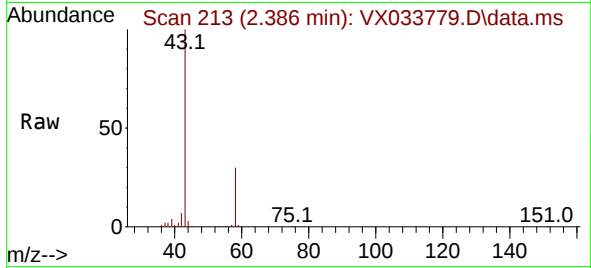
43 331.8 258.6 388.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#16

Carbon Disulfide

Concen: 19.923 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033779.D

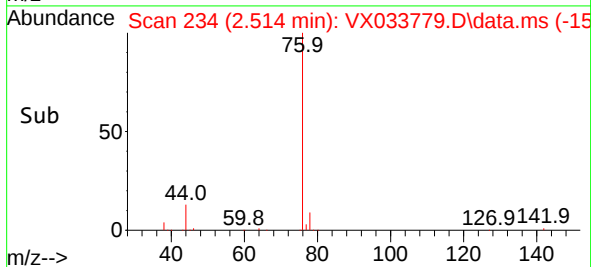
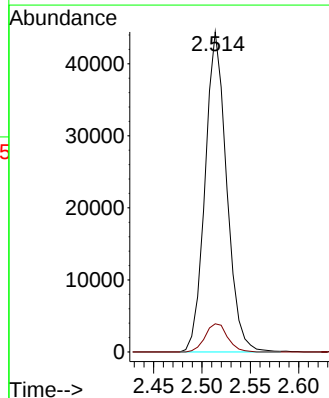
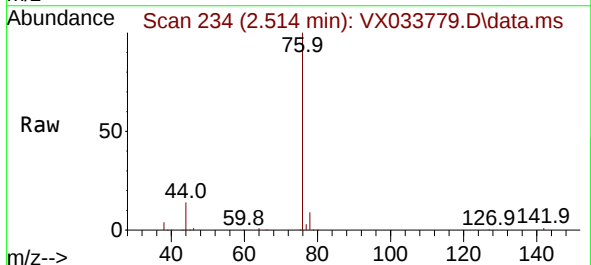
Acq: 18 Jan 2023 17:05

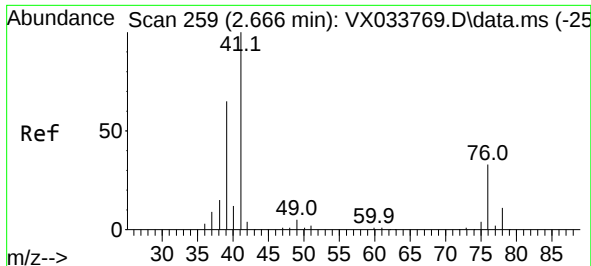
Tgt Ion: 76 Resp: 69038

Ion Ratio Lower Upper

76 100

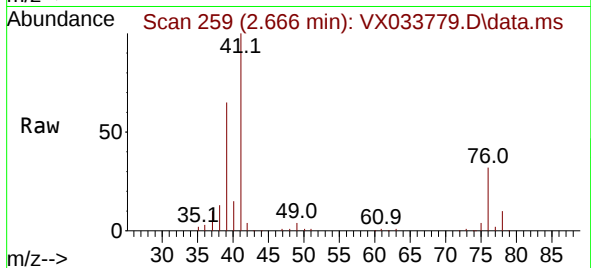
78 8.8 6.9 10.3





#17
 Allyl chloride
 Concen: 20.712 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033779.D
 Acq: 18 Jan 2023 17:05

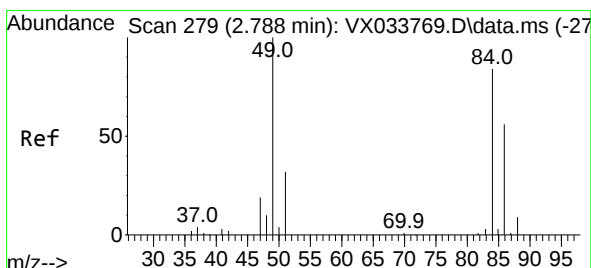
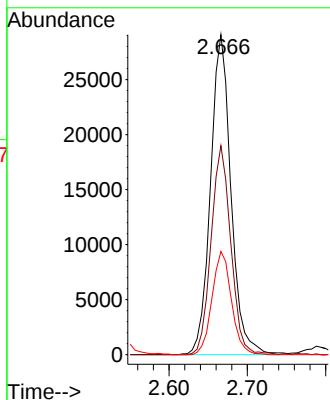
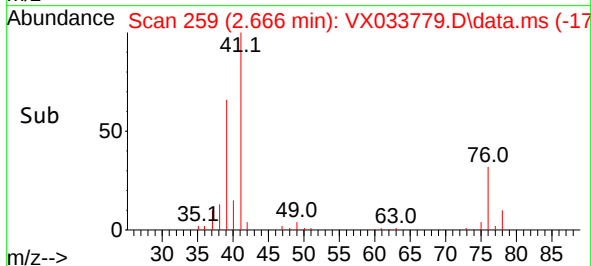
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01



Tgt Ion: 41 Resp: 5284
 Ion Ratio Lower Upper
 41 100
 39 65.3 32.5 97.4
 76 32.3 16.6 49.8

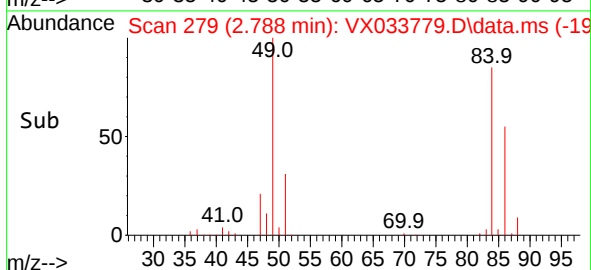
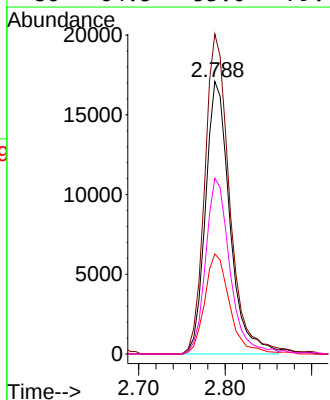
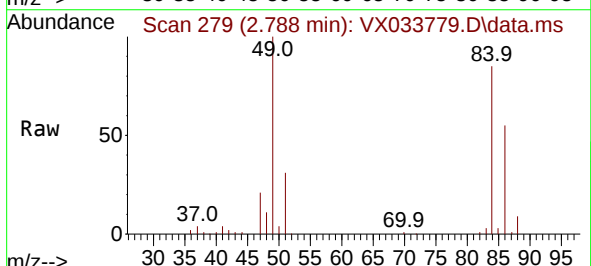
Manual Integrations
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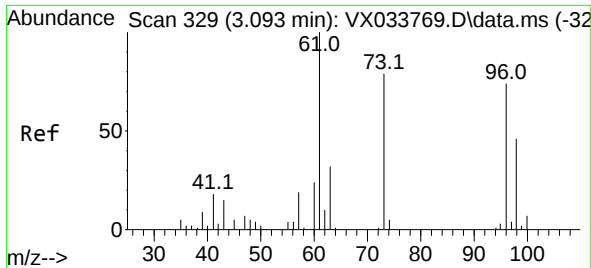
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#18
 Methylene Chloride
 Concen: 20.995 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033779.D
 Acq: 18 Jan 2023 17:05

Tgt Ion: 84 Resp: 33415
 Ion Ratio Lower Upper
 84 100
 49 117.5 95.0 142.6
 51 36.7 30.3 45.5
 86 64.5 53.0 79.4





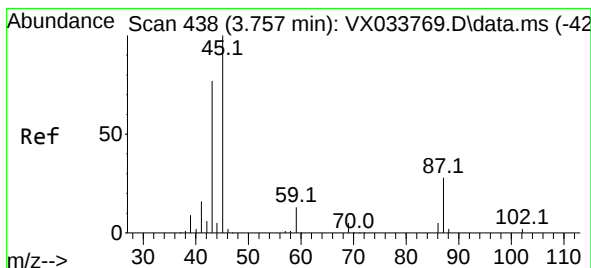
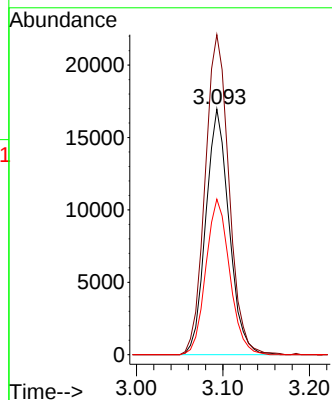
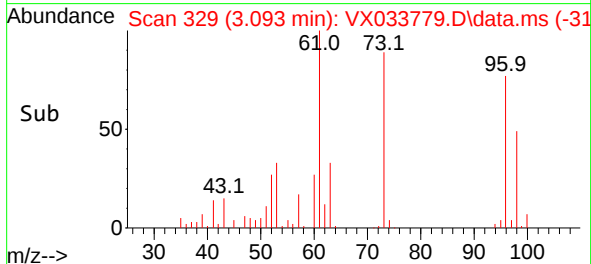
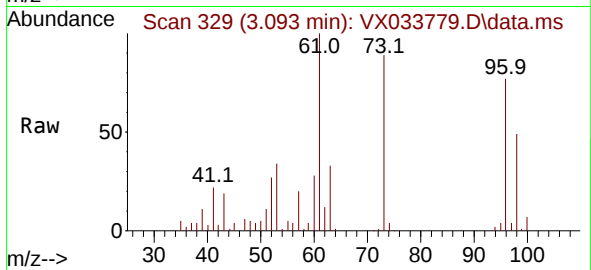
#19
trans-1,2-Dichloroethene
Concen: 20.806 ug/l
RT: 3.093 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 96 Resp: 3166
Ion Ratio Lower Upper
96 100
61 130.3 107.7 161.5
98 63.3 49.8 74.6

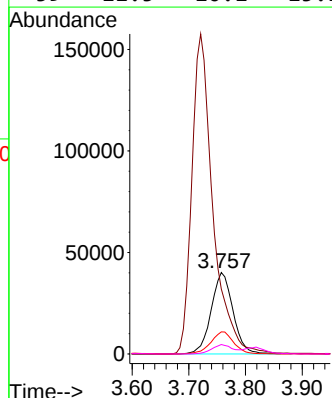
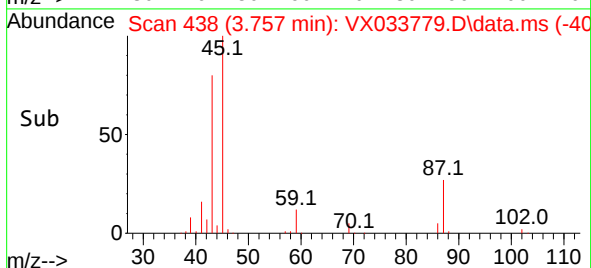
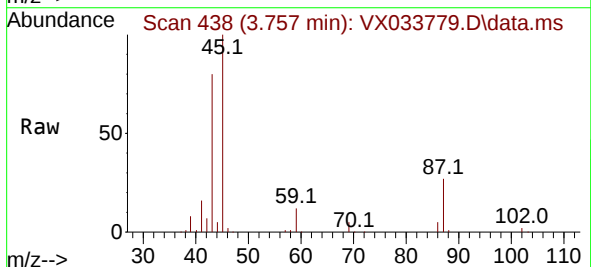
Manual Integrations
APPROVED

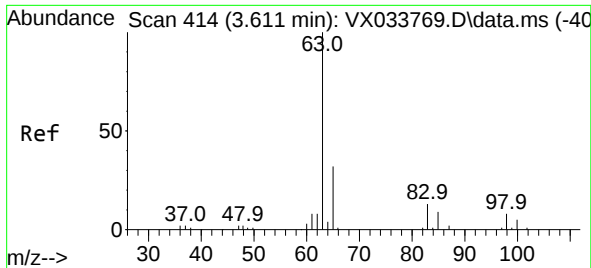
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#20
Diisopropyl ether
Concen: 21.470 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 45 Resp: 107380
Ion Ratio Lower Upper
45 100
43 78.5 66.6 99.8
87 27.2 22.3 33.5
59 11.5 10.1 15.1





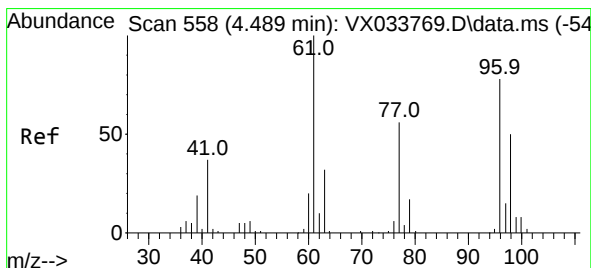
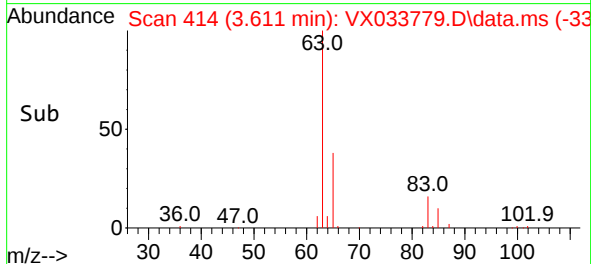
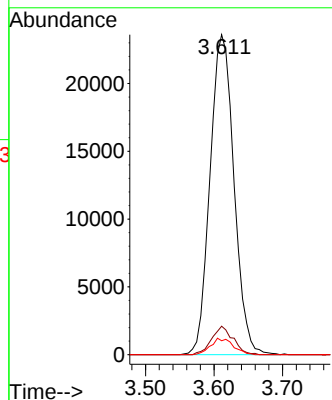
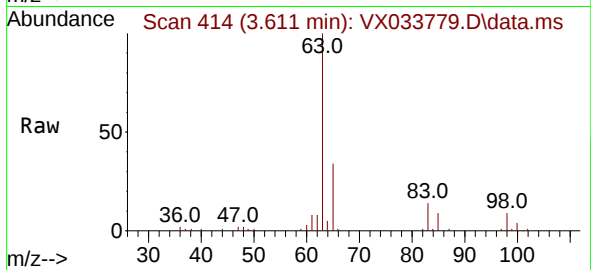
#21
1,1-Dichloroethane
Concen: 20.917 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 63 Resp: 5724
Ion Ratio Lower Upper
63 100
98 8.9 4.0 12.2
100 4.3 2.3 6.9

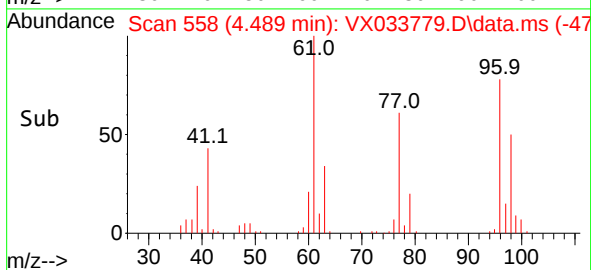
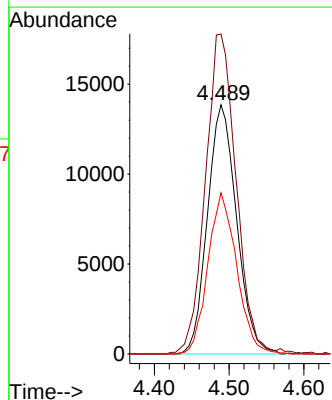
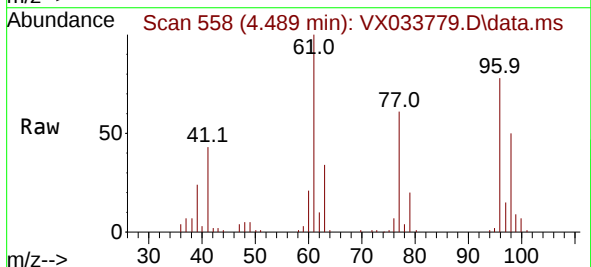
Manual Integrations
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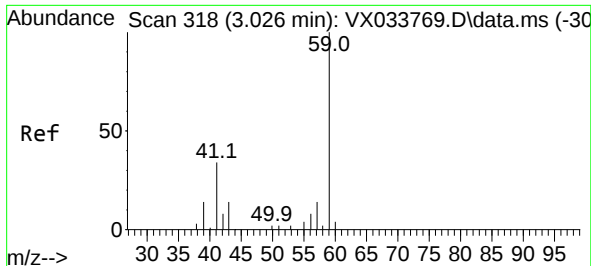
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 21.056 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 96 Resp: 37651
Ion Ratio Lower Upper
96 100
61 134.5 109.0 163.6
98 63.8 51.7 77.5





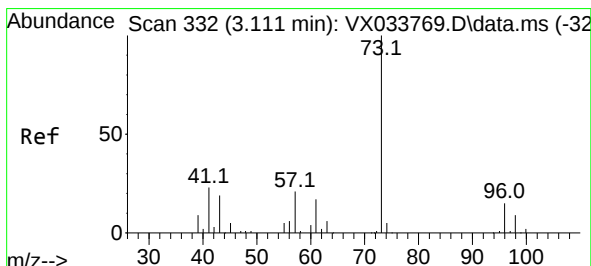
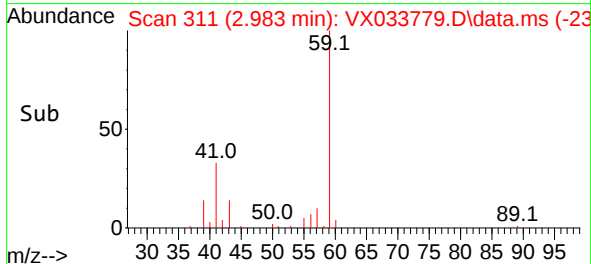
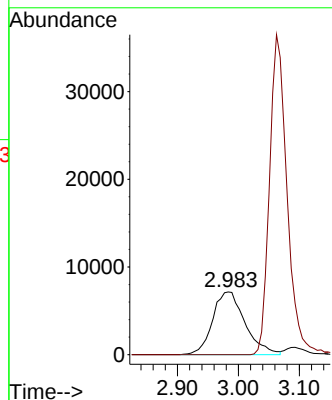
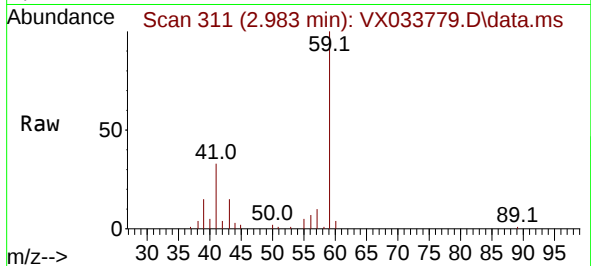
#23
tert-Butyl Alcohol
Concen: 95.528 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.043 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 59 Resp: 26528
Ion Ratio Lower Upper
59 100
52 0.0 186.7 280.1

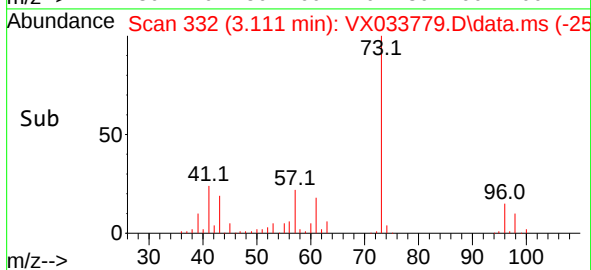
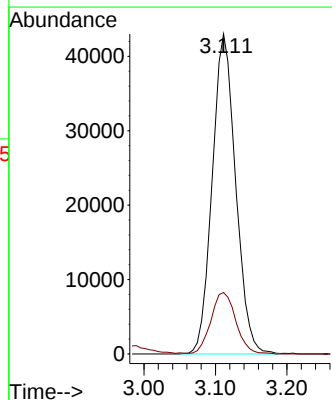
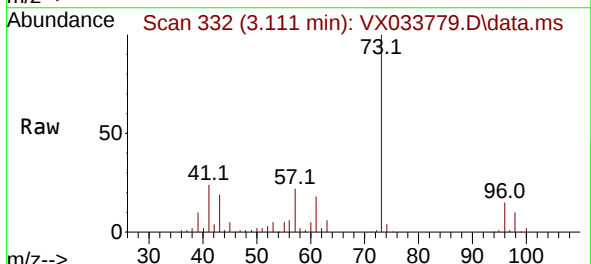
Manual Integrations
APPROVED

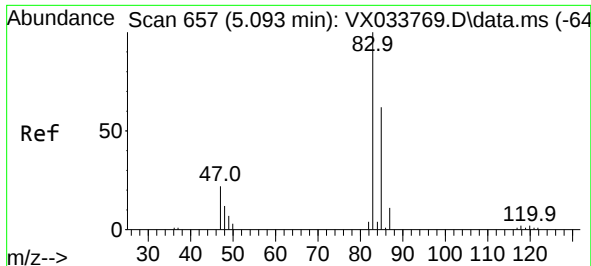
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 20.912 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 73 Resp: 97874
Ion Ratio Lower Upper
73 100
43 20.5 16.9 25.3





#25

Chloroform

Concen: 21.643 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion: 83 Resp: 5957

Ion Ratio Lower Upper

83 100

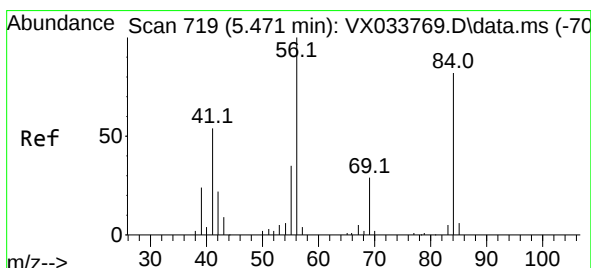
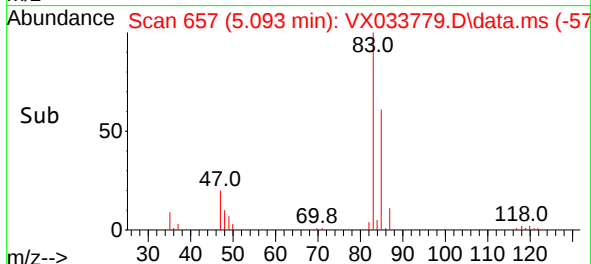
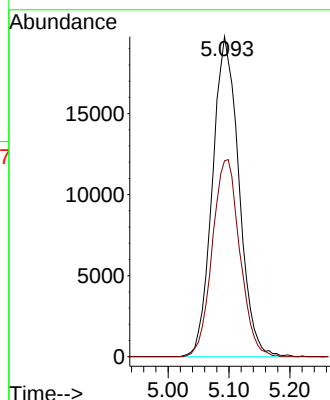
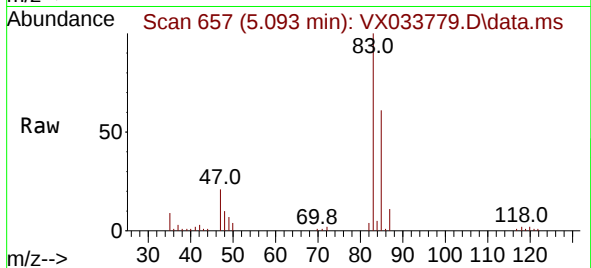
85 61.2 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#26

Cyclohexane

Concen: 20.493 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

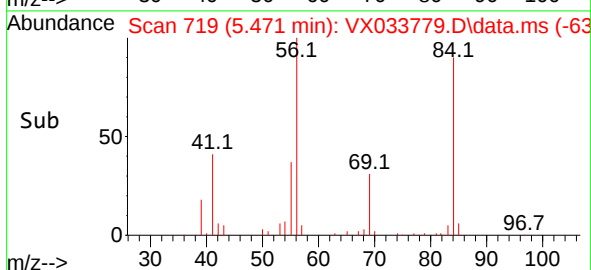
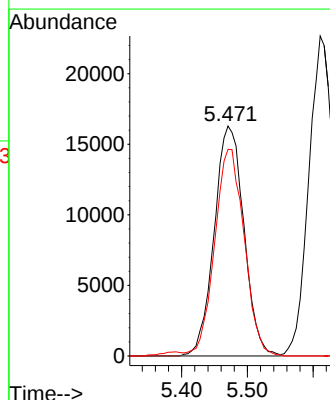
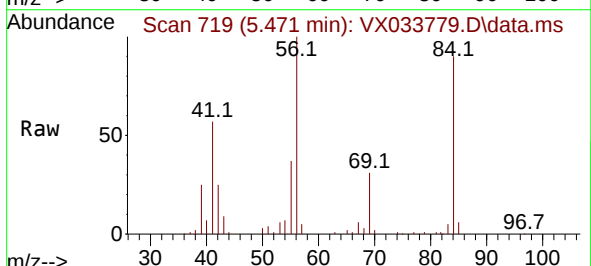
Tgt Ion: 56 Resp: 51110

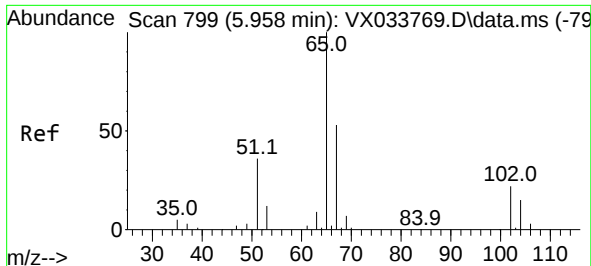
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.6 72.0 108.0





#27

1,2-Dichloroethane-d4

Concen: 30.752 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion: 65 Resp: 3785

Ion Ratio Lower Upper

65 100

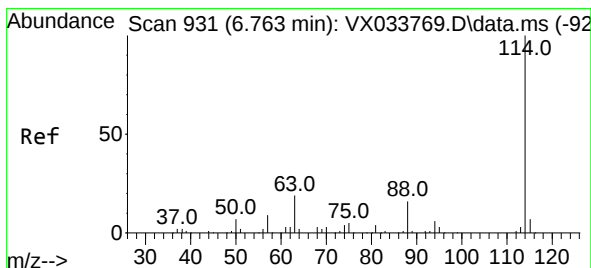
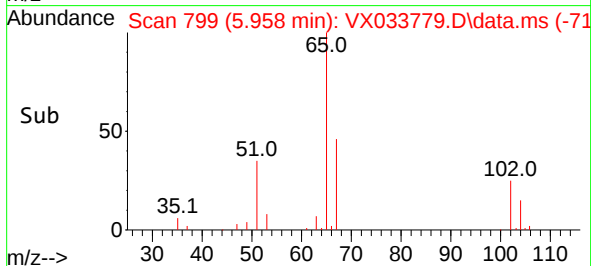
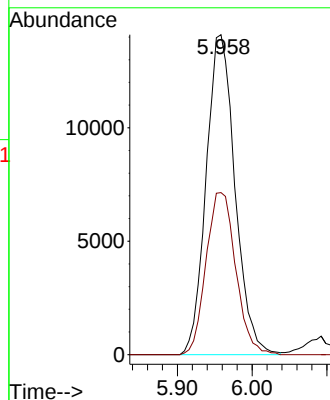
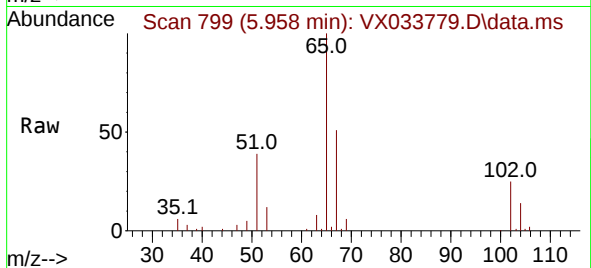
67 52.0 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

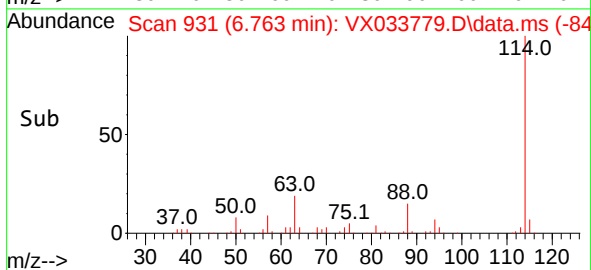
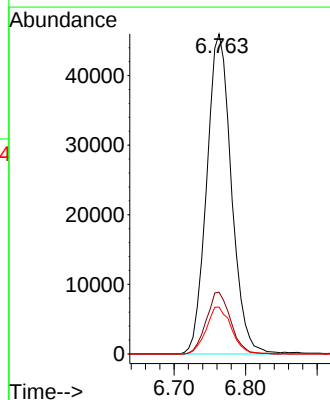
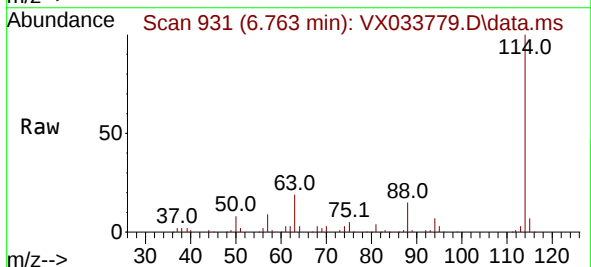
Tgt Ion:114 Resp: 110341

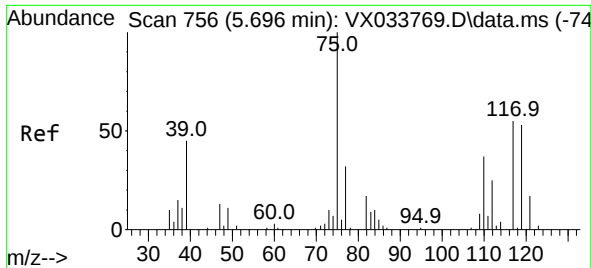
Ion Ratio Lower Upper

114 100

63 19.0 15.2 22.8

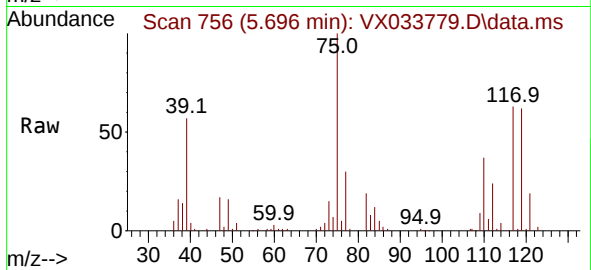
88 14.8 12.4 18.6





#29
1,1-Dichloropropene
Concen: 20.501 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

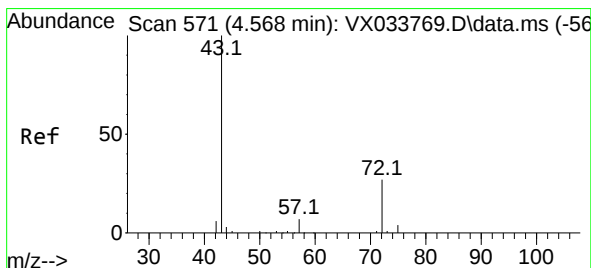
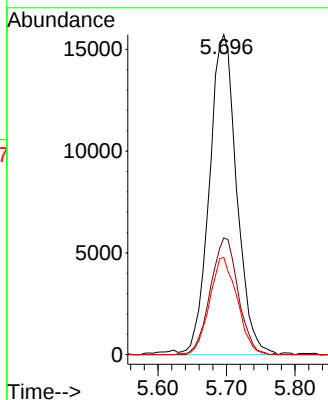
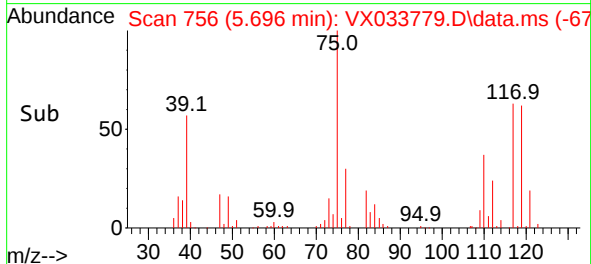


Tgt Ion: 75 Resp: 43449

Ion	Ratio	Lower	Upper
75	100		
110	36.9	0.0	75.8
77	30.7	0.0	62.4

Manual Integrations
APPROVED

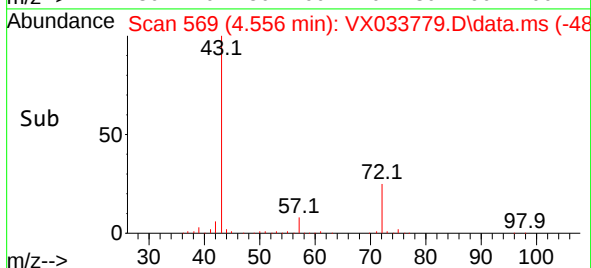
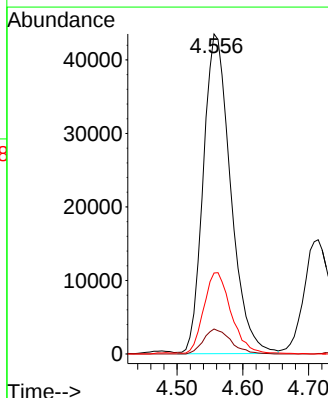
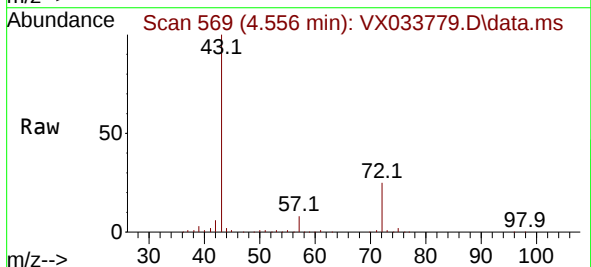
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

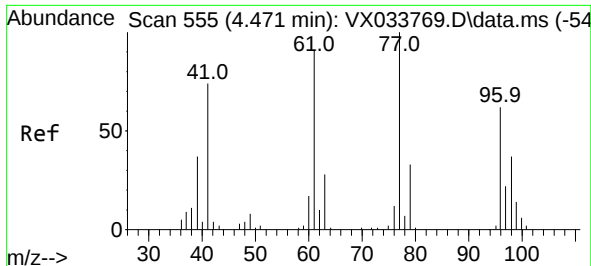


#30
2-Butanone
Concen: 107.467 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 43 Resp: 125836

Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.0	9.0
72	25.6	20.6	30.8





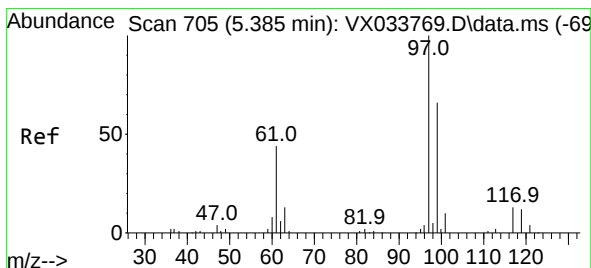
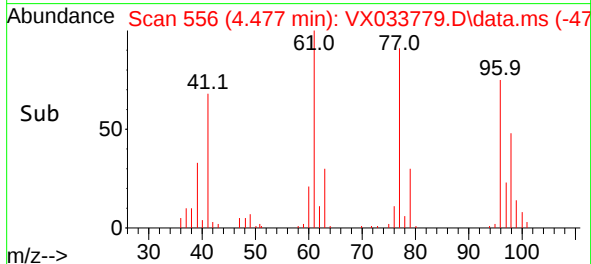
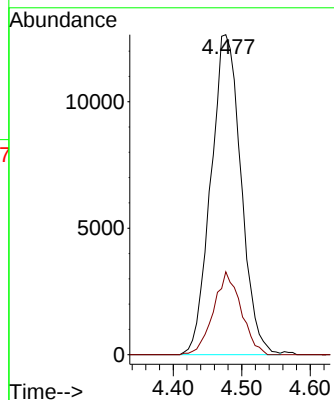
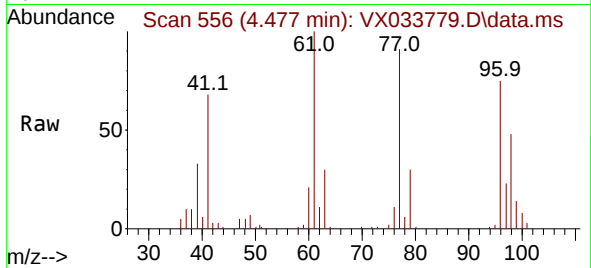
#31
2,2-Dichloropropane
Concen: 19.244 ug/l
RT: 4.477 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 77 Resp: 3868
Ion Ratio Lower Upper
77 100
97 23.6 19.6 29.4

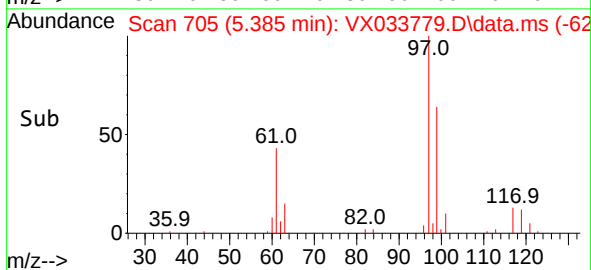
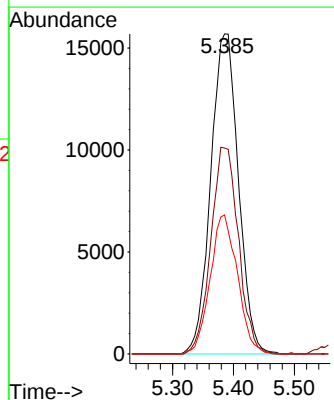
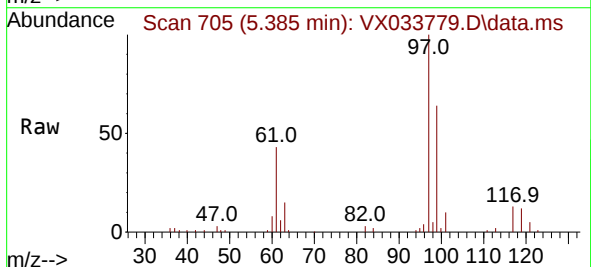
Manual Integrations
APPROVED

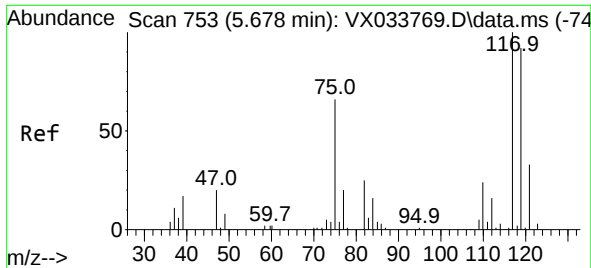
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 20.308 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

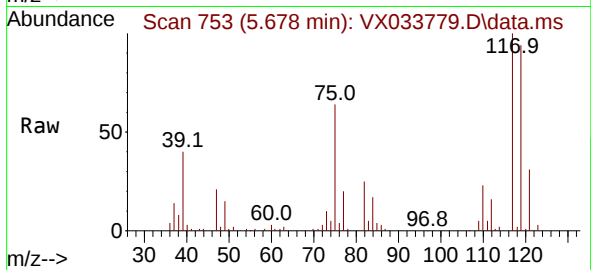
Tgt Ion: 97 Resp: 49563
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 42.9 34.7 52.1





#33
Carbon Tetrachloride
Concen: 20.217 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

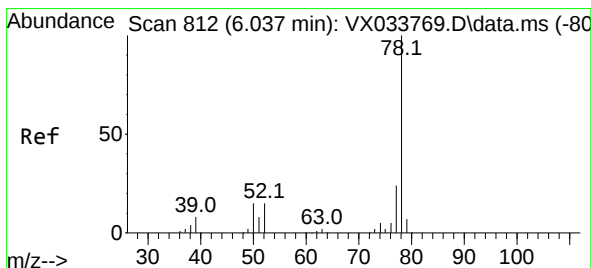
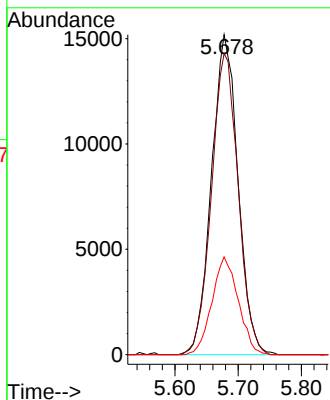
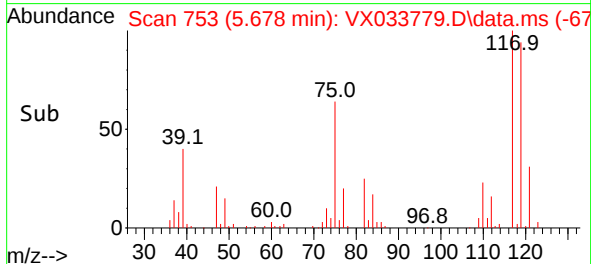
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion:117 Resp: 4416
Ion Ratio Lower Upper
117 100
119 94.1 73.8 110.6
121 30.6 26.2 39.4

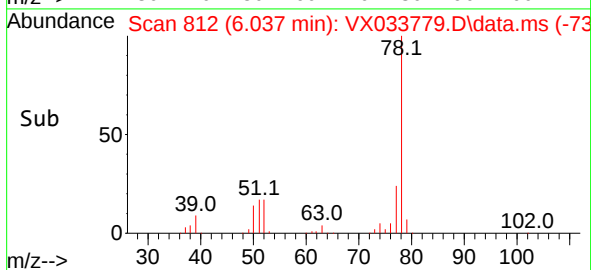
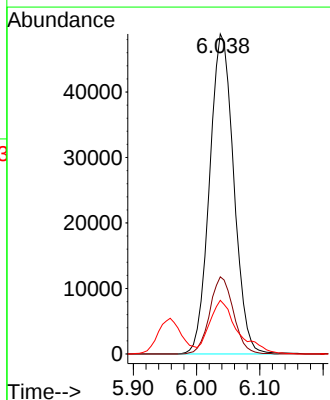
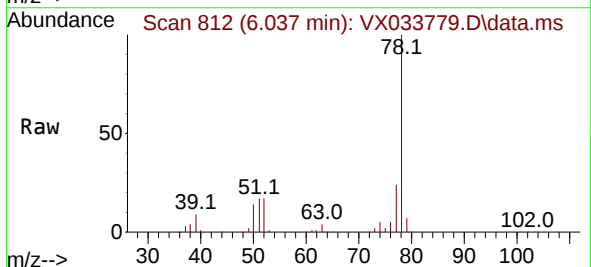
Manual Integrations
APPROVED

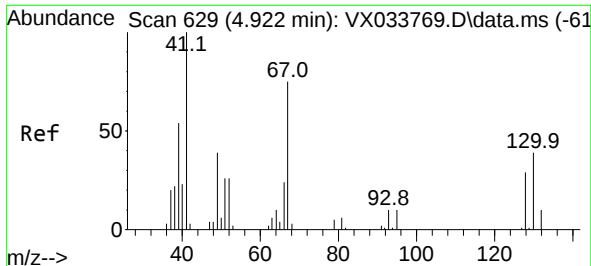
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
Benzene
Concen: 20.615 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

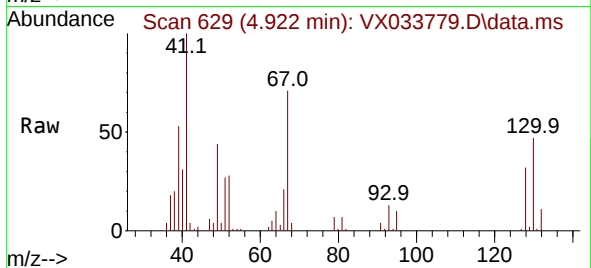
Tgt Ion: 78 Resp: 129671
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 16.4 11.9 17.9





#35
Methacrylonitrile
Concen: 21.059 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

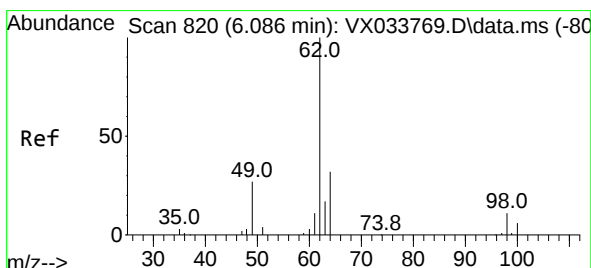
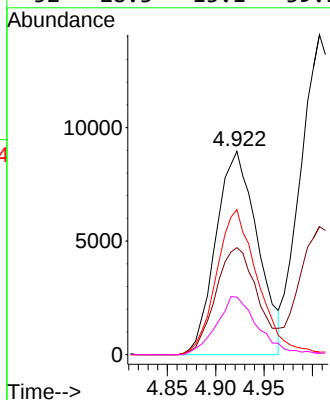
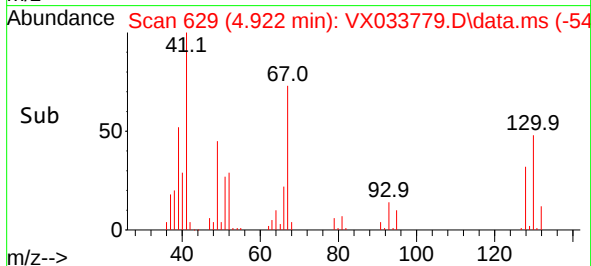


Tgt Ion: 41 Resp: 2685

Ion	Ratio	Lower	Upper
41	100		
39	52.6	27.0	80.8
67	71.4	37.3	111.8
52	28.3	13.1	39.1

Manual Integrations
APPROVED

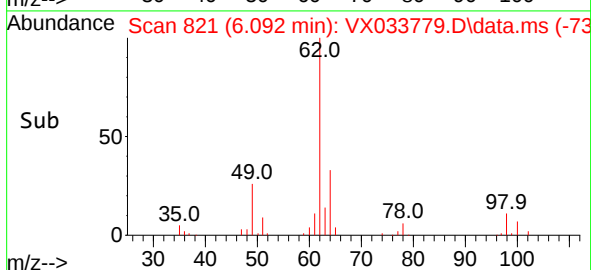
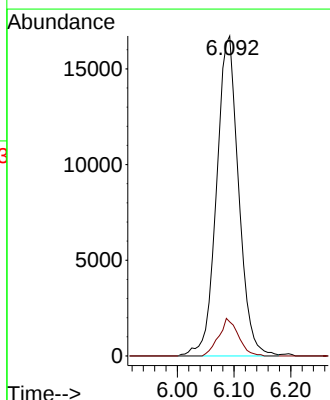
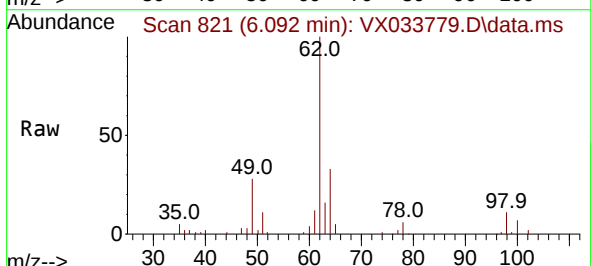
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

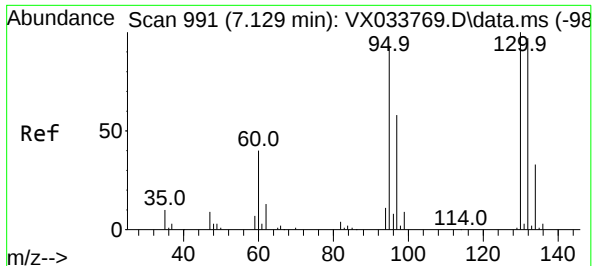


#36
1,2-Dichloroethane
Concen: 20.457 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 62 Resp: 45262

Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.2	12.4





#37

Trichloroethene

Concen: 20.547 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion:130 Resp: 36499

Ion Ratio Lower Upper

130 100

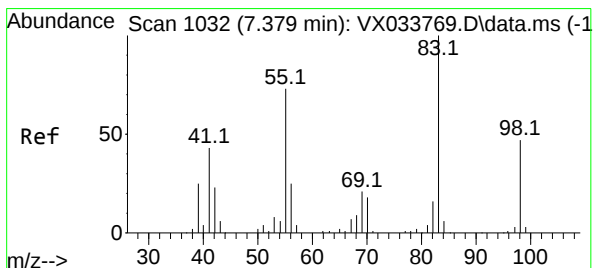
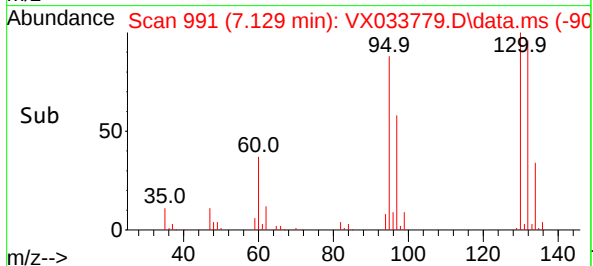
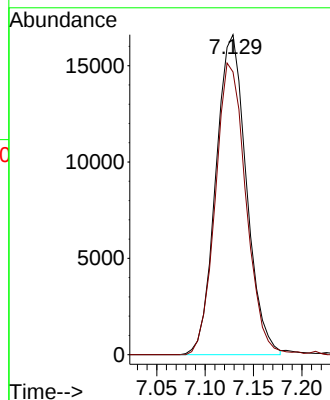
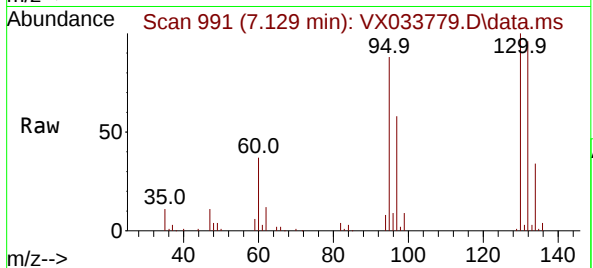
95 88.4 74.1 111.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#38

Methylcyclohexane

Concen: 20.332 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

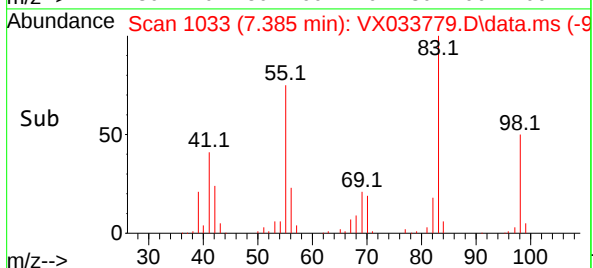
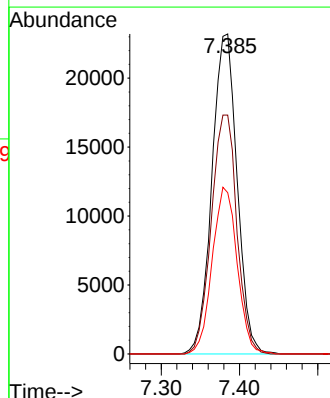
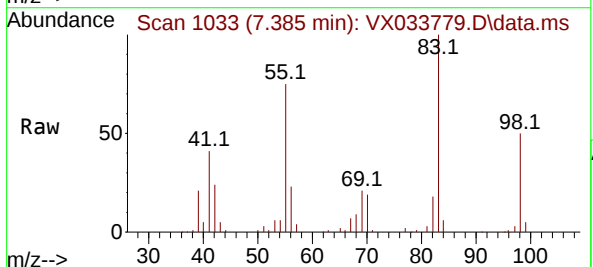
Tgt Ion: 83 Resp: 51848

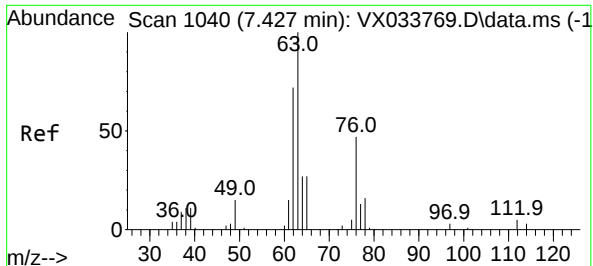
Ion Ratio Lower Upper

83 100

55 75.9 38.9 116.6

98 51.6 25.4 76.4





#39

1,2-Dichloropropane

Concen: 21.487 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

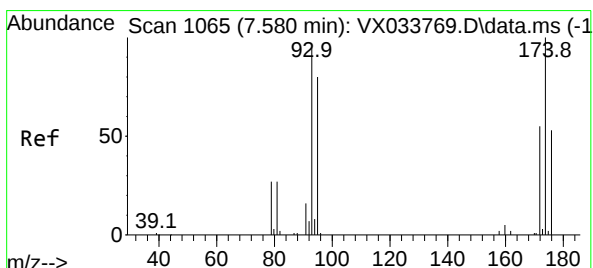
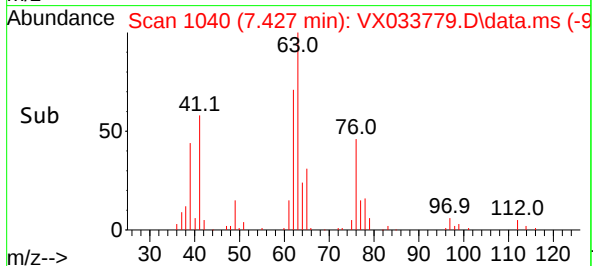
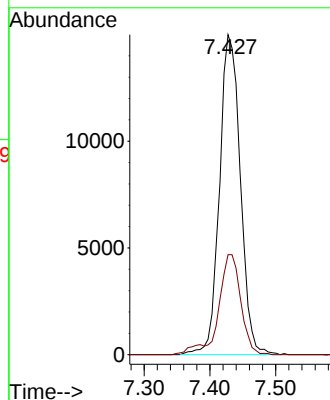
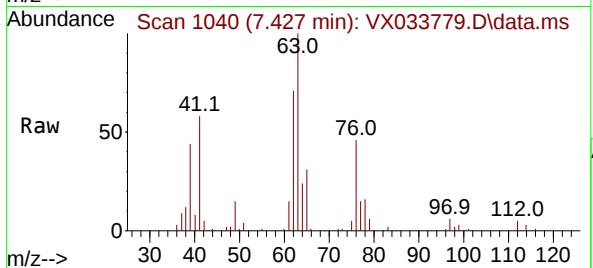
Tgt Ion: 63 Resp: 3308
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 20.885 ug/l

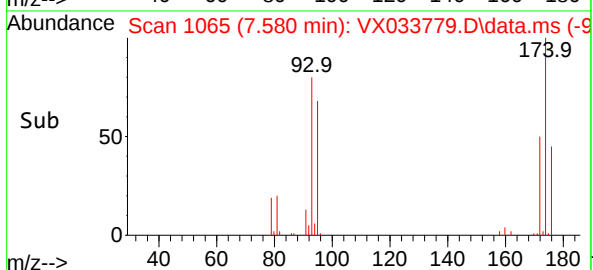
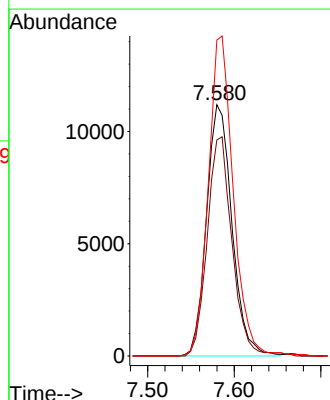
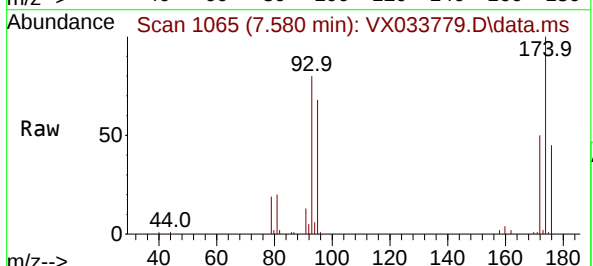
RT: 7.580 min Scan# 1065

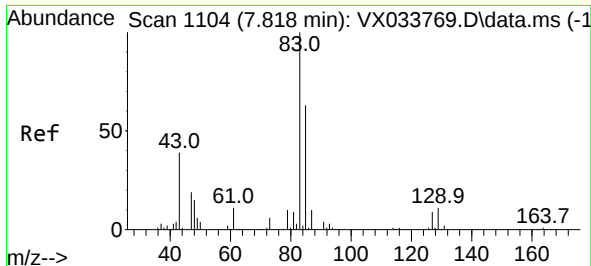
Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Tgt Ion: 93 Resp: 22859
 Ion Ratio Lower Upper
 93 100
 95 85.1 0.0 165.4
 174 123.9 0.0 227.2





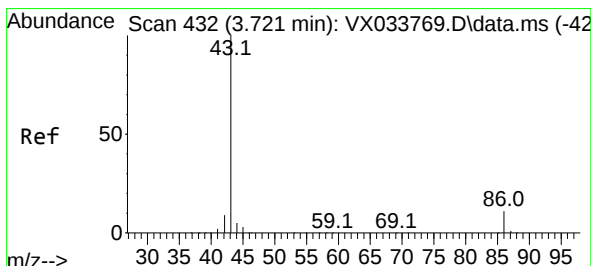
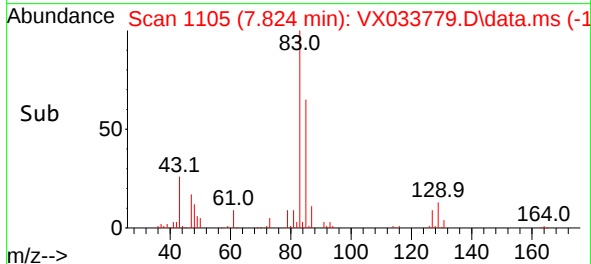
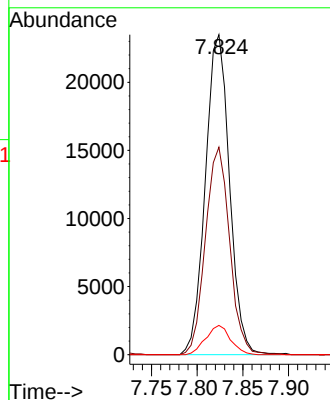
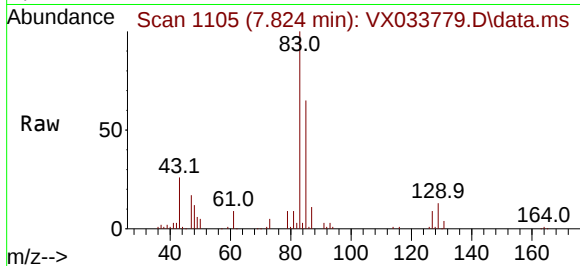
#41
Bromodichloromethane
Concen: 20.659 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 83 Resp: 4314
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 9.1 7.2 10.8

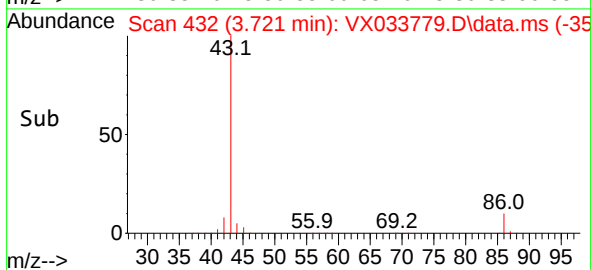
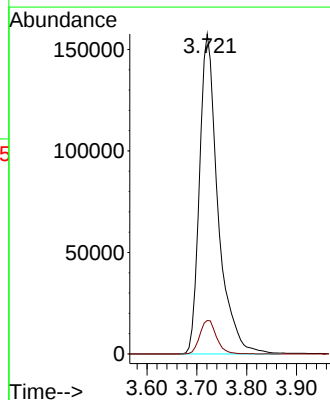
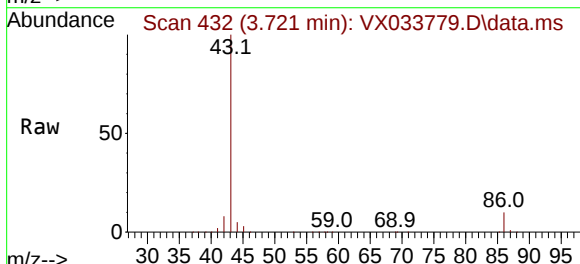
Manual Integrations
APPROVED

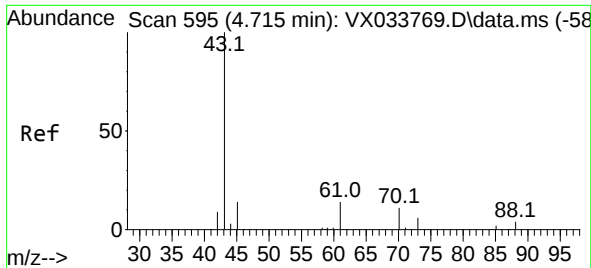
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 103.148 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

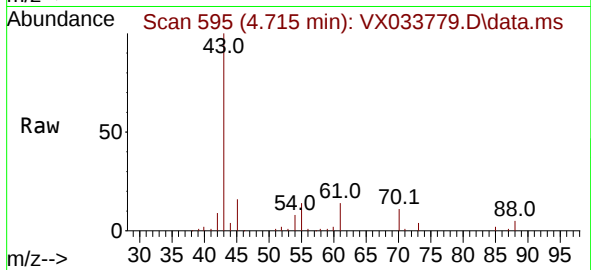
Tgt Ion: 43 Resp: 405819
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





#43
Ethyl Acetate
Concen: 20.400 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

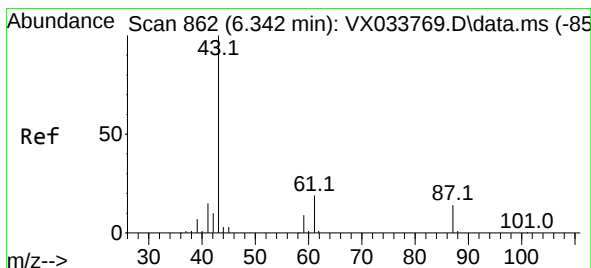
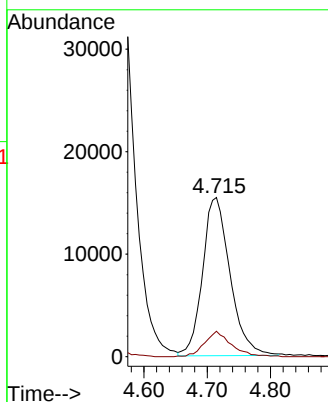
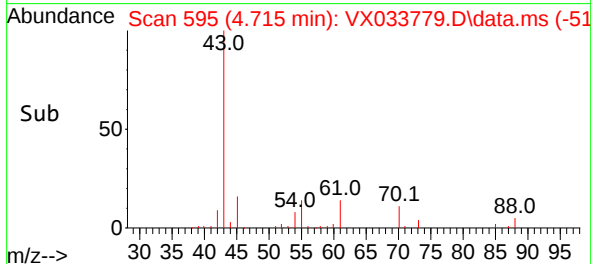
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



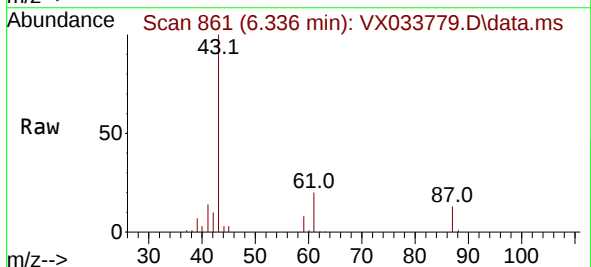
Tgt Ion: 43 Resp: 46694
Ion Ratio Lower Upper
43 100
45 15.2 12.1 18.1

Manual Integrations
APPROVED

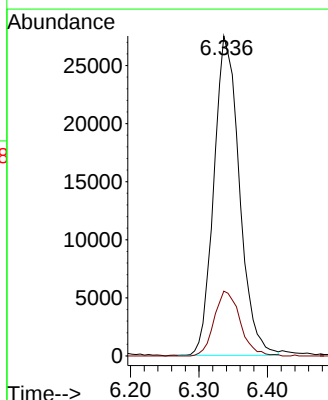
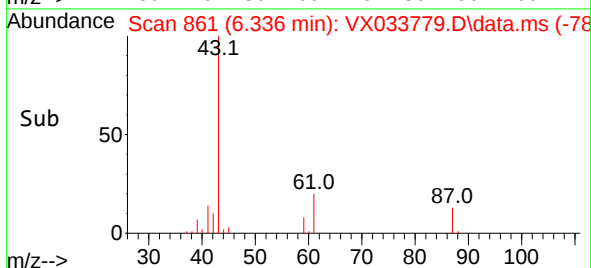
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

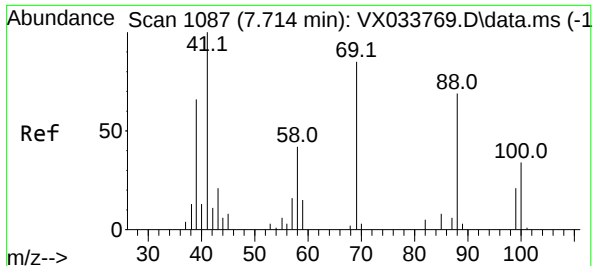


#44
Isopropyl Acetate
Concen: 20.411 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05



Tgt Ion: 43 Resp: 71040
Ion Ratio Lower Upper
43 100
61 20.5 15.6 23.4





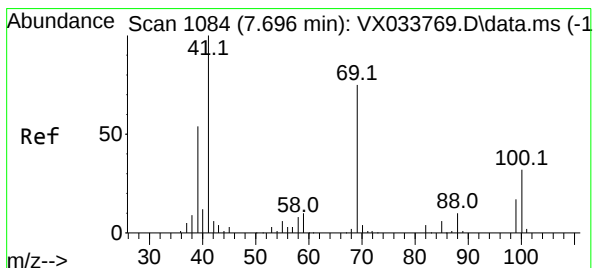
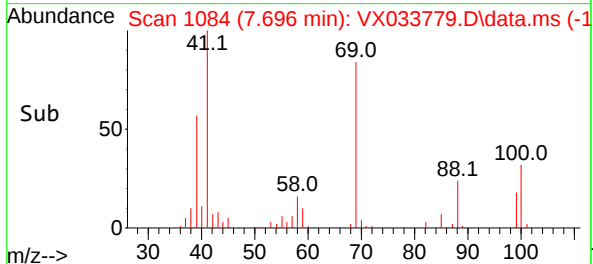
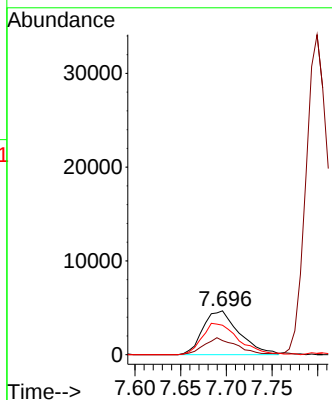
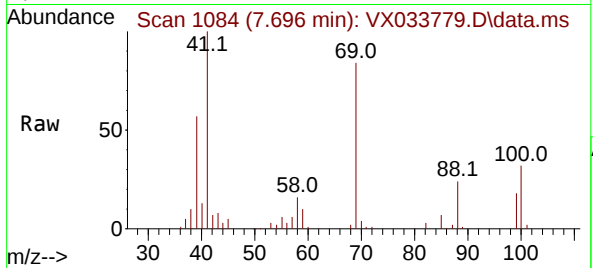
#45
1,4-Dioxane
Concen: 358.544 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.018 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 88 Resp: 1289
Ion Ratio Lower Upper
88 100
43 35.0 2.8 4.2
58 70.8 56.5 84.7

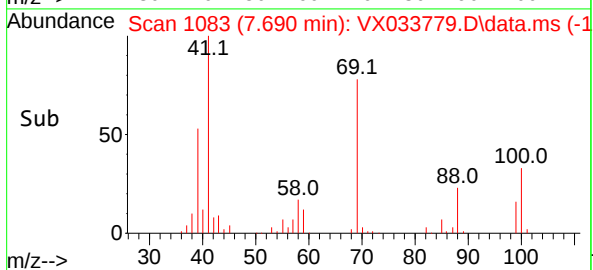
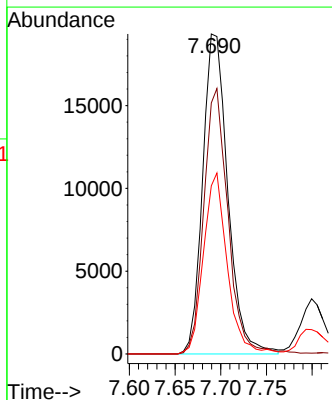
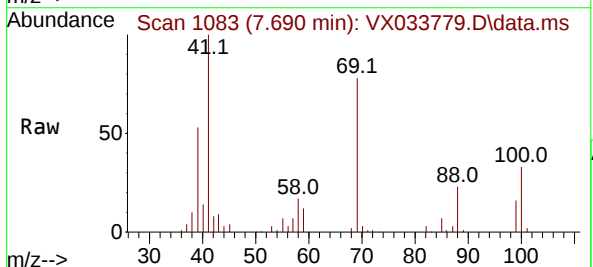
Manual Integrations
APPROVED

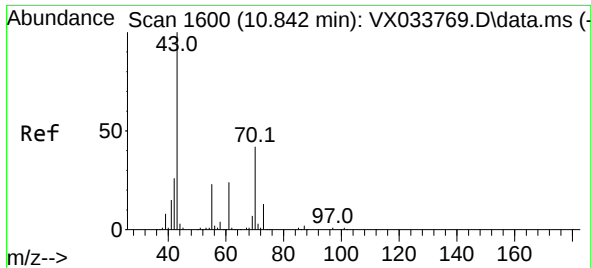
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#46
Methyl methacrylate
Concen: 20.964 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

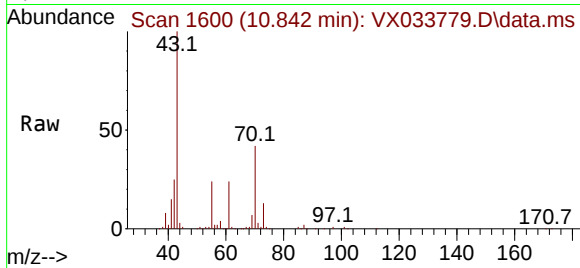
Tgt Ion: 41 Resp: 37049
Ion Ratio Lower Upper
41 100
69 78.4 37.4 112.2
39 52.6 27.2 81.5





#47
n-amy1 Acetate
Concen: 20.626 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

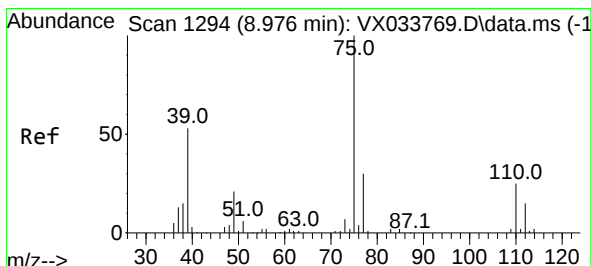
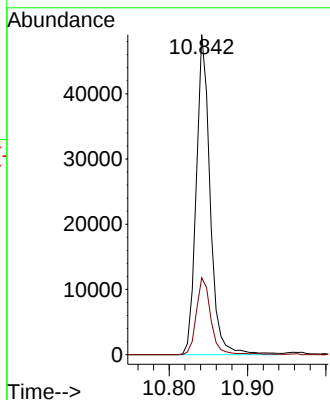
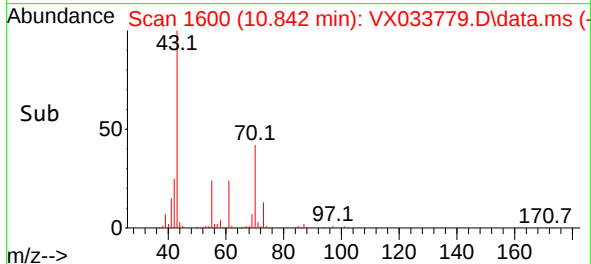
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion: 43 Resp: 60559
Ion Ratio Lower Upper
43 100
55 24.6 19.8 29.6

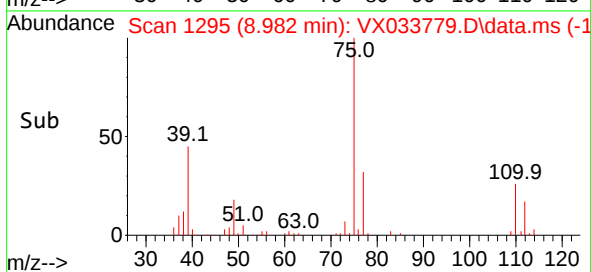
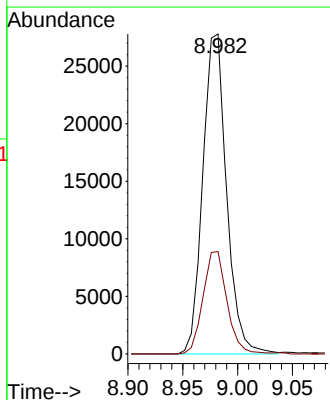
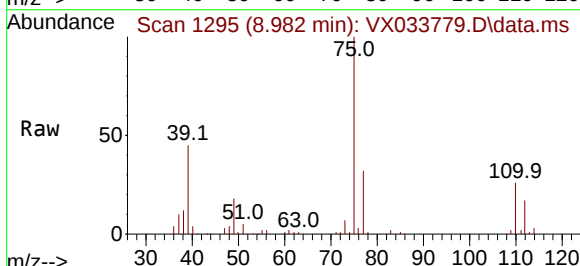
Manual Integrations
APPROVED

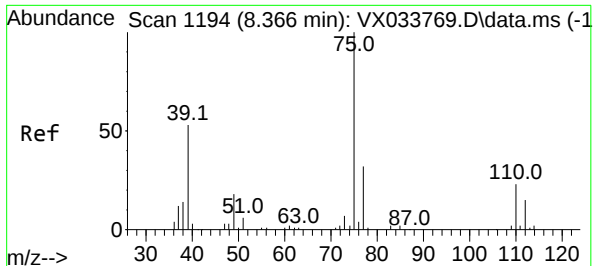
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
t-1,3-Dichloropropene
Concen: 19.089 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 75 Resp: 41997
Ion Ratio Lower Upper
75 100
77 32.0 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 19.534 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion: 75 Resp: 48510

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8

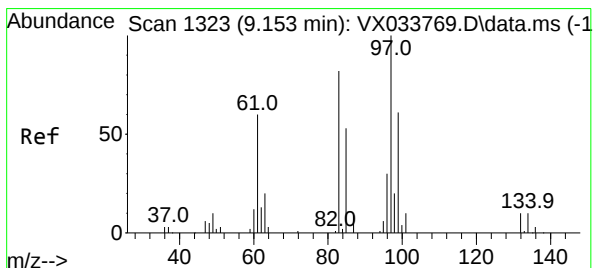
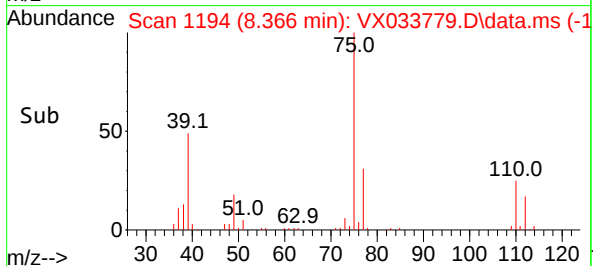
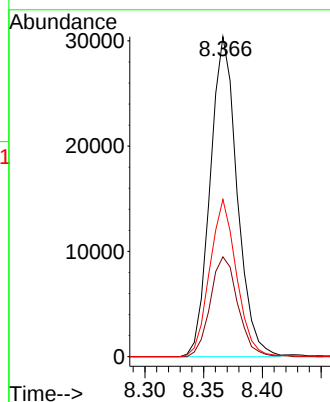
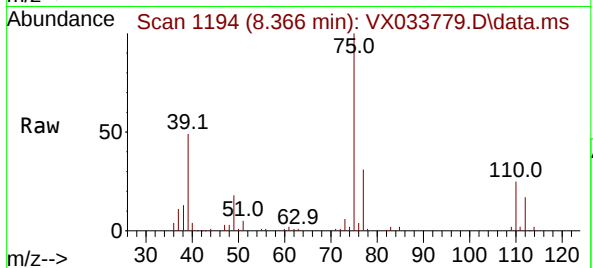
39 49.1 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 21.100 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Tgt Ion: 97 Resp: 34259

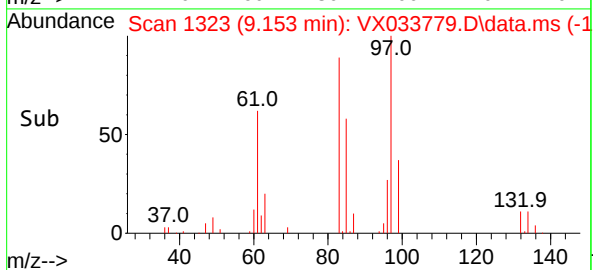
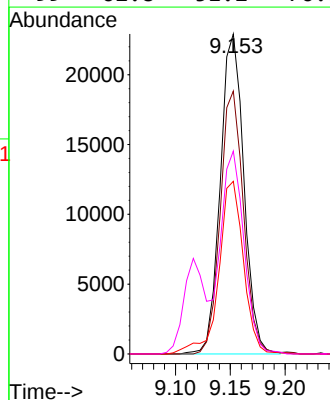
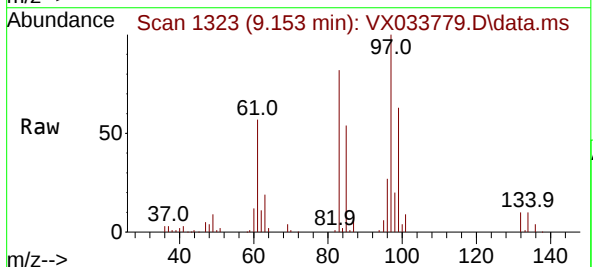
Ion Ratio Lower Upper

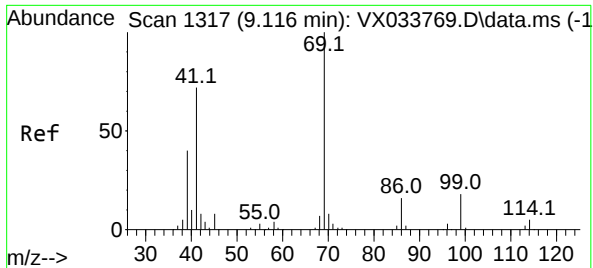
97 100

83 82.2 65.4 98.0

85 53.6 42.5 63.7

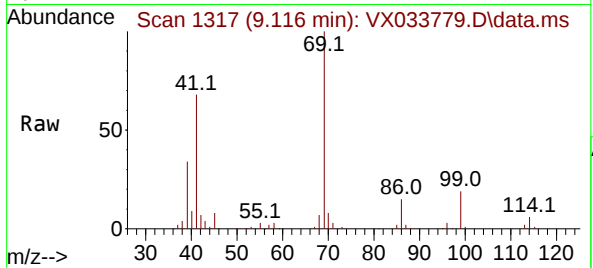
99 62.8 51.2 76.8





#51
Ethyl methacrylate
Concen: 20.884 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

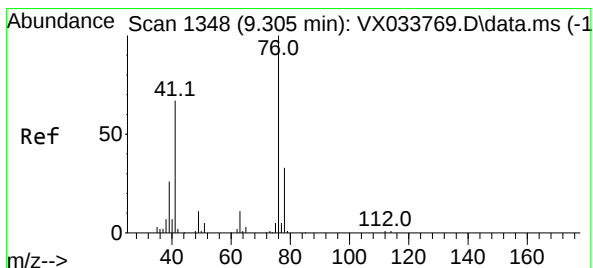
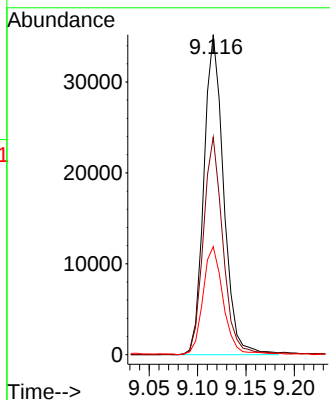
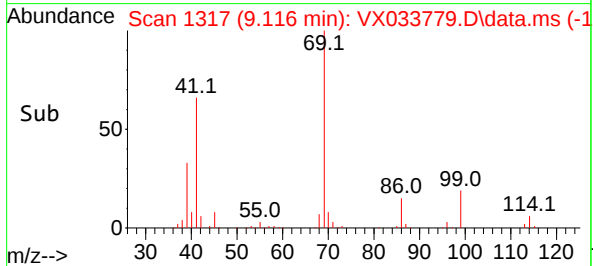
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



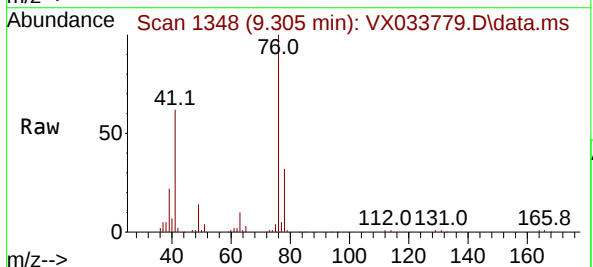
Tgt Ion: 69 Resp: 50230
Ion Ratio Lower Upper
69 100
41 68.0 35.8 107.3
39 33.7 20.2 60.6

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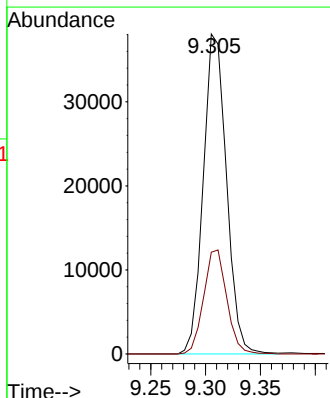
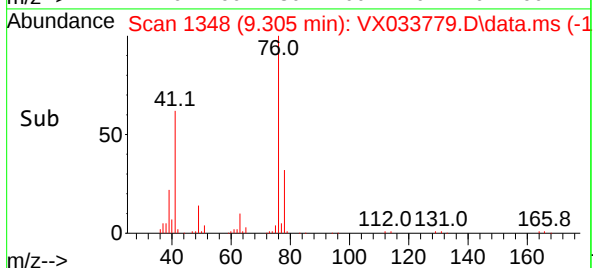
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

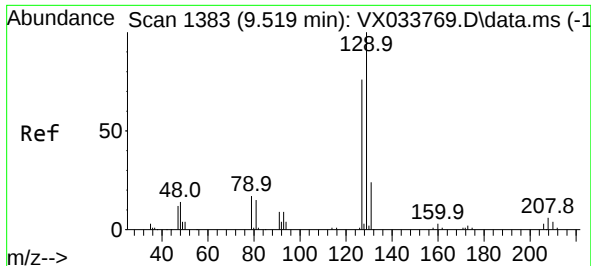


#52
1,3-Dichloropropane
Concen: 20.540 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05



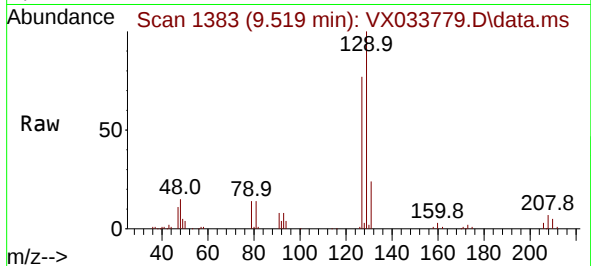
Tgt Ion: 76 Resp: 56203
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





#53
Dibromochloromethane
Concen: 19.861 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

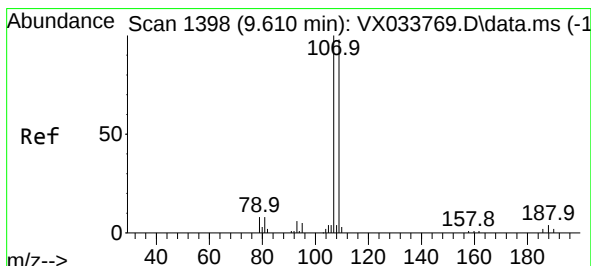
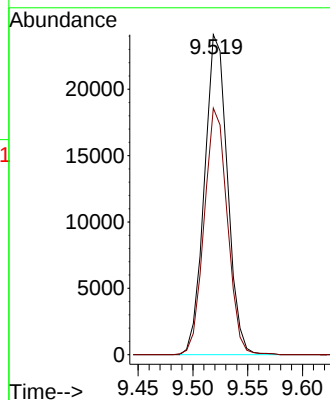
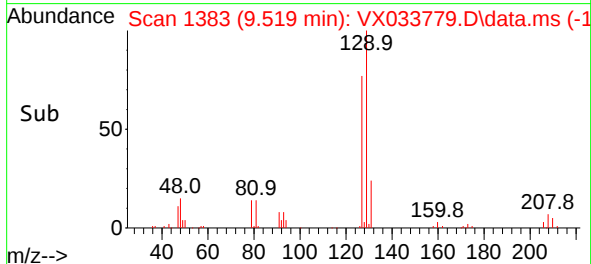
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



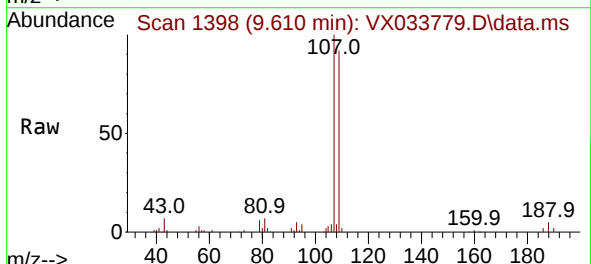
Tgt Ion:129 Resp: 35220
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

Manual Integrations
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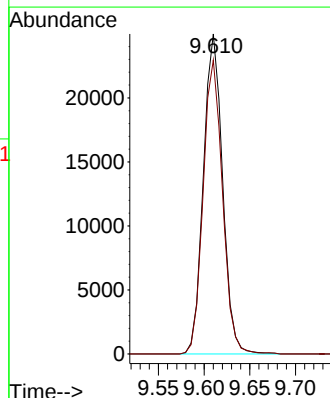
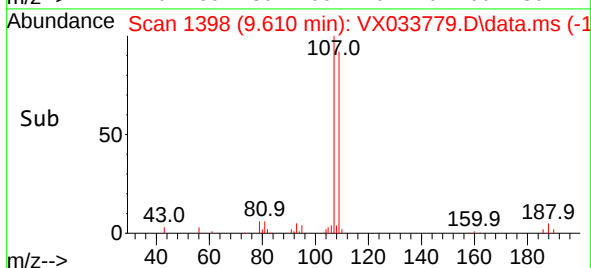
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

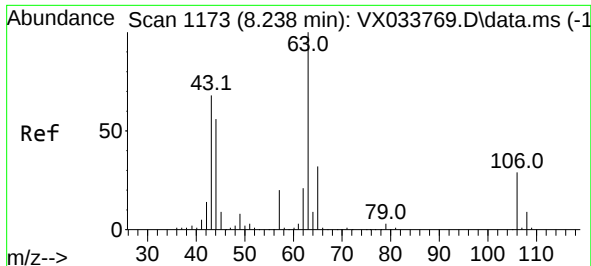


#54
1,2-Dibromoethane
Concen: 20.790 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05



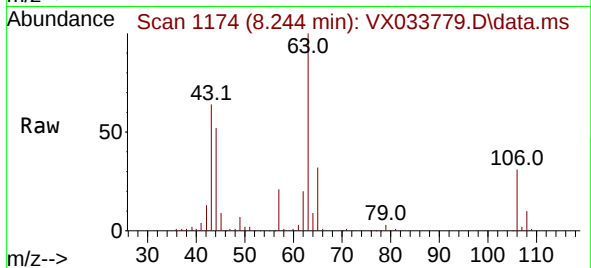
Tgt Ion:107 Resp: 36463
Ion Ratio Lower Upper
107 100
109 92.6 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 94.753 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

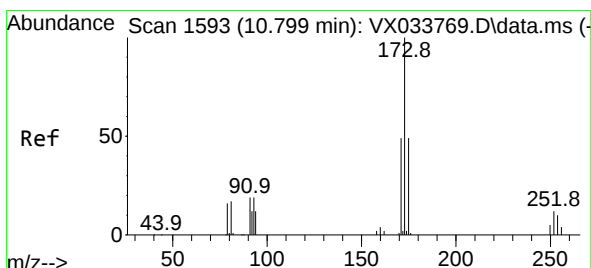
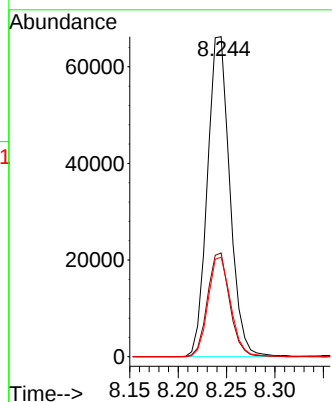
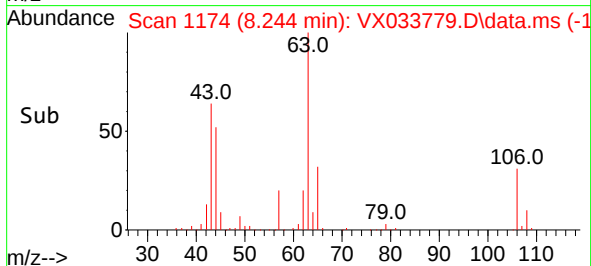
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion: 63 Resp: 10701
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2
106 31.2 23.9 35.9

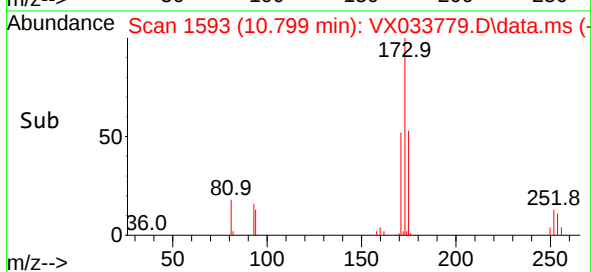
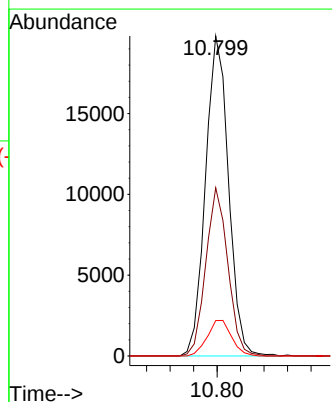
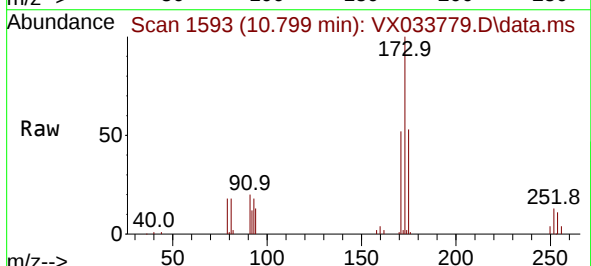
Manual Integrations
APPROVED

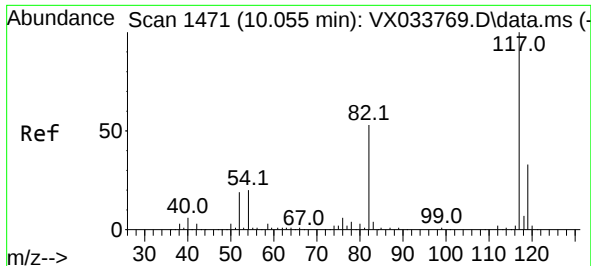
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#56
Bromoform
Concen: 19.586 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion:173 Resp: 26956
Ion Ratio Lower Upper
173 100
175 50.2 39.8 59.6
254 11.8 9.0 13.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion: 117 Resp: 119300

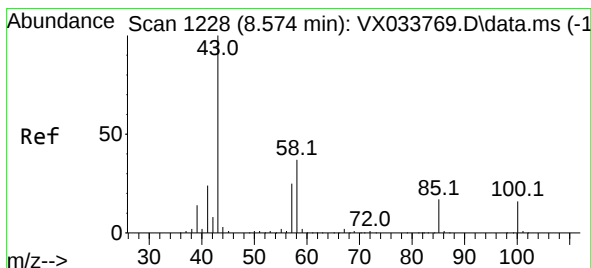
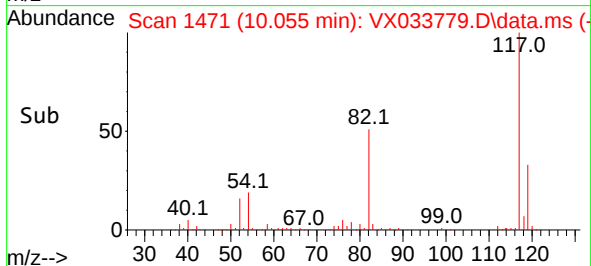
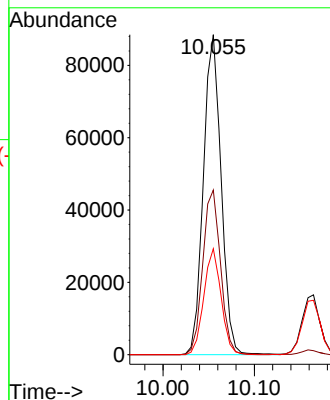
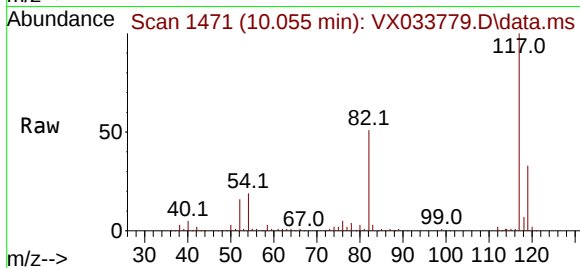
Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	64.0
119	32.2	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

4-Methyl-2-Pentanone

Concen: 110.279 ug/l

RT: 8.574 min Scan# 1228

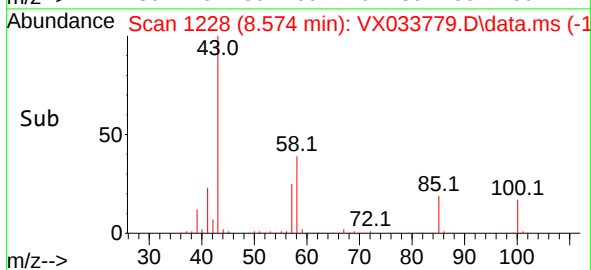
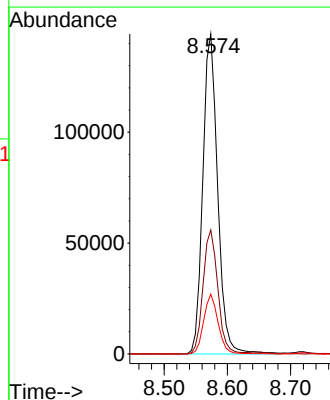
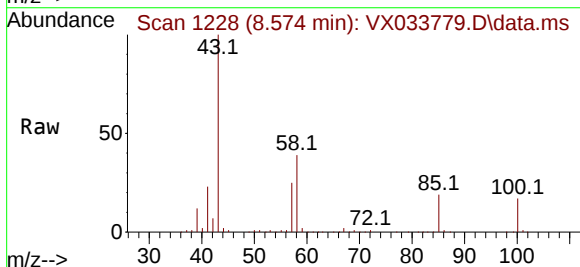
Delta R.T. 0.000 min

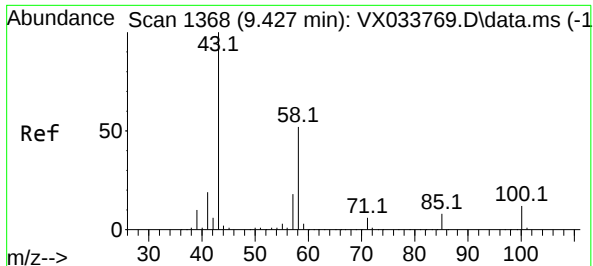
Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Tgt Ion: 43 Resp: 236491

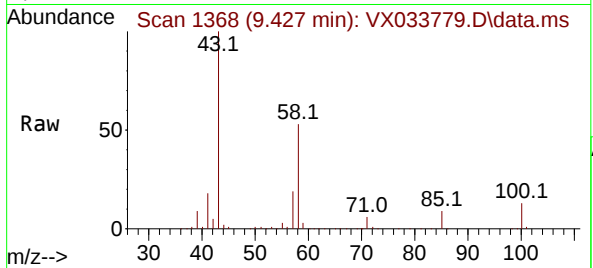
Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.8	44.6
85	18.1	13.7	20.5





#59
2-Hexanone
Concen: 108.349 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

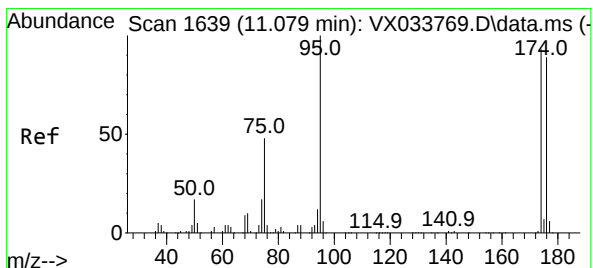
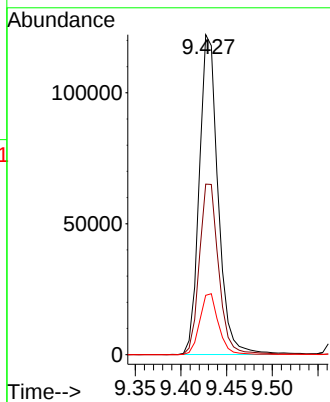
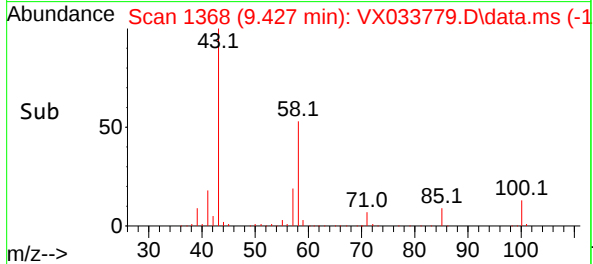
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion: 43 Resp: 17458
Ion Ratio Lower Upper
43 100
58 54.9 41.6 62.4
57 19.0 14.6 21.8

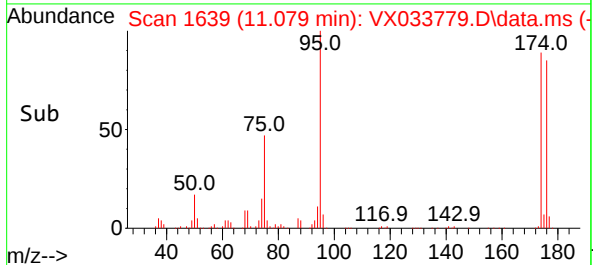
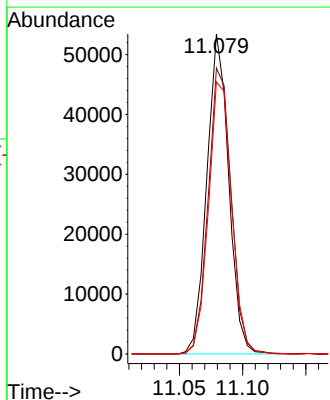
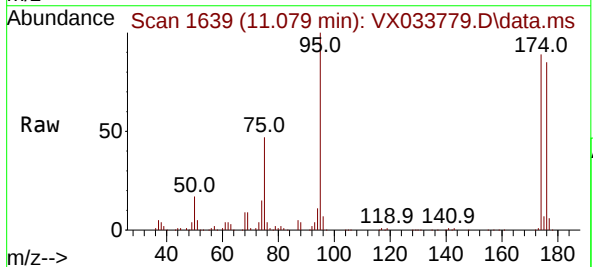
Manual Integrations
APPROVED

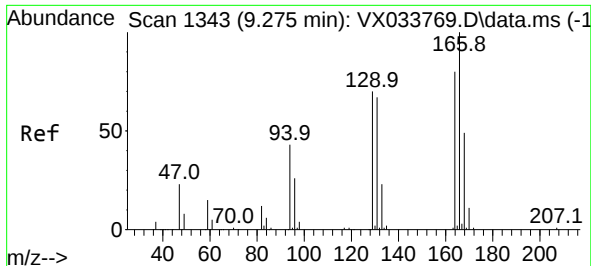
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
4-Bromofluorobenzene
Concen: 30.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

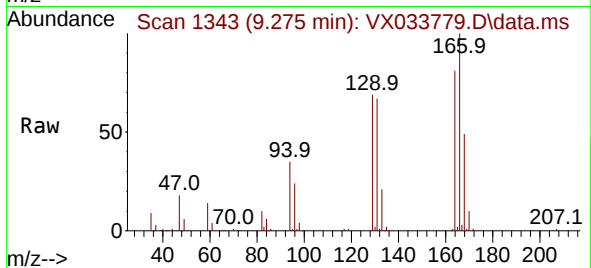
Tgt Ion: 95 Resp: 64350
Ion Ratio Lower Upper
95 100
174 94.2 74.6 111.8
176 90.5 72.2 108.2





#61
Tetrachloroethene
Concen: 21.319 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

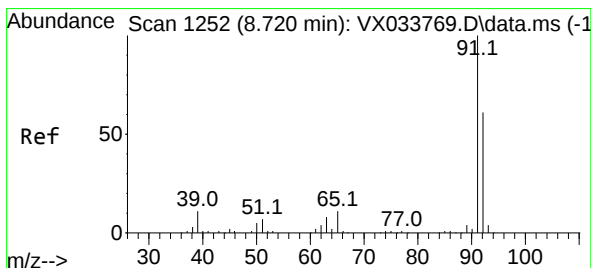
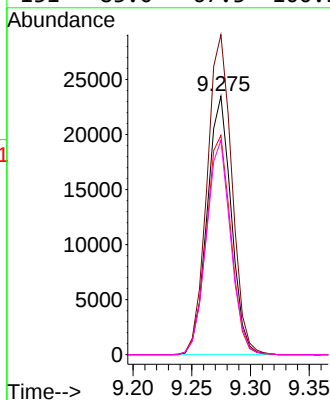
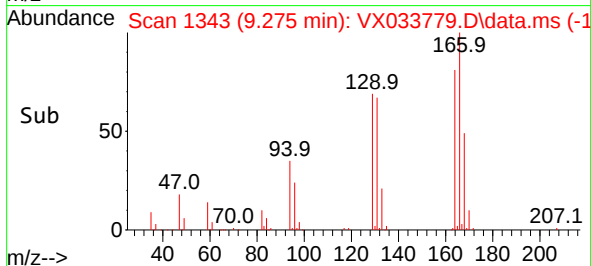
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion:164 Resp: 33492
Ion Ratio Lower Upper
164 100
166 123.8 100.6 151.0
129 84.9 69.9 104.9
131 83.0 67.3 100.9

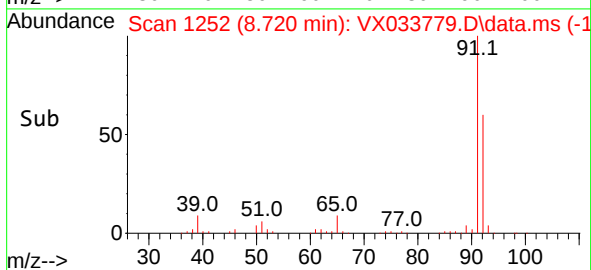
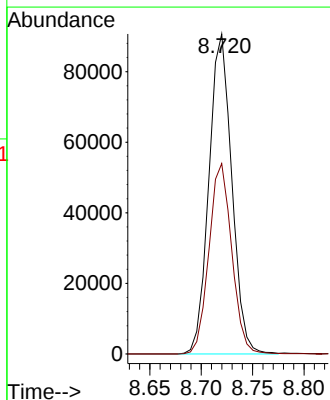
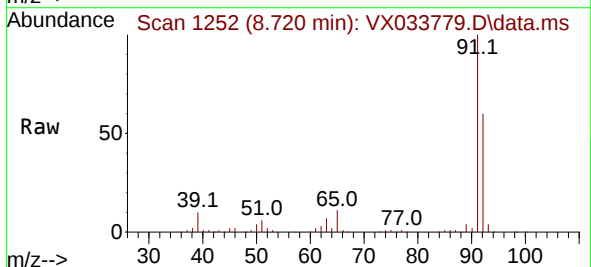
Manual Integrations
APPROVED

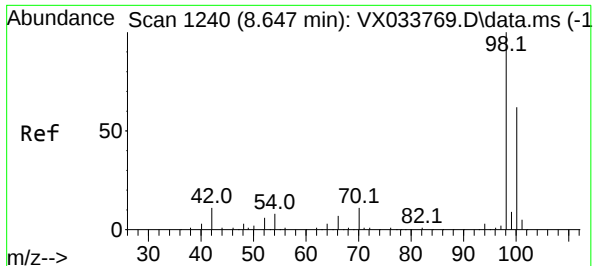
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 21.029 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

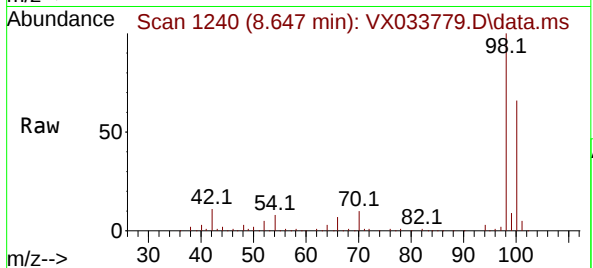
Tgt Ion: 91 Resp: 140337
Ion Ratio Lower Upper
91 100
92 59.4 47.5 71.3





#63
Toluene-d8
Concen: 30.412 ug/l
RT: 8.647 min Scan# 115762
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

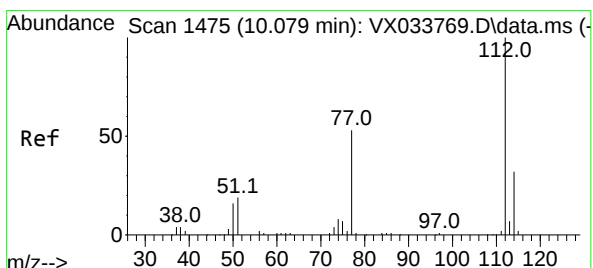
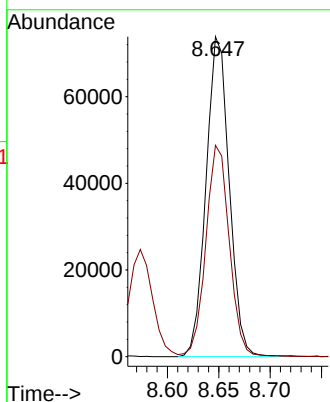
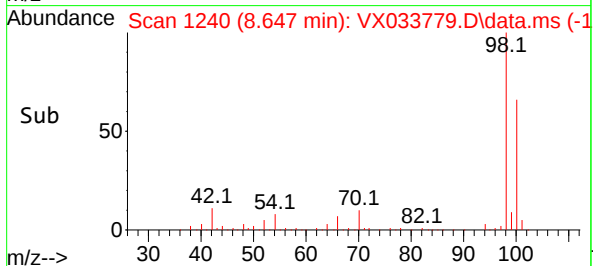
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion: 98 Resp: 115762
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

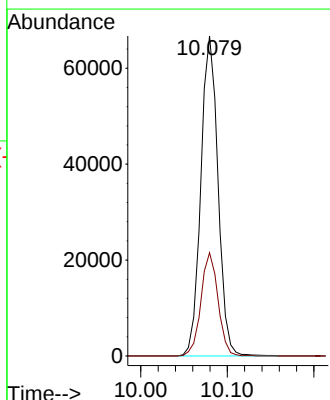
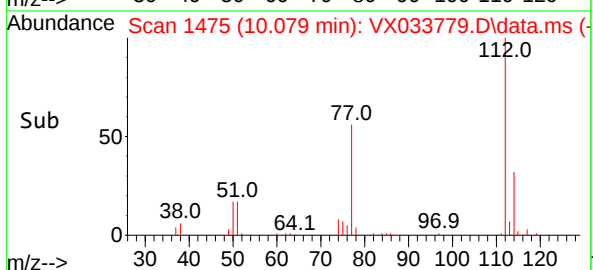
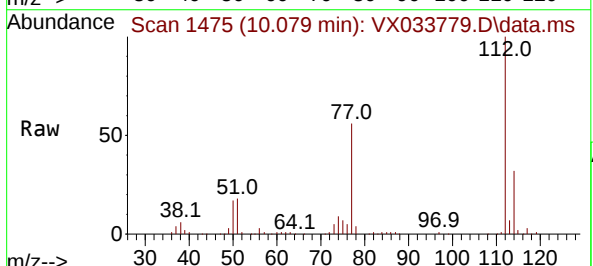
Manual Integrations
APPROVED

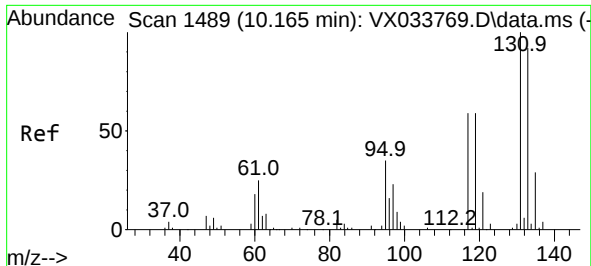
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#64
Chlorobenzene
Concen: 20.631 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

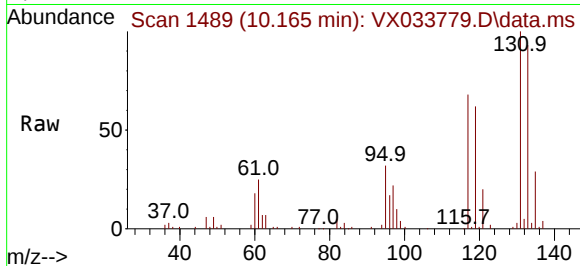
Tgt Ion:112 Resp: 91787
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 20.235 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

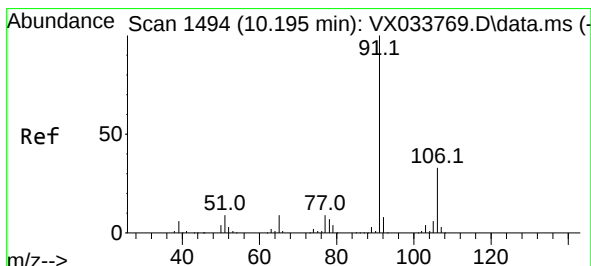
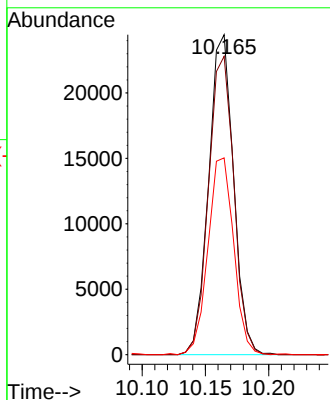
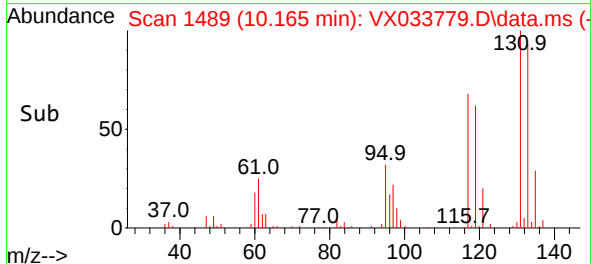
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion:131 Resp: 3352
Ion Ratio Lower Upper
131 100
133 94.9 0.0 188.8
119 63.3 0.0 123.4

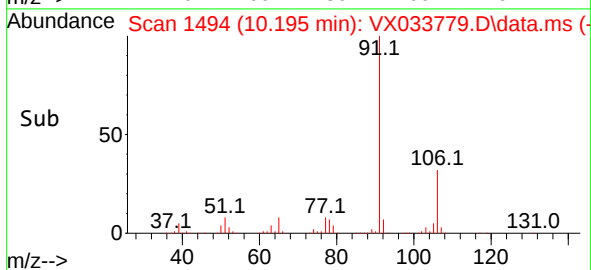
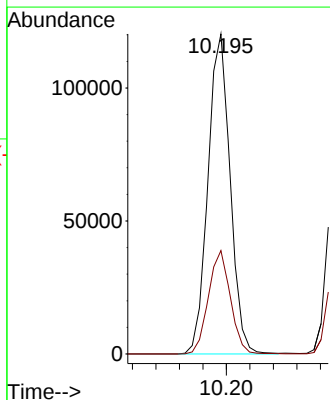
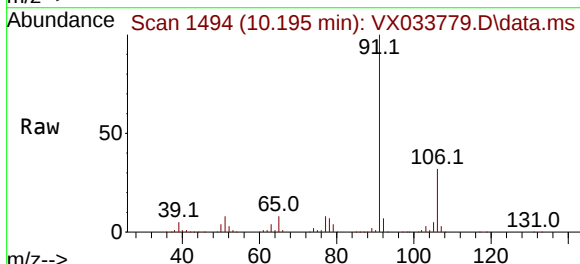
Manual Integrations
APPROVED

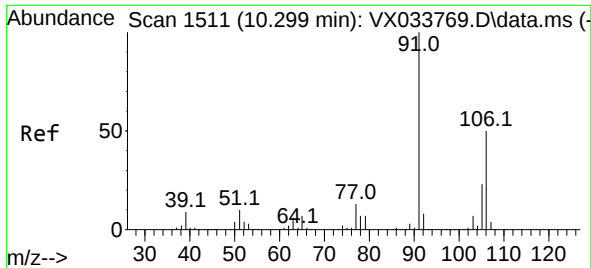
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
Ethyl Benzene
Concen: 20.632 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 91 Resp: 157574
Ion Ratio Lower Upper
91 100
106 32.3 26.7 40.1





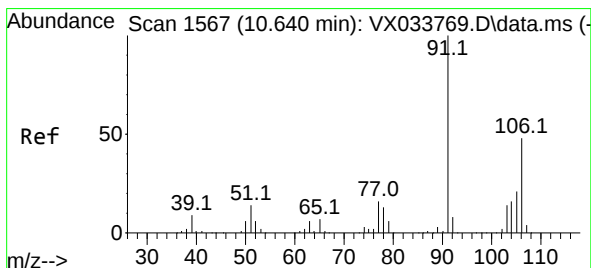
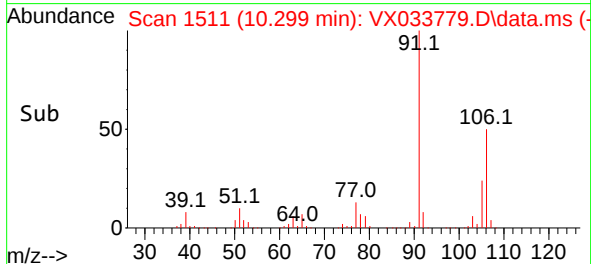
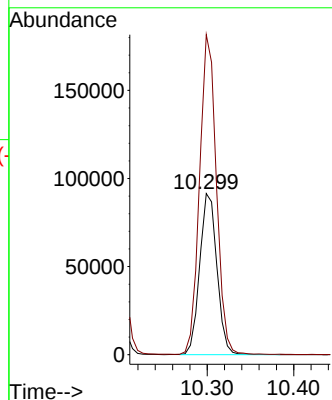
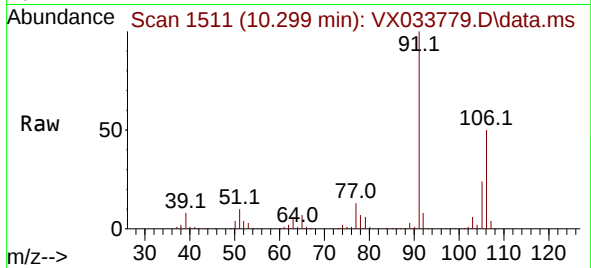
#67
m/p-Xylenes
Concen: 41.868 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion:106 Resp: 126278
Ion Ratio Lower Upper
106 100
91 194.0 159.7 239.5

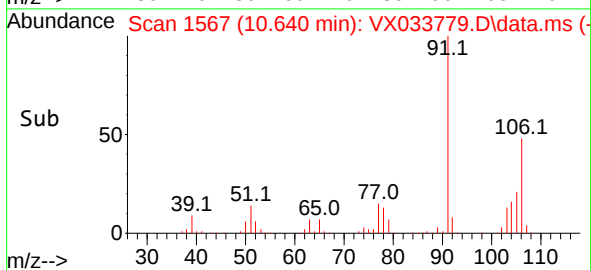
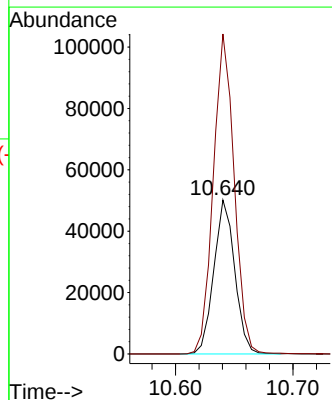
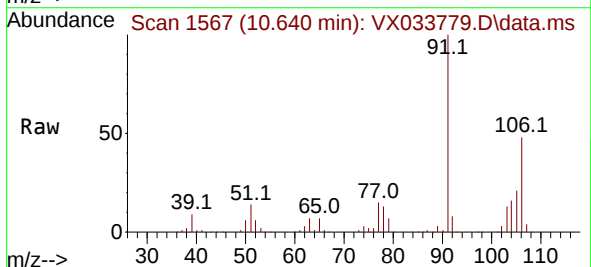
Manual Integrations
APPROVED

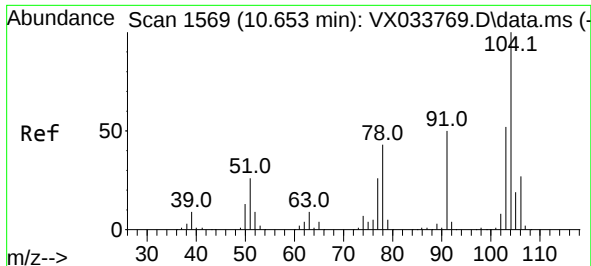
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 20.787 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

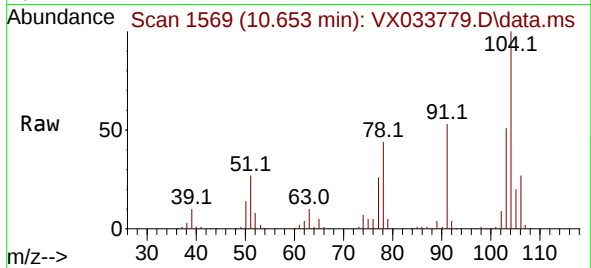
Tgt Ion:106 Resp: 62172
Ion Ratio Lower Upper
106 100
91 207.7 102.8 308.5





#69
Styrene
Concen: 20.515 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

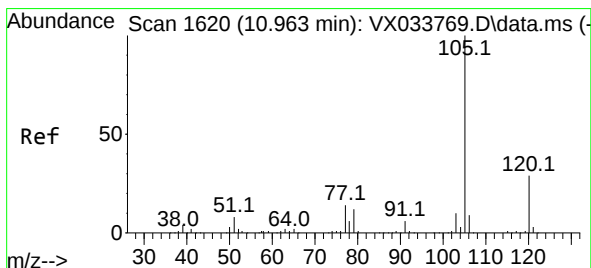
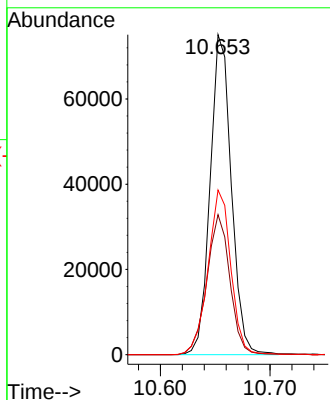
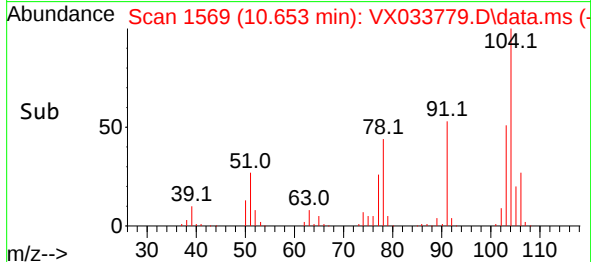
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



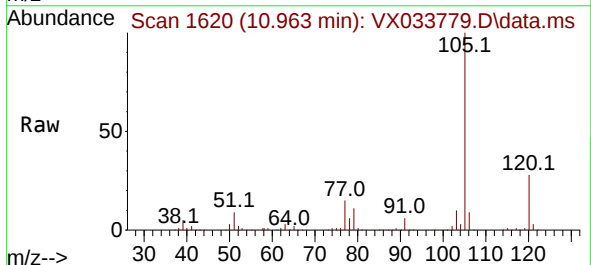
Tgt Ion:104 Resp: 100927
Ion Ratio Lower Upper
104 100
78 47.6 37.6 56.4
103 55.5 44.2 66.4

Manual Integrations
APPROVED

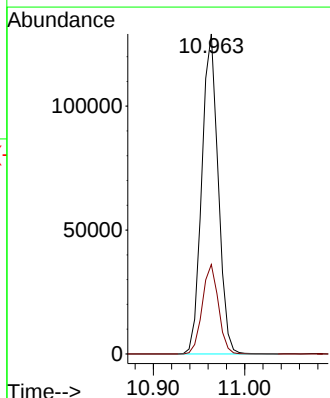
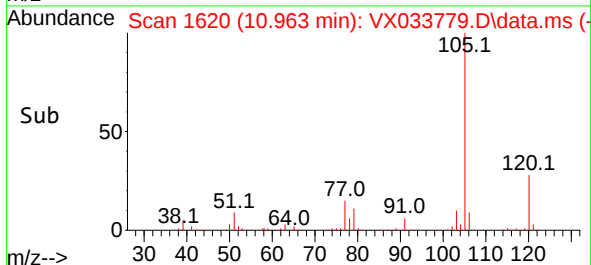
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

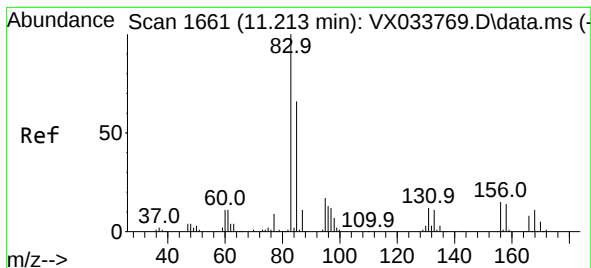


#70
Isopropylbenzene
Concen: 20.800 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05



Tgt Ion:105 Resp: 160244
Ion Ratio Lower Upper
105 100
120 27.4 19.7 36.5





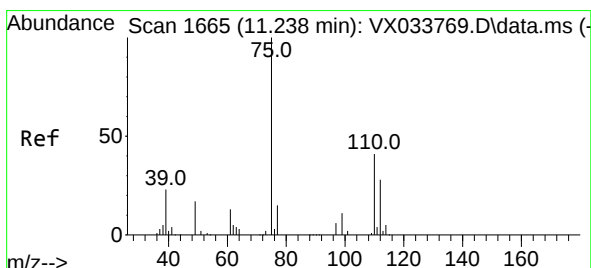
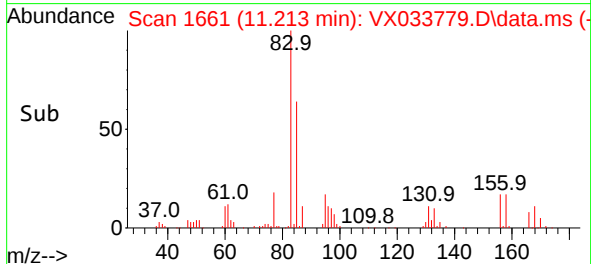
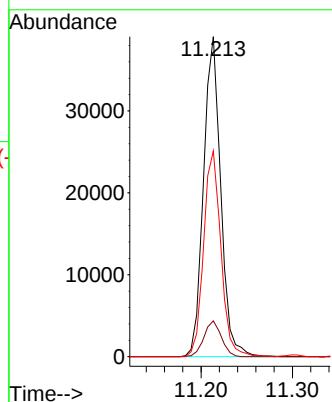
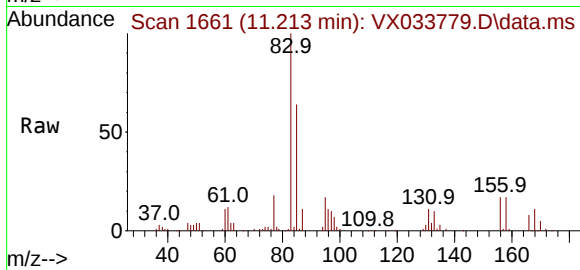
#71
1,1,2,2-Tetrachloroethane
Concen: 22.118 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 83 Resp: 5109
Ion Ratio Lower Upper
83 100
131 11.3 5.7 17.0
85 64.4 33.3 99.8

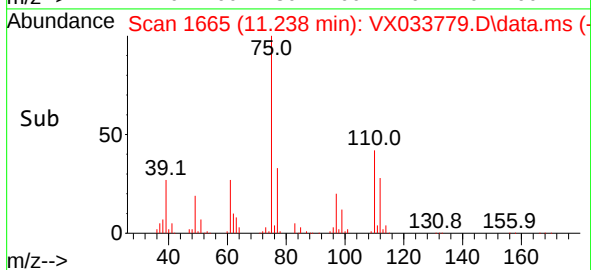
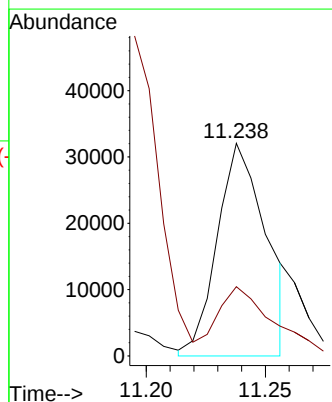
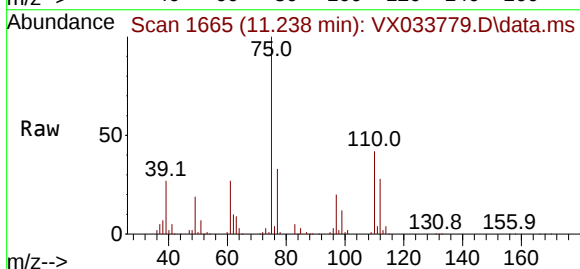
Manual Integrations
APPROVED

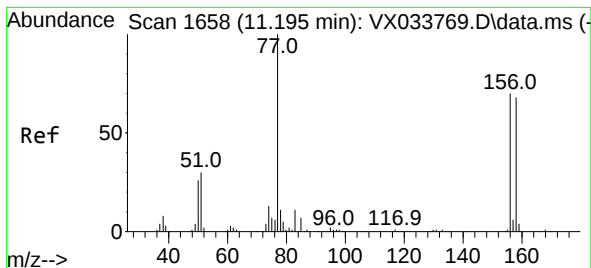
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#72
1,2,3-Trichloropropane
Concen: 21.637 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 75 Resp: 45540
Ion Ratio Lower Upper
75 100
77 37.9 0.0 75.6





#73

Bromobenzene

Concen: 20.646 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

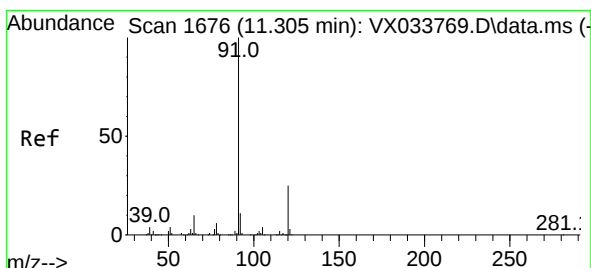
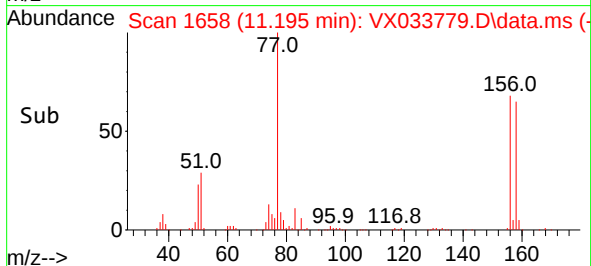
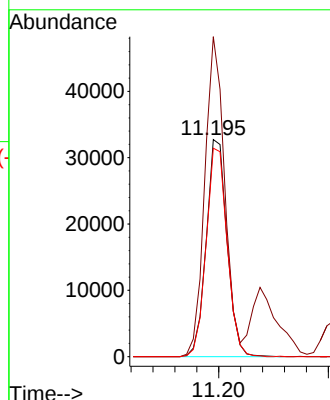
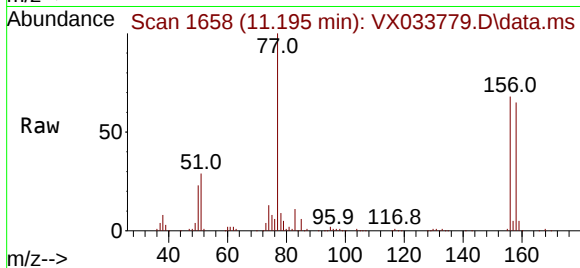
Tgt Ion:	156	Resp:	43070
Ion Ratio	Lower	Upper	
156	100		
77	140.1	0.0	269.4
158	97.1	0.0	192.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#74

n-propylbenzene

Concen: 20.361 ug/l

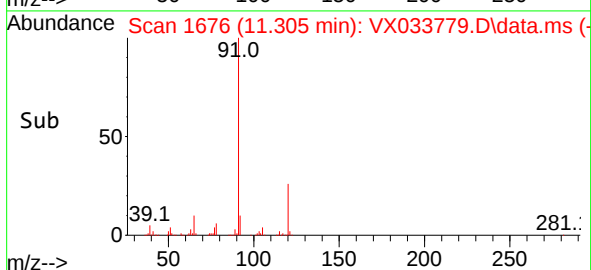
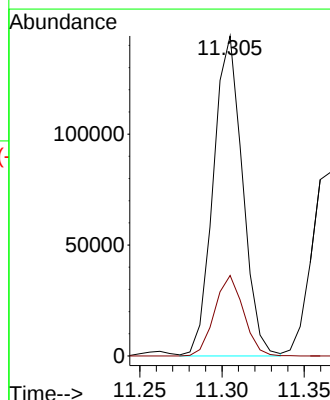
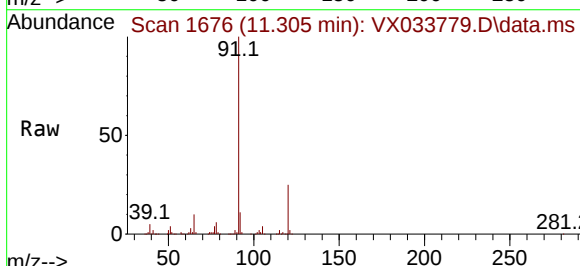
RT: 11.305 min Scan# 1676

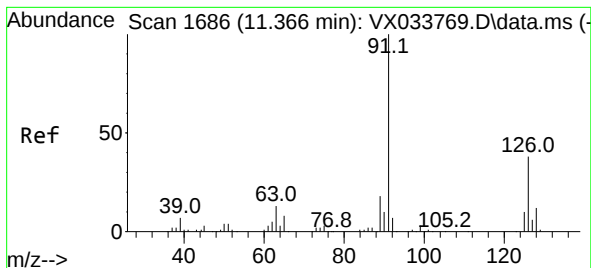
Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Tgt Ion:	91	Resp:	178194
Ion Ratio	Lower	Upper	
91	100		
120	24.8	0.0	48.8





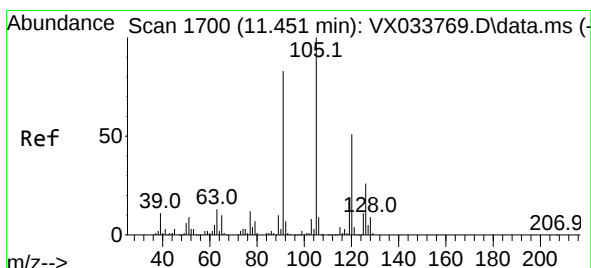
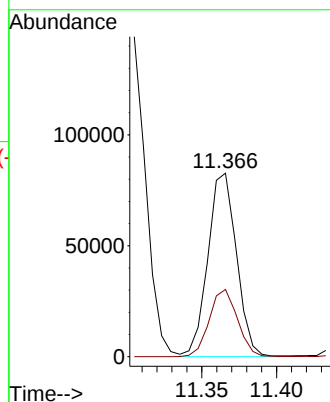
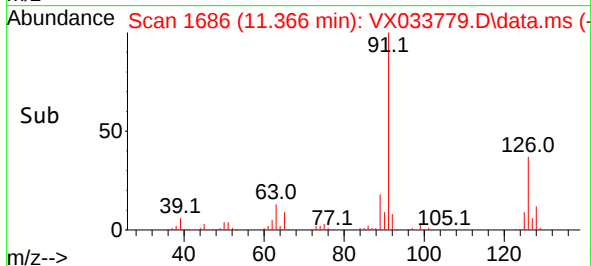
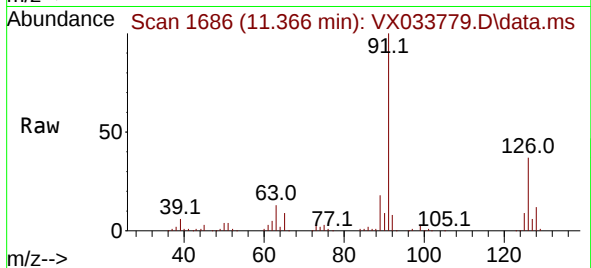
#75
2-Chlorotoluene
Concen: 21.163 ug/l
RT: 11.366 min Scan# 11017
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tgt Ion: 91 Resp: 11017
Ion Ratio Lower Upper
91 100
126 36.1 0.0 73.0

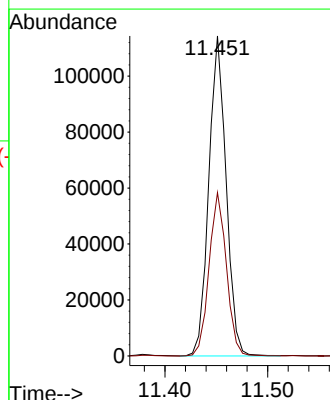
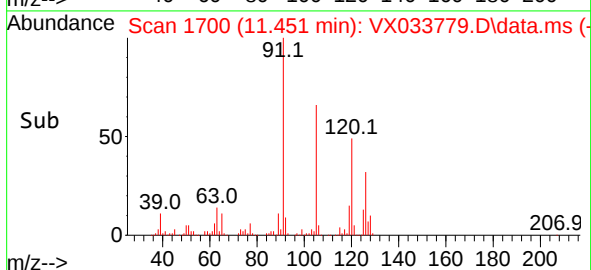
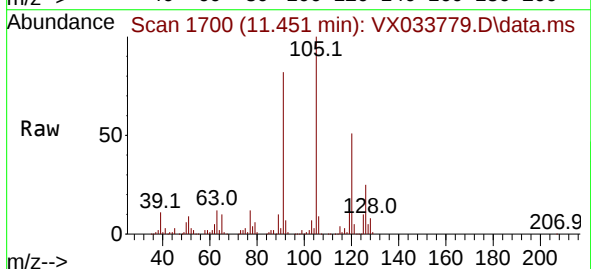
Manual Integrations
APPROVED

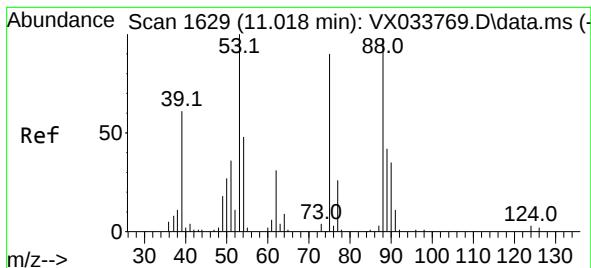
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.932 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

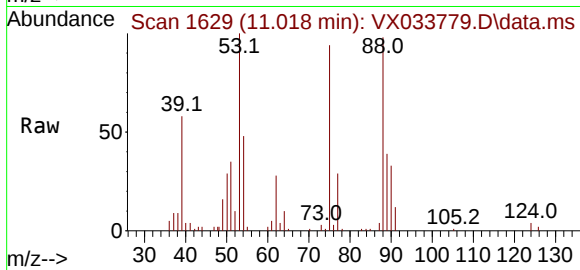
Tgt Ion:105 Resp: 133736
Ion Ratio Lower Upper
105 100
120 51.2 0.0 102.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.870 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

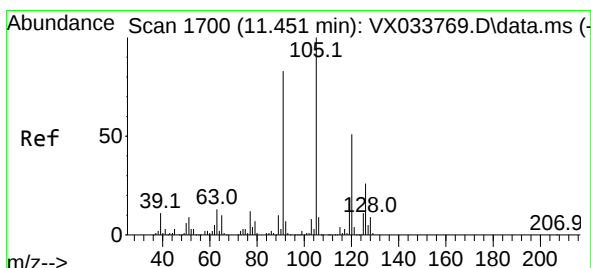
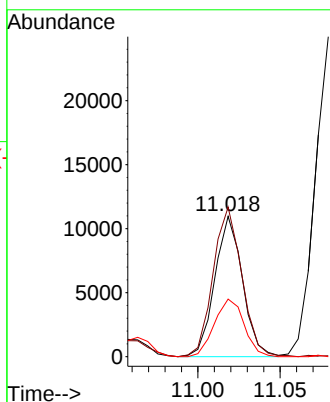
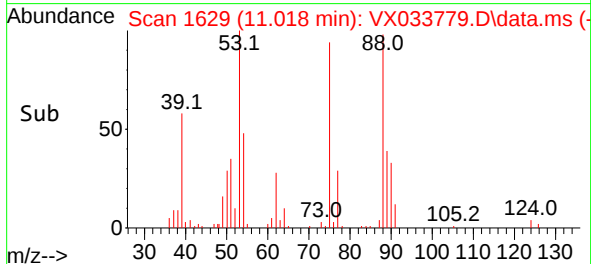
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



Tgt Ion: 75 Resp: 12850
Ion Ratio Lower Upper
75 100
53 106.6 55.5 166.3
89 41.1 23.3 69.8

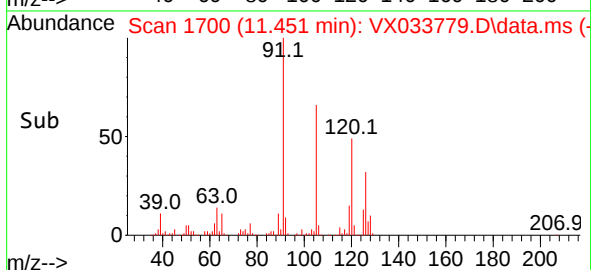
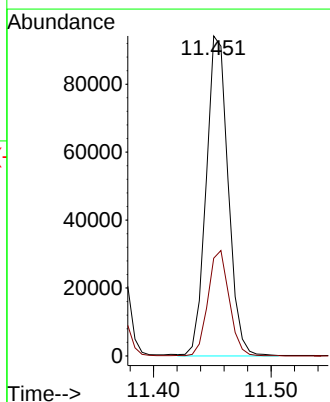
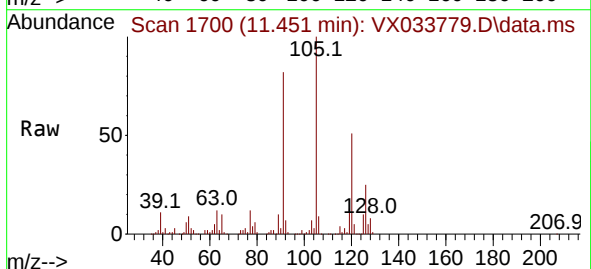
Manual Integrations
APPROVED

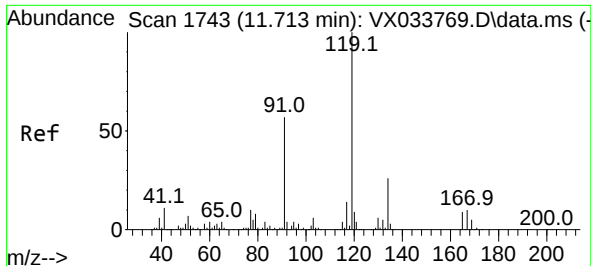
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 20.916 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

Tgt Ion: 91 Resp: 122498
Ion Ratio Lower Upper
91 100
126 31.6 0.0 65.2





#79

tert-butylbenzene

Concen: 20.831 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion:119 Resp: 136224

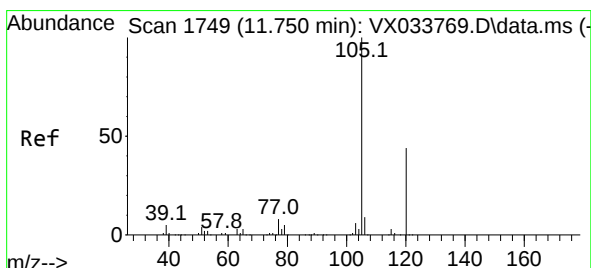
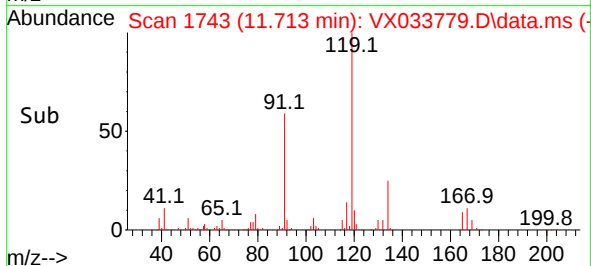
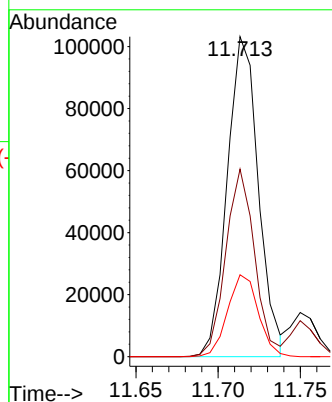
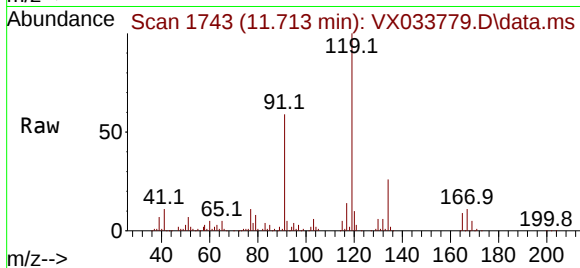
Ion	Ratio	Lower	Upper
119	100		
91	54.4	0.0	108.4
134	25.2	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#80

1,2,4-Trimethylbenzene

Concen: 21.214 ug/l

RT: 11.750 min Scan# 1749

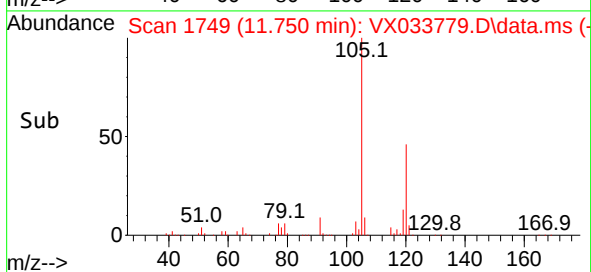
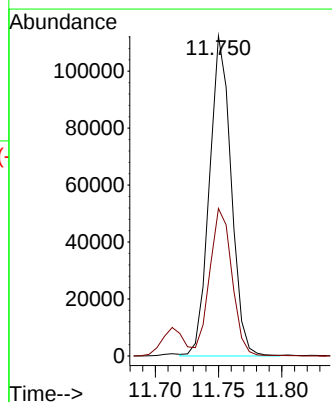
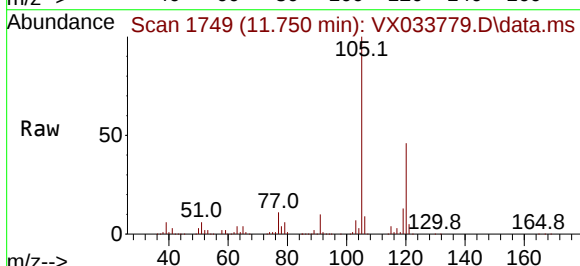
Delta R.T. 0.000 min

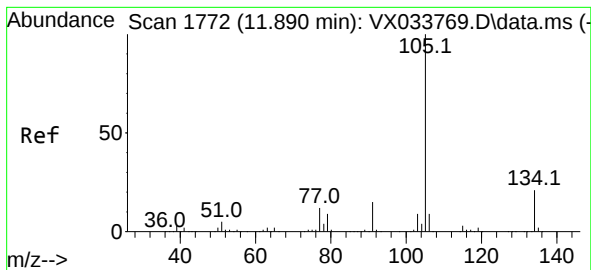
Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Tgt Ion:105 Resp: 134379

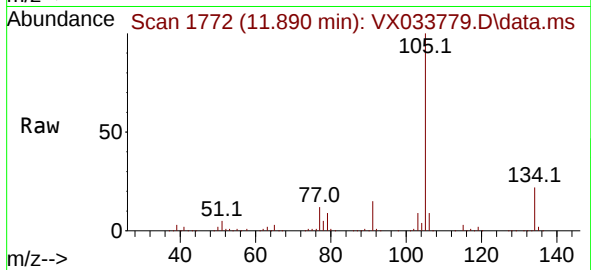
Ion	Ratio	Lower	Upper
105	100		
120	47.1	0.0	93.4





#81
 sec-Butylbenzene
 Concen: 20.718 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033779.D
 Acq: 18 Jan 2023 17:05

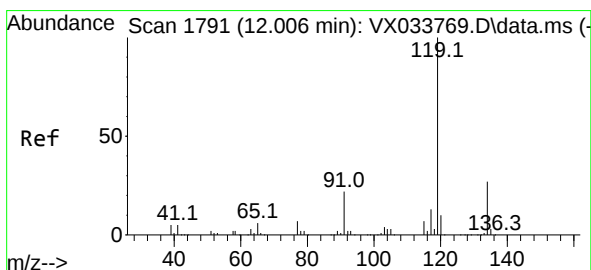
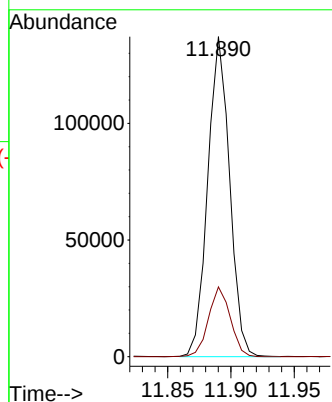
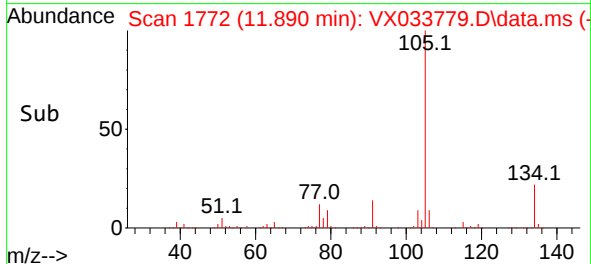
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01



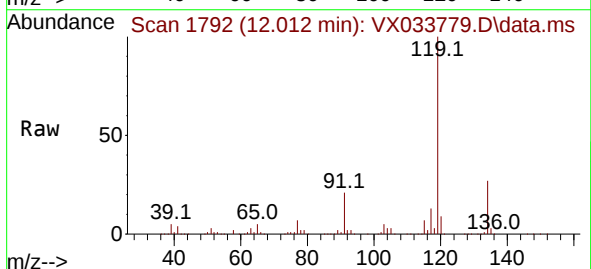
Tgt Ion:105 Resp: 16486
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.8

Manual Integrations
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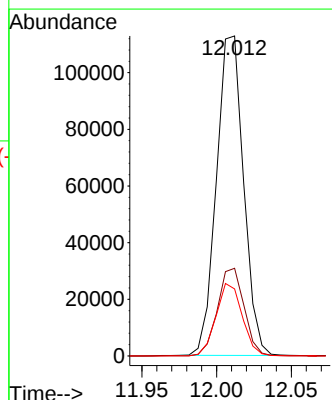
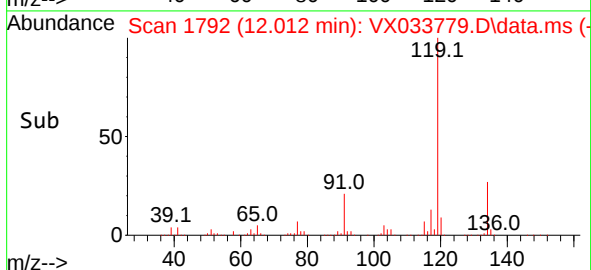
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

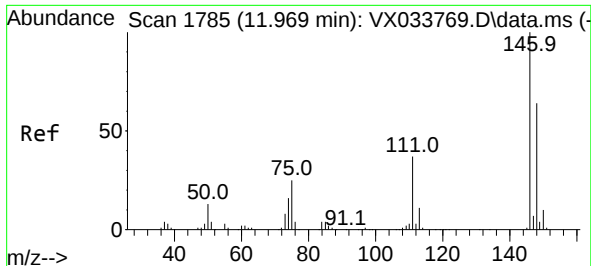


#82
 p-Isopropyltoluene
 Concen: 20.660 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033779.D
 Acq: 18 Jan 2023 17:05



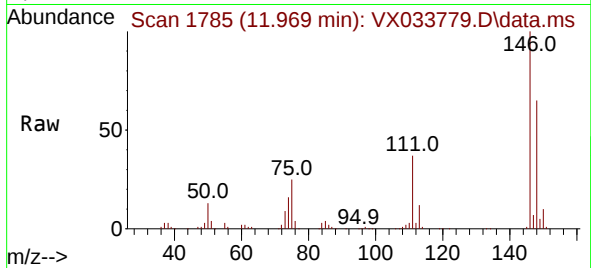
Tgt Ion:119 Resp: 142414
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.2
 91 22.0 0.0 41.8





#83
1,3-Dichlorobenzene
Concen: 20.577 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

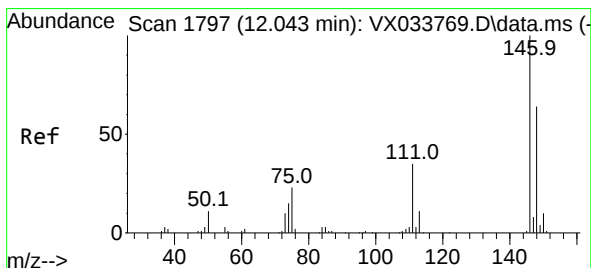
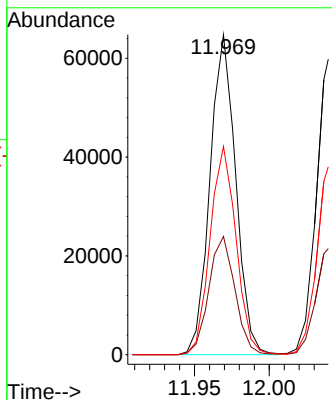
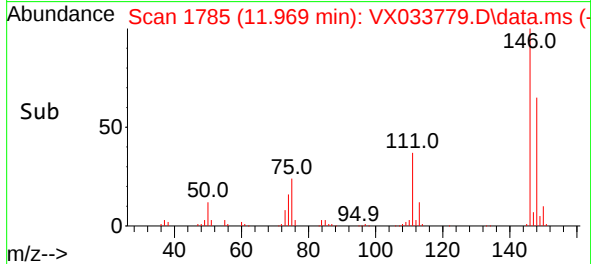
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



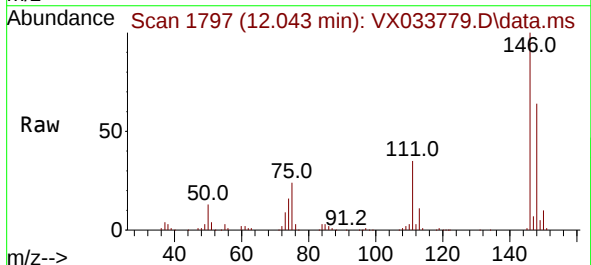
Tgt Ion:146 Resp: 7756
Ion Ratio Lower Upper
146 100
111 37.6 18.4 55.2
148 65.7 32.1 96.5

Manual Integrations
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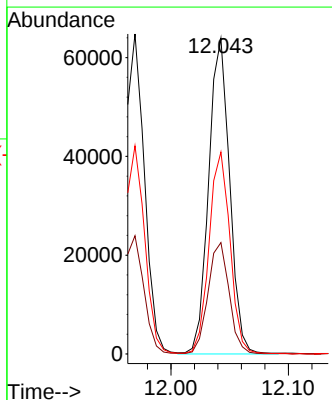
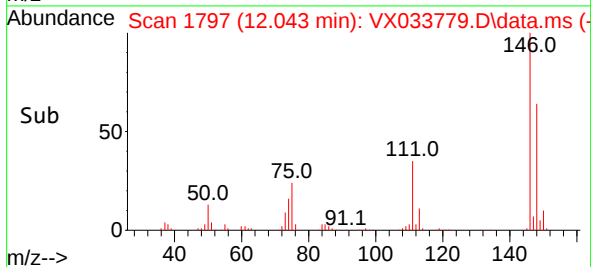
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

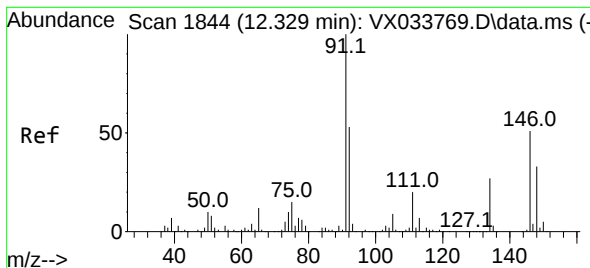


#84
1,4-Dichlorobenzene
Concen: 21.016 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05



Tgt Ion:146 Resp: 79402
Ion Ratio Lower Upper
146 100
111 35.7 17.8 53.4
148 63.8 32.1 96.5





#85

n-Butylbenzene

Concen: 20.309 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tgt Ion: 91 Resp: 11385

Ion Ratio Lower Upper

91 100

92 54.7 0.0 109.0

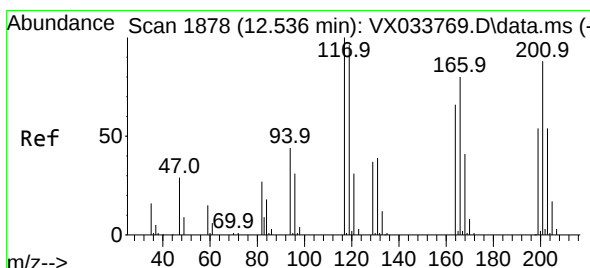
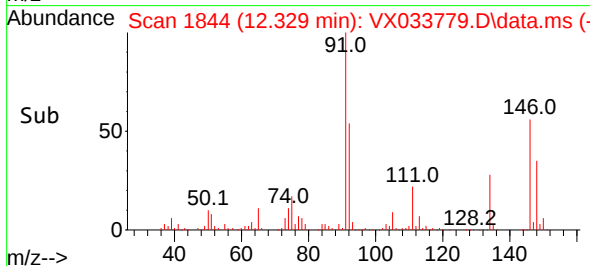
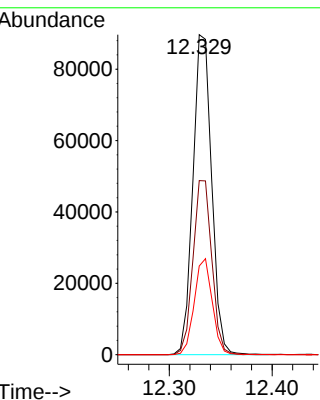
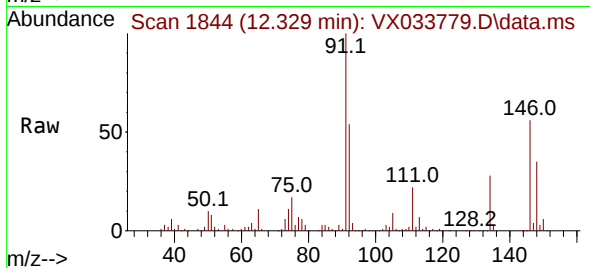
134 28.8 0.0 57.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#86

Hexachloroethane

Concen: 19.552 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX033779.D

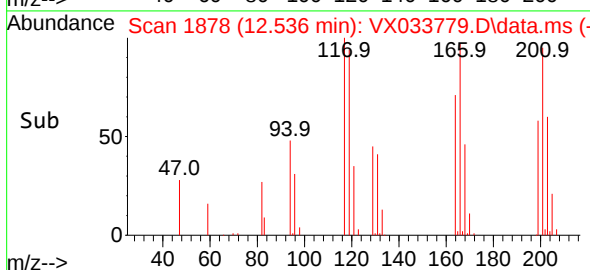
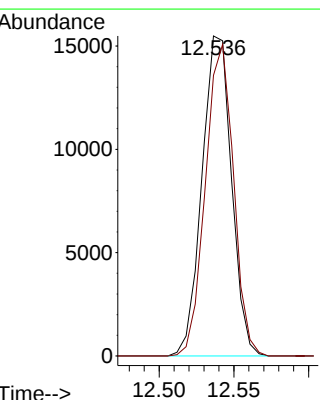
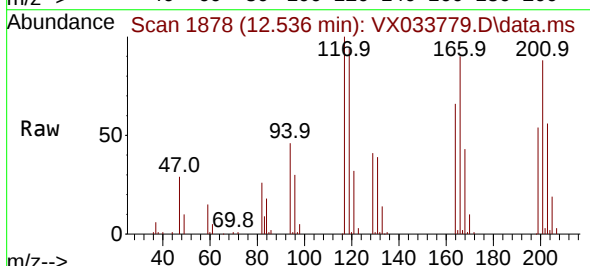
Acq: 18 Jan 2023 17:05

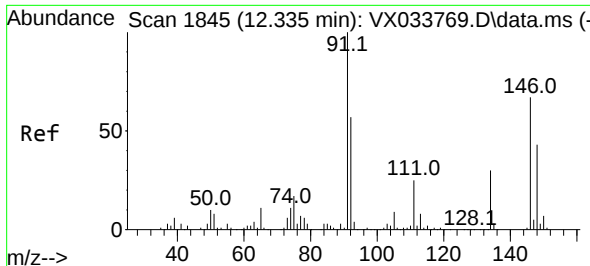
Tgt Ion:117 Resp: 21304

Ion Ratio Lower Upper

117 100

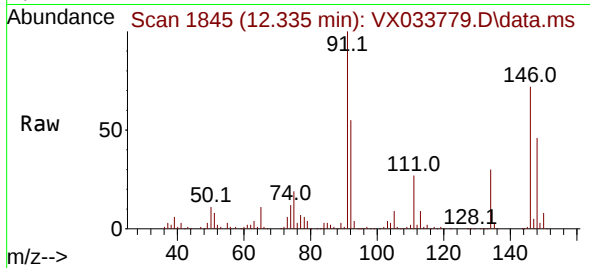
201 92.4 46.3 138.8





#87
1,2-Dichlorobenzene
Concen: 21.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

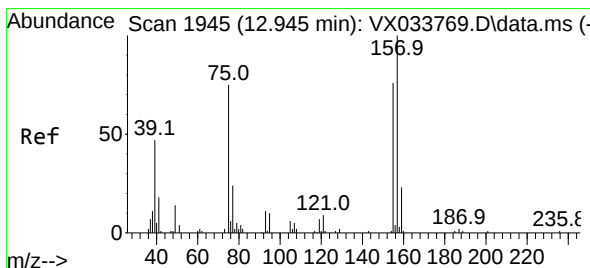
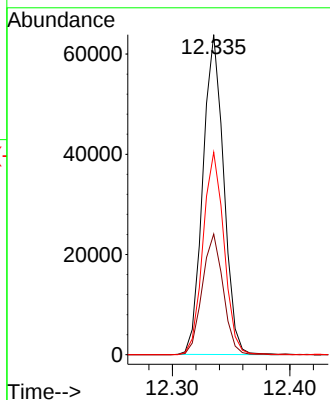
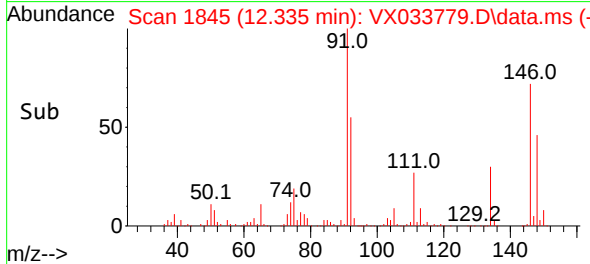
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



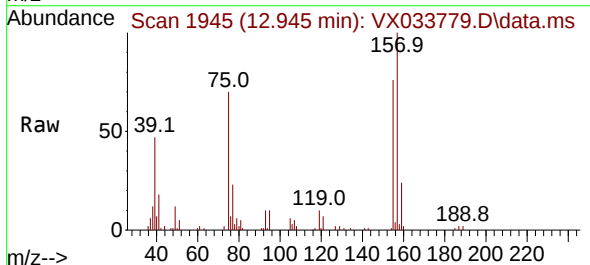
Tgt Ion:146 Resp: 78530
Ion Ratio Lower Upper
146 100
111 37.5 18.8 56.4
148 63.9 31.7 95.1

Manual Integrations
APPROVED

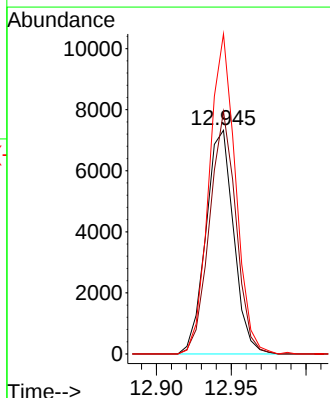
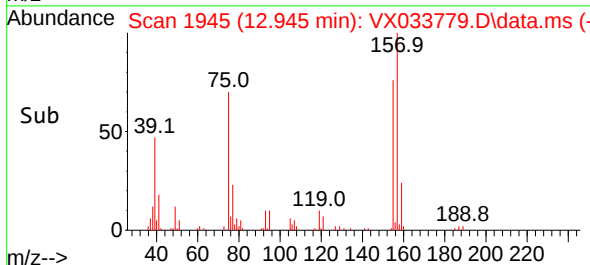
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

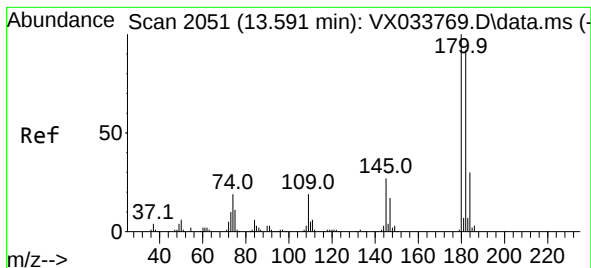


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.055 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05



Tgt Ion: 75 Resp: 9481
Ion Ratio Lower Upper
75 100
155 102.6 82.6 124.0
157 135.2 104.9 157.3





#89

1,2,4-Trichlorobenzene

Concen: 20.590 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

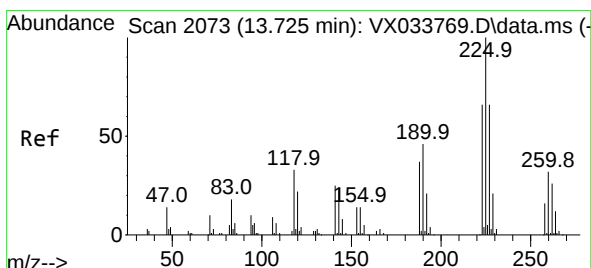
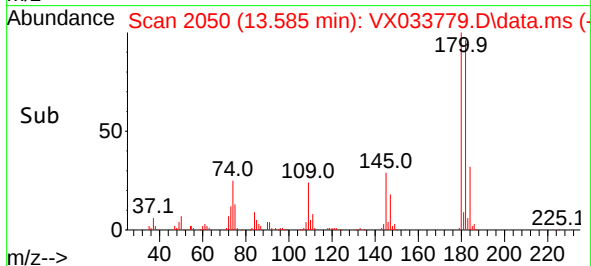
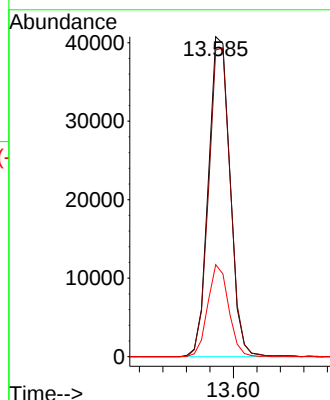
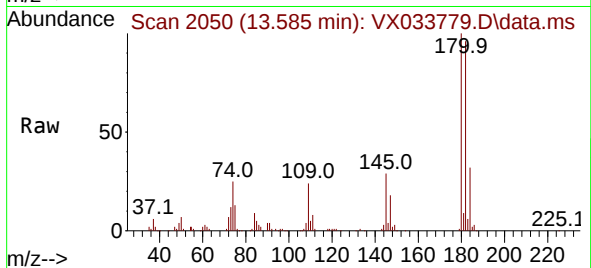
Tgt Ion:180	Resp: 5205
Ion Ratio	Lower Upper
180 100	
182 97.0	76.4 114.6
145 27.8	22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#90

Hexachlorobutadiene

Concen: 20.207 ug/l

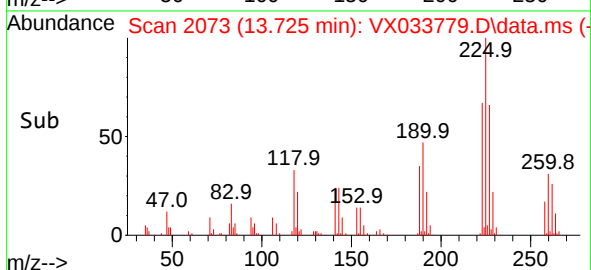
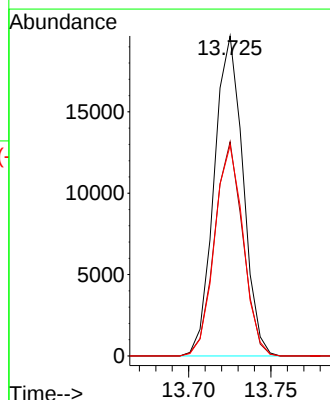
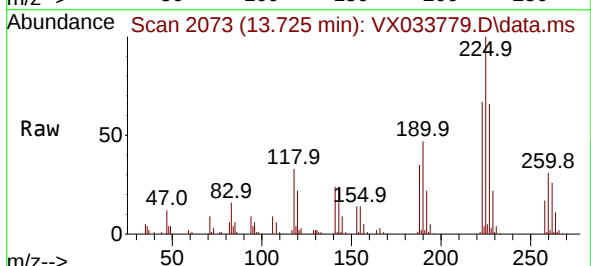
RT: 13.725 min Scan# 2073

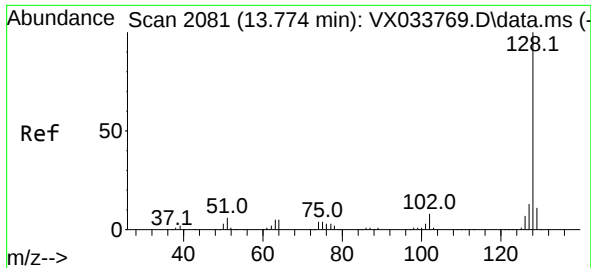
Delta R.T. 0.000 min

Lab File: VX033779.D

Acq: 18 Jan 2023 17:05

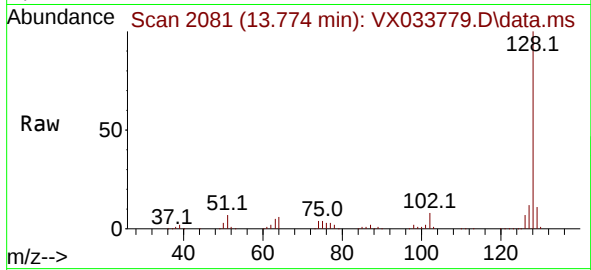
Tgt Ion:225	Resp: 23956
Ion Ratio	Lower Upper
225 100	
223 65.5	0.0 127.6
227 65.2	0.0 131.2





#91
Naphthalene
Concen: 21.876 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05

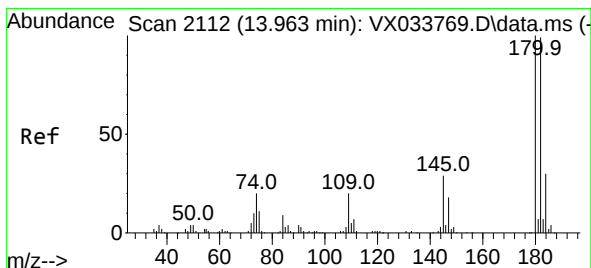
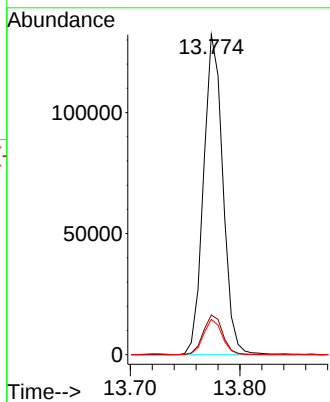
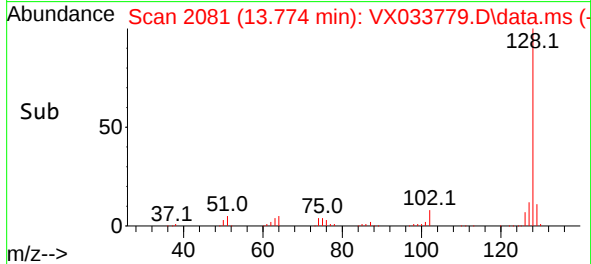
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01



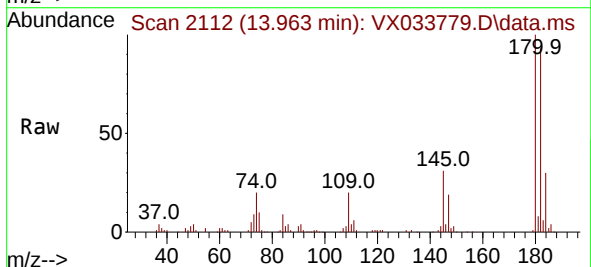
Tgt Ion:128 Resp: 162129
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#92
1,2,3-Trichlorobenzene
Concen: 21.390 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033779.D
Acq: 18 Jan 2023 17:05



Tgt Ion:180 Resp: 53043
Ion Ratio Lower Upper
180 100
182 94.9 0.0 192.6
145 30.8 0.0 60.4

