

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033780.D
 Acq On : 18 Jan 2023 17:28
 Operator : JC/MD
 Sample : VX0118WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 19 03:32:27 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

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

Internal Standards						
1) Bromochloromethane	4.897	128	15778	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	107075	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	115254	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36281	29.714	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.033%	
60) 4-Bromofluorobenzene	11.079	95	62664	30.413	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.367%	
63) Toluene-d8	8.647	98	111540	30.333	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29999	20.754	ug/l	100
3) Chloromethane	1.294	50	33680	20.720	ug/l	97
4) Vinyl Chloride	1.374	62	32063	20.096	ug/l	99
5) Bromomethane	1.617	94	19728	19.181	ug/l	97
6) Chloroethane	1.691	64	17470	20.470	ug/l	98
7) Trichlorofluoromethane	1.892	101	48421	20.526	ug/l	99
8) Diethyl Ether	2.130	74	18314	20.598	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	28541	19.993	ug/l	99
10) 1,1-Dichloroethene	2.319	96	28416	20.264	ug/l	99
11) Methyl Iodide	2.453	142	42212	19.953	ug/l	99
12) Methyl Acetate	2.703	43	54123	22.118	ug/l	98
13) Acrolein	2.239	56	24530	89.627	ug/l	96
14) Acrylonitrile	3.062	53	88072	110.475	ug/l	99
15) Acetone	2.386	58	25517	106.447	ug/l	97
16) Carbon Disulfide	2.514	76	68217	19.844	ug/l	100
17) Allyl chloride	2.666	41	52301	20.664	ug/l	98
18) Methylene Chloride	2.788	84	32938	20.862	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	31005	20.538	ug/l	97
20) Diisopropyl ether	3.757	45	104149	20.992	ug/l	99
21) 1,1-Dichloroethane	3.611	63	56201	20.700	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	36211	20.414	ug/l	99
23) tert-Butyl Alcohol	2.983	59	27464	99.694	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	96571	20.800	ug/l	97
25) Chloroform	5.099	83	57452	21.041	ug/l	94
26) Cyclohexane	5.470	56	49394	19.964	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	40376	19.632	ug/l	99
30) 2-Butanone	4.556	43	122306	107.639	ug/l	100
31) 2,2-Dichloropropane	4.477	77	37310	19.128	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	47729	20.153	ug/l	99
33) Carbon Tetrachloride	5.678	117	41618	19.633	ug/l	95
34) Benzene	6.037	78	124617	20.416	ug/l	98
35) Methacrylonitrile	4.922	41	25846	20.888	ug/l	94
36) 1,2-Dichloroethane	6.086	62	43676	20.343	ug/l	100
37) Trichloroethene	7.129	130	36321	21.070	ug/l	99
38) Methylcyclohexane	7.379	83	49762	20.110	ug/l	98
39) 1,2-Dichloropropane	7.434	63	31717	21.226	ug/l	98
40) Dibromomethane	7.580	93	22626	21.303	ug/l	95
41) Bromodichloromethane	7.824	83	41267	20.364	ug/l	99
42) Vinyl Acetate	3.721	43	399584	104.661	ug/l	100

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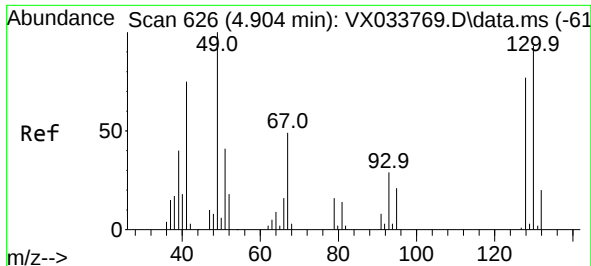
Manual Integrations
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Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 03:32:27 2023
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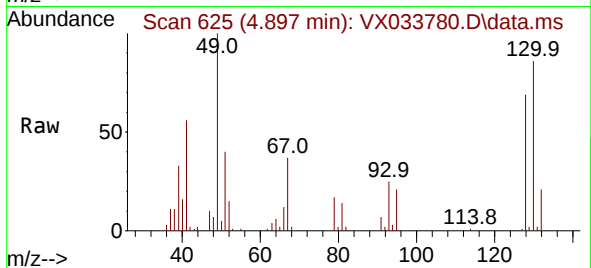
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	44262	19.927	ug/l	99
44) Isopropyl Acetate	6.342	43	70992	21.019	ug/l	100
45) 1,4-Dioxane	7.690	88	13851	396.811	ug/l #	94
46) Methyl methacrylate	7.690	41	36173	21.093	ug/l	95
47) n-amyl Acetate	10.841	43	58769	20.627	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	41769	19.565	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	47006	19.506	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	33126	21.025	ug/l	98
51) Ethyl methacrylate	9.116	69	48459	20.759	ug/l	93
52) 1,3-Dichloropropane	9.305	76	55536	20.915	ug/l	98
53) Dibromochloromethane	9.519	129	34950	20.310	ug/l	99
54) 1,2-Dibromoethane	9.610	107	35042	20.589	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	107894	98.447	ug/l	99
56) Bromoform	10.799	173	26953	20.181	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	231748	111.866	ug/l	97
59) 2-Hexanone	9.433	43	174670	112.215	ug/l	97
61) Tetrachloroethene	9.275	164	32201	21.218	ug/l	97
62) Toluene	8.720	91	137083	21.263	ug/l	99
64) Chlorobenzene	10.079	112	89383	20.797	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	33214	20.754	ug/l	98
66) Ethyl Benzene	10.195	91	152208	20.630	ug/l	97
67) m/p-Xylenes	10.299	106	121823	41.811	ug/l	96
68) o-Xylene	10.640	106	60437	20.917	ug/l	99
69) Styrene	10.659	104	98482	20.721	ug/l	99
70) Isopropylbenzene	10.963	105	155469	20.889	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	50156	22.476	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	45032m	22.148	ug/l	
73) Bromobenzene	11.195	156	42268	20.971	ug/l	98
74) n-propylbenzene	11.305	91	173795	20.557	ug/l	100
75) 2-Chlorotoluene	11.366	91	105635	21.004	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	129963	21.056	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	12562	20.108	ug/l	97
78) 4-Chlorotoluene	11.457	91	119131	21.056	ug/l	100
79) tert-butylbenzene	11.713	119	133229	21.089	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	127888	20.899	ug/l	99
81) sec-Butylbenzene	11.890	105	158135	20.571	ug/l	100
82) p-Isopropyltoluene	12.012	119	138670	20.824	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	76025	20.877	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	76653	21.001	ug/l	99
85) n-Butylbenzene	12.329	91	109207	20.164	ug/l	99
86) Hexachloroethane	12.536	117	20977	19.929	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	76203	21.709	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9174	20.088	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	50988	20.876	ug/l	99
90) Hexachlorobutadiene	13.725	225	23057	20.133	ug/l	99
91) Naphthalene	13.774	128	155855	21.769	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	52082	21.741	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: VX033780.D
Acq: 18 Jan 2023 17:28

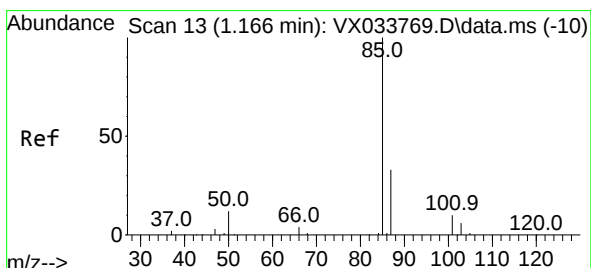
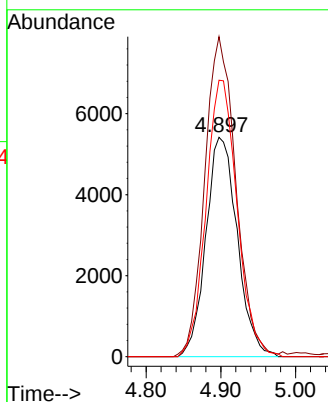
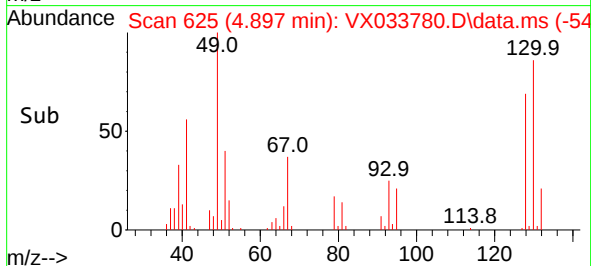
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



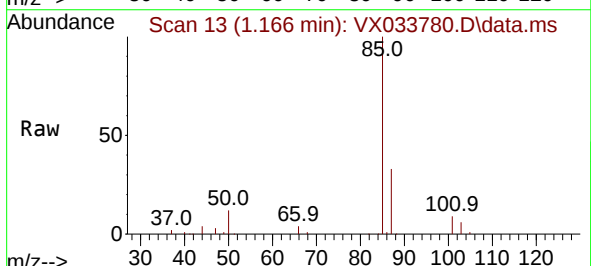
Tgt Ion:128 Resp: 15778
Ion Ratio Lower Upper
128 100
49 145.1 0.0 369.0
130 125.2 0.0 327.5

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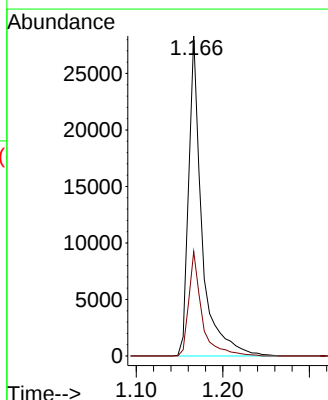
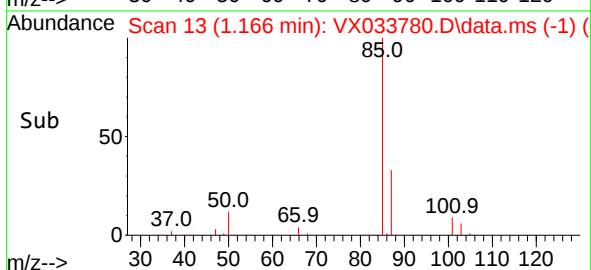
Reviewed By :John Carlone 01/19/2023
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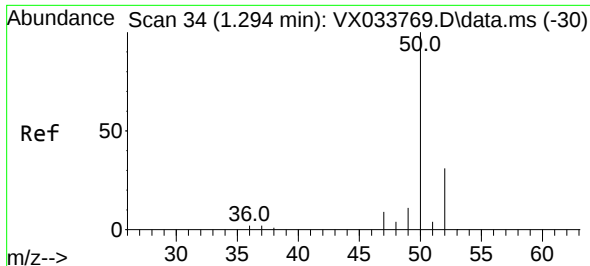


#2
Dichlorodifluoromethane
Concen: 20.754 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



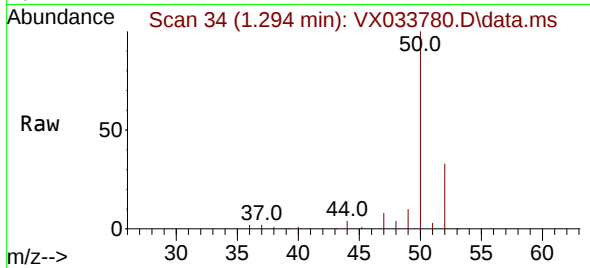
Tgt Ion: 85 Resp: 29999
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





#3
Chloromethane
Concen: 20.720 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

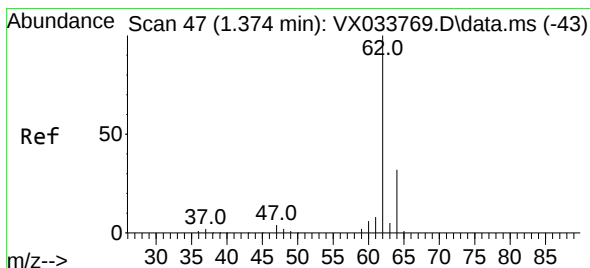
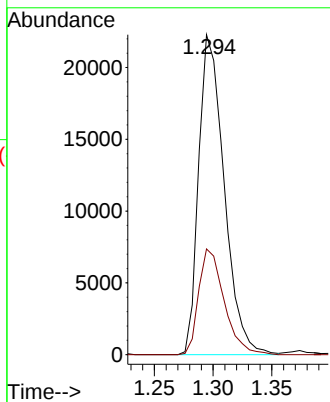
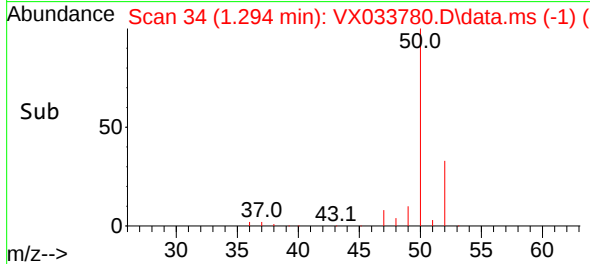
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 50 Resp: 33680
Ion Ratio Lower Upper
50 100
52 33.1 25.1 37.7

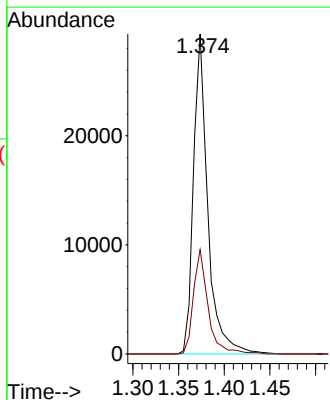
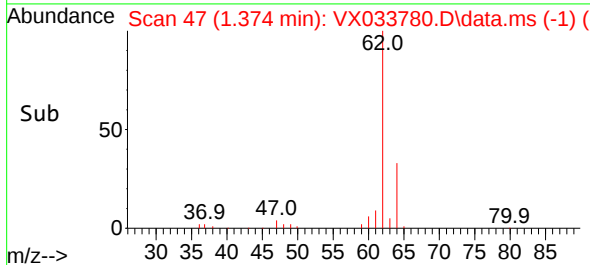
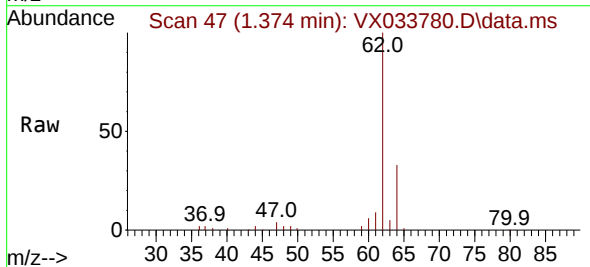
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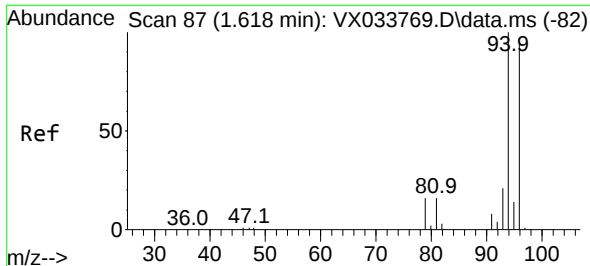
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 20.096 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

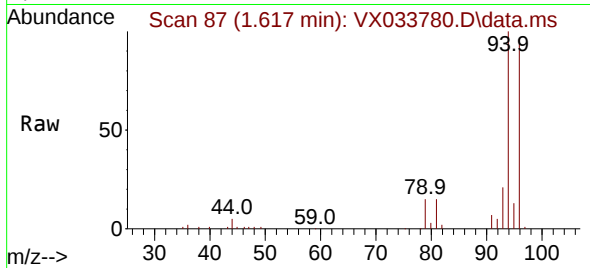
Tgt Ion: 62 Resp: 32063
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5
Bromomethane
Concen: 19.181 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

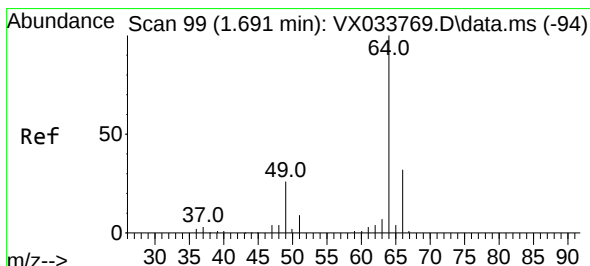
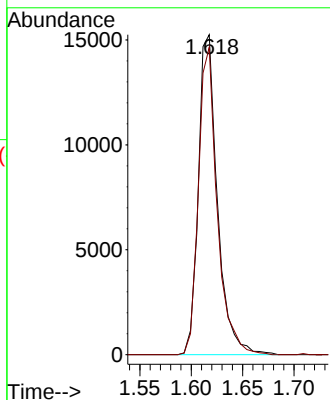
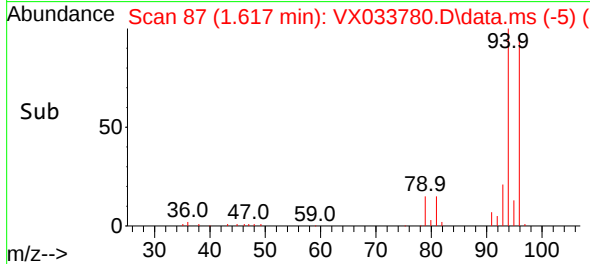
Instrument :
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Tgt Ion: 94 Resp: 19728
Ion Ratio Lower Upper
94 100
96 96.0 74.8 112.2

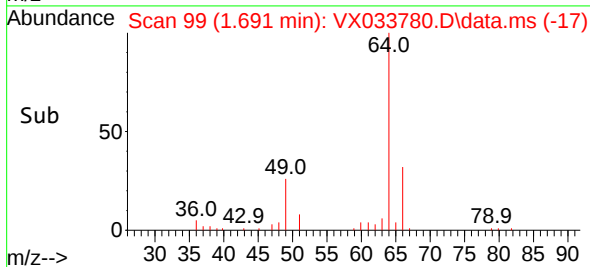
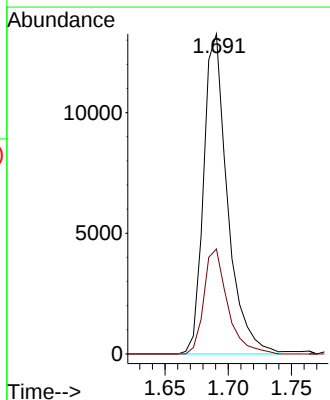
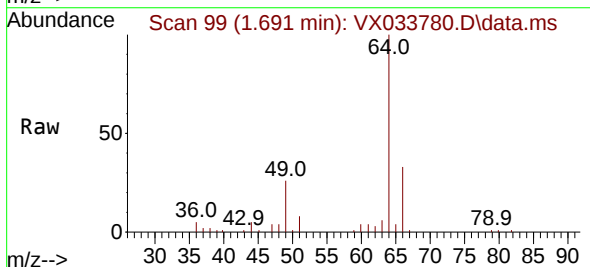
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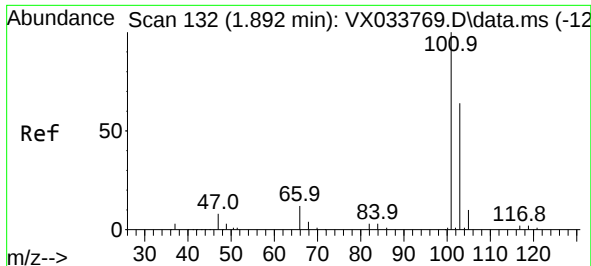
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 20.470 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

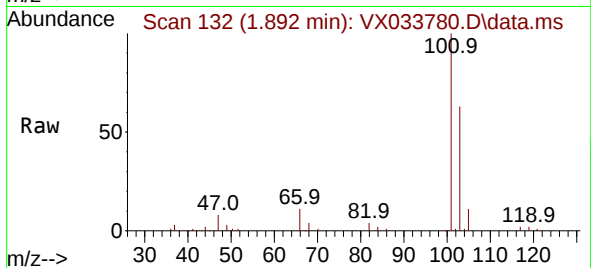
Tgt Ion: 64 Resp: 17470
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0





#7
Trichlorofluoromethane
Concen: 20.526 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

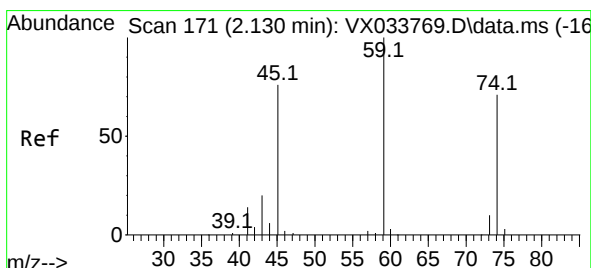
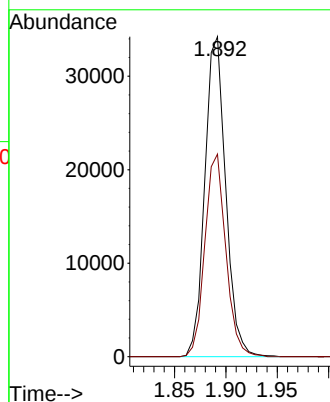
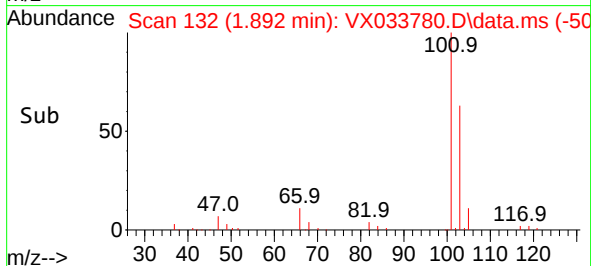
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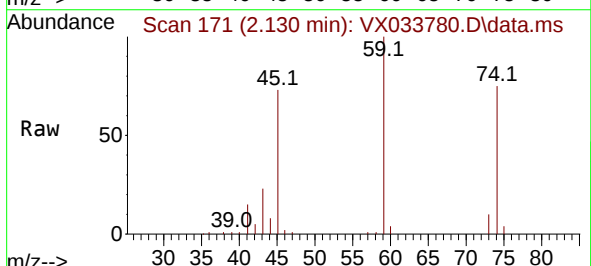
Tgt Ion:101 Resp: 4842
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0

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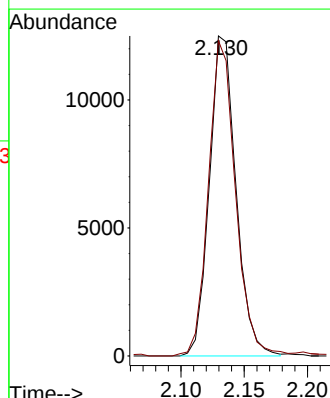
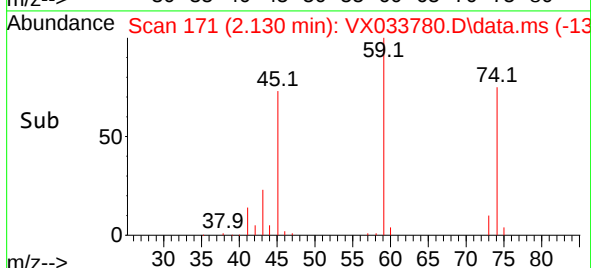
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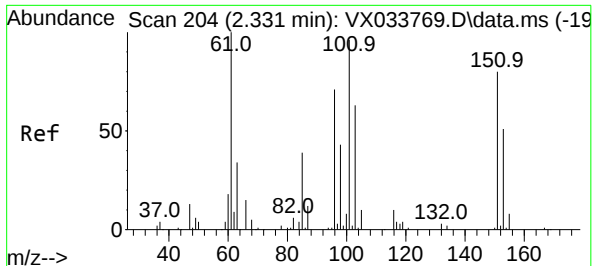


#8
Diethyl Ether
Concen: 20.598 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



Tgt Ion: 74 Resp: 18314
Ion Ratio Lower Upper
74 100
45 99.9 20.2 182.0





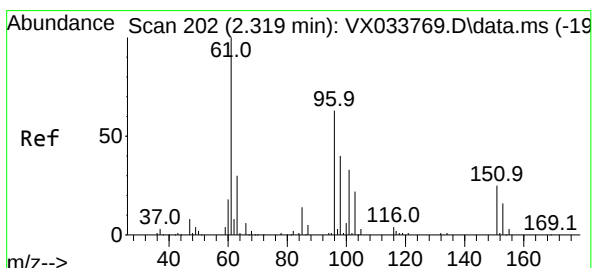
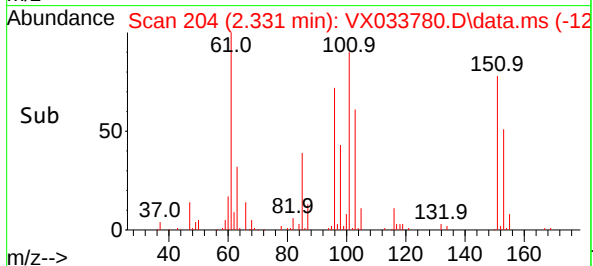
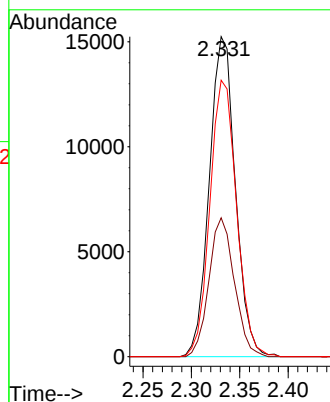
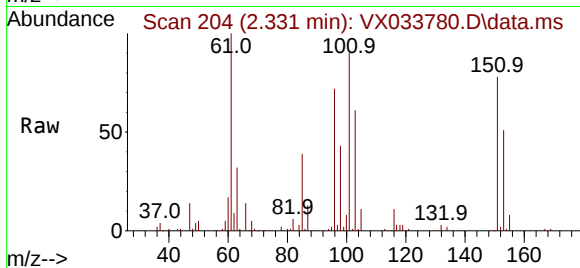
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.993 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 101 Resp: 2854
Ion Ratio Lower Upper
101 100
85 42.4 0.0 83.0
151 88.4 0.0 174.6

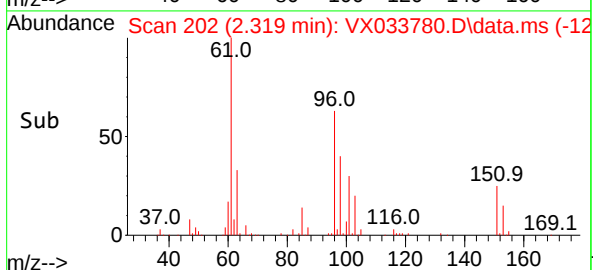
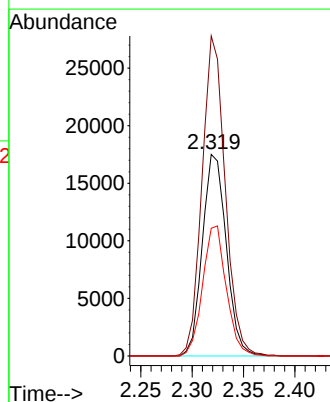
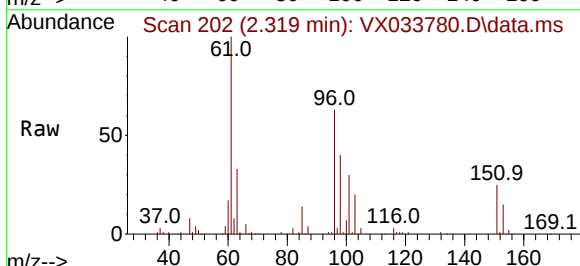
Manual Integrations
APPROVED

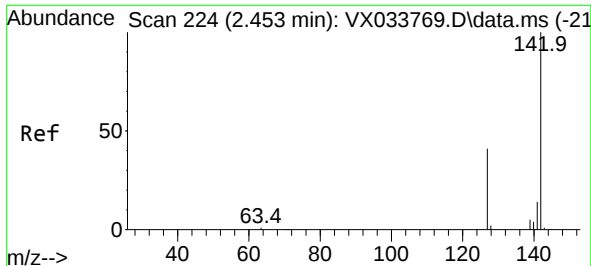
Reviewed By : John Carlone 01/19/2023
Supervised By : Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 20.264 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

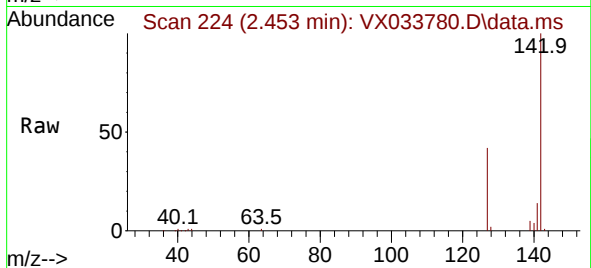
Tgt Ion: 96 Resp: 28416
Ion Ratio Lower Upper
96 100
61 158.7 127.5 191.3
98 63.4 51.1 76.7





#11
Methyl Iodide
Concen: 19.953 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

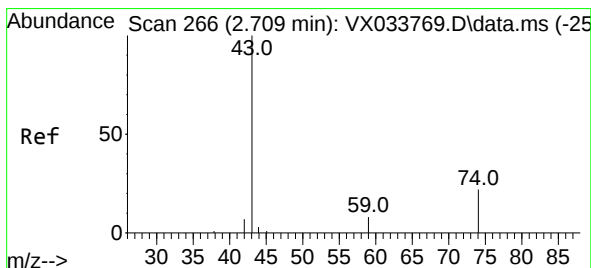
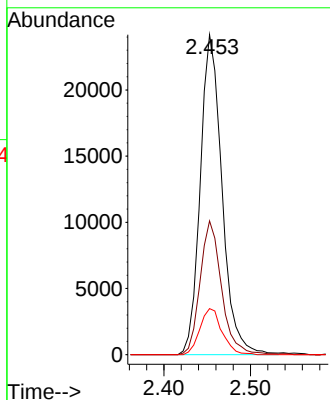
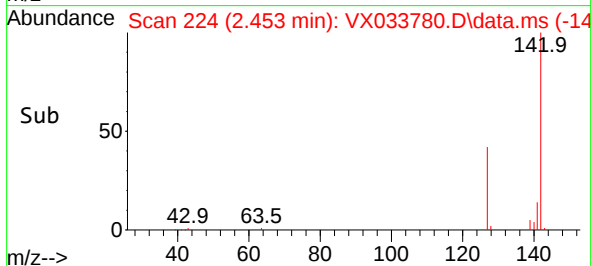
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion:142 Resp: 4221
Ion Ratio Lower Upper
142 100
127 41.8 20.7 62.1
141 14.4 7.0 21.0

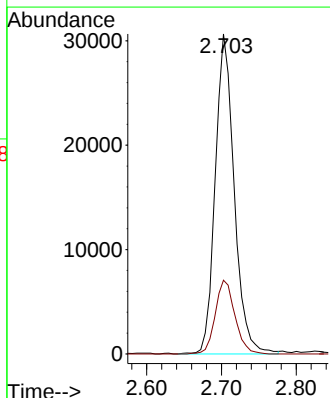
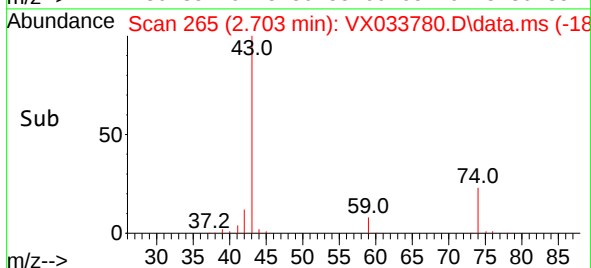
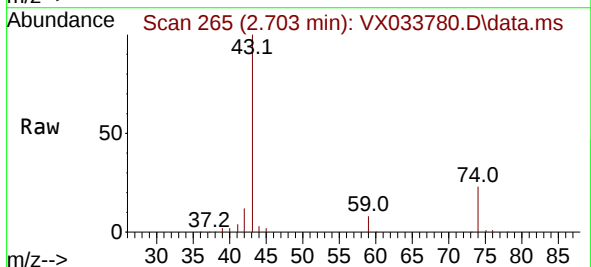
Manual Integrations
APPROVED

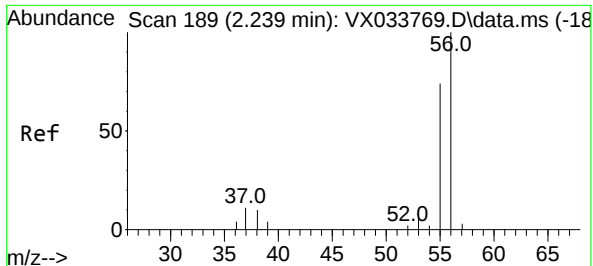
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 22.118 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

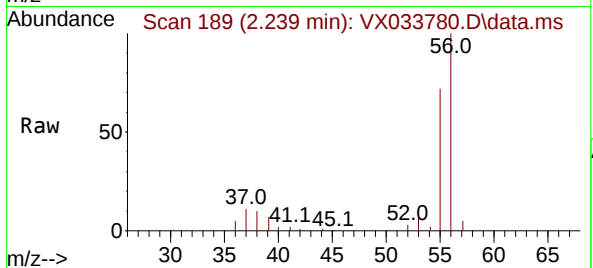
Tgt Ion: 43 Resp: 54123
Ion Ratio Lower Upper
43 100
74 23.1 17.6 26.4





#13
Acrolein
Concen: 89.627 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

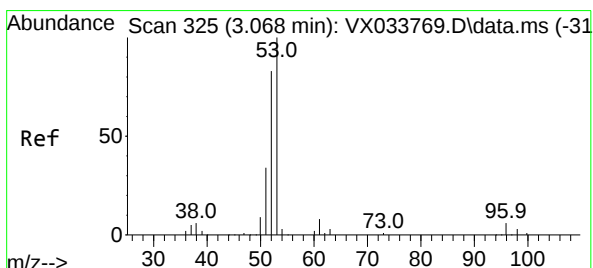
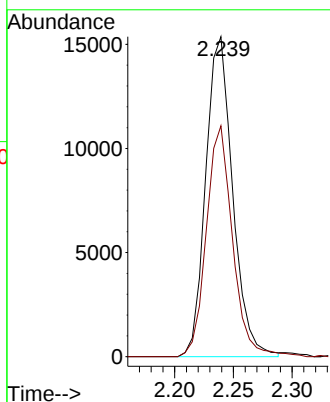
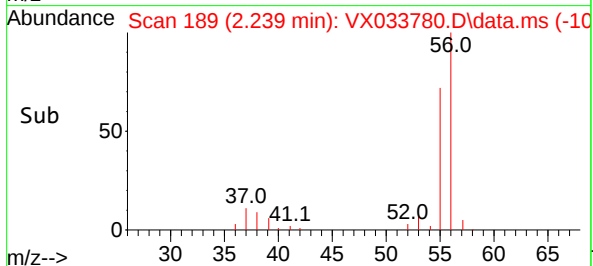
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



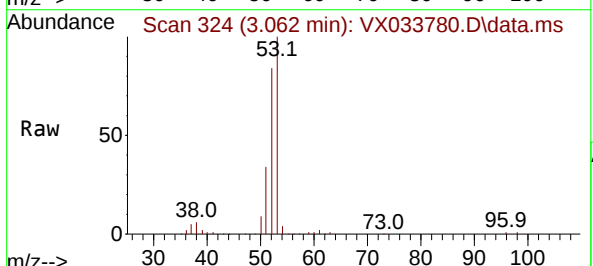
Tgt Ion: 56 Resp: 24530
Ion Ratio Lower Upper
56 100
55 70.2 58.8 88.2

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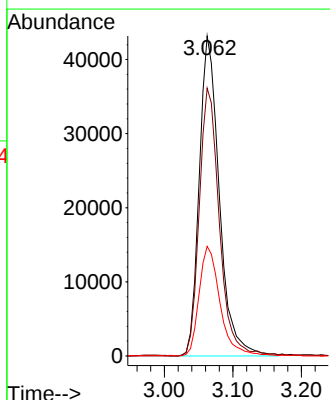
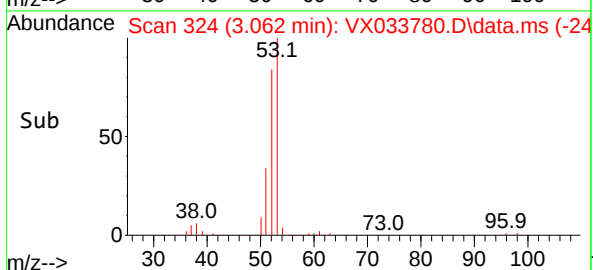
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

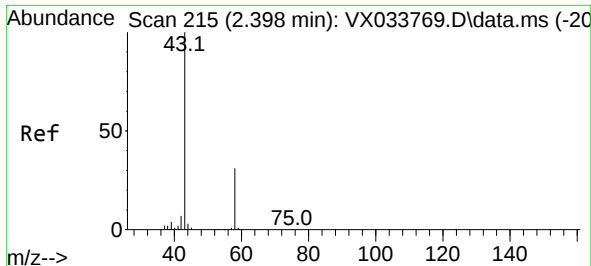


#14
Acrylonitrile
Concen: 110.475 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



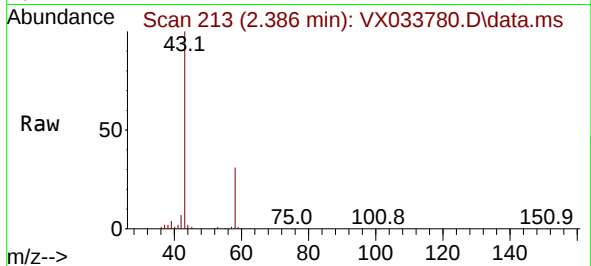
Tgt Ion: 53 Resp: 88072
Ion Ratio Lower Upper
53 100
52 82.8 41.0 123.2
51 35.8 17.6 52.8





#15
Acetone
Concen: 106.447 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

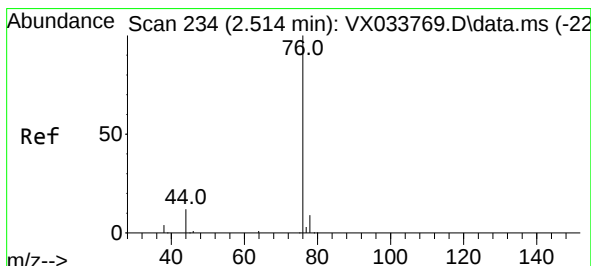
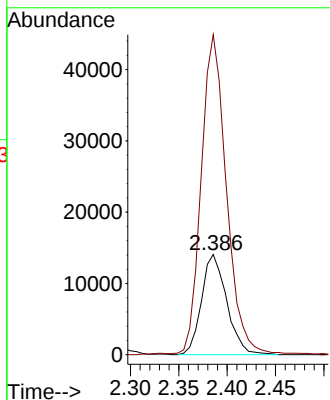
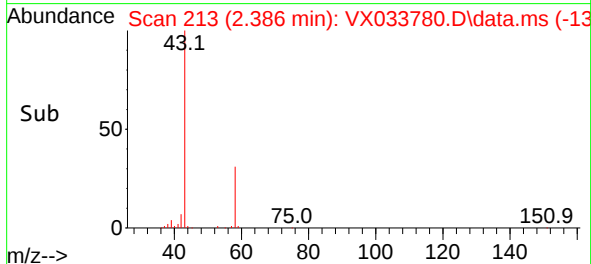
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 58 Resp: 25517
Ion Ratio Lower Upper
58 100
43 317.9 258.6 388.0

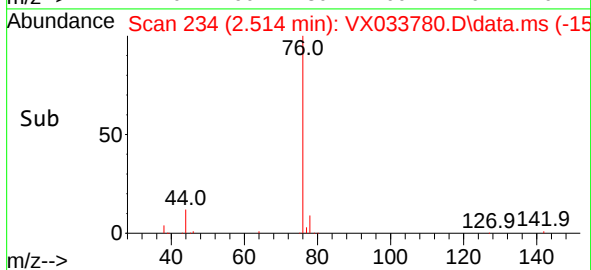
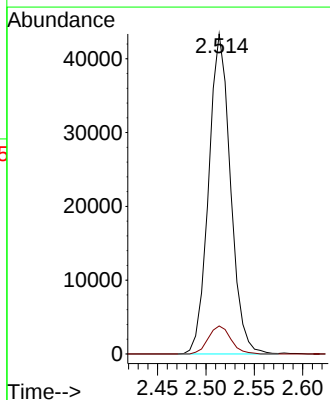
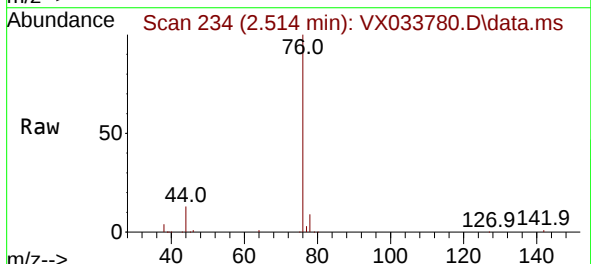
Manual Integrations
APPROVED

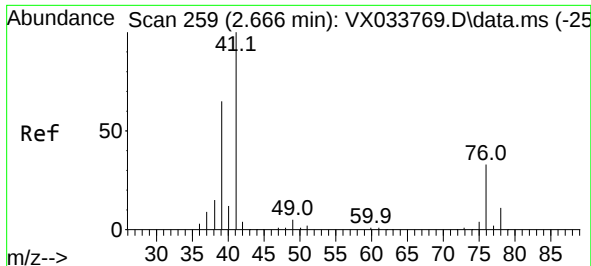
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#16
Carbon Disulfide
Concen: 19.844 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 76 Resp: 68217
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3





#17

Allyl chloride

Concen: 20.664 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033780.D

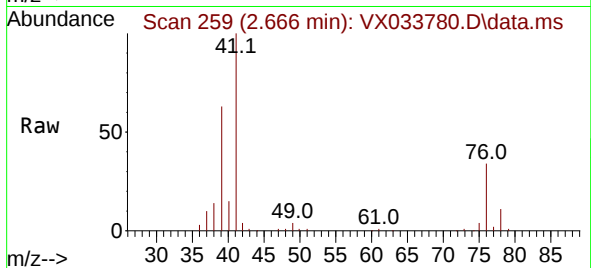
Acq: 18 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01



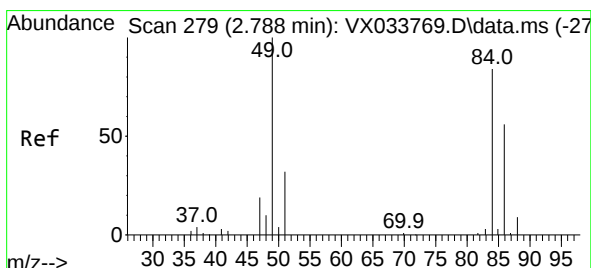
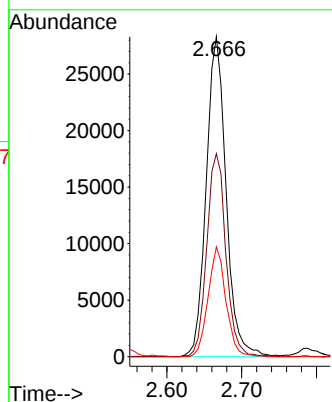
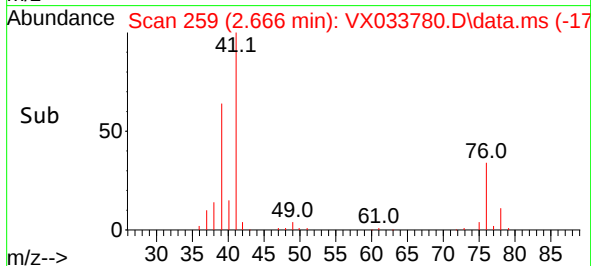
Tgt Ion:	41	Resp:	5230
Ion	Ratio	Lower	Upper
41	100		
39	63.5	32.5	97.4
76	34.3	16.6	49.8

Manual Integrations

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Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#18

Methylene Chloride

Concen: 20.862 ug/l

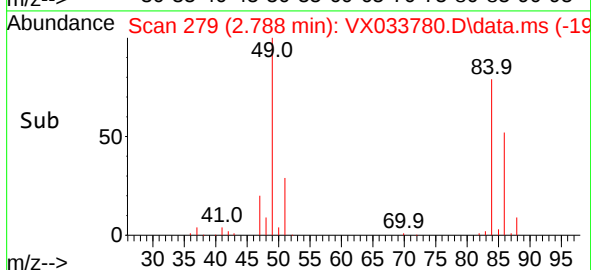
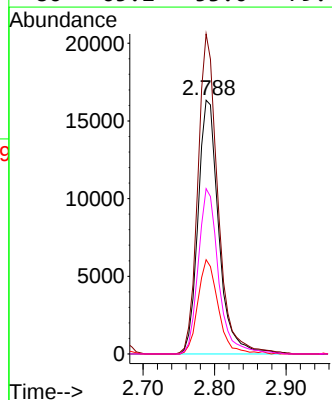
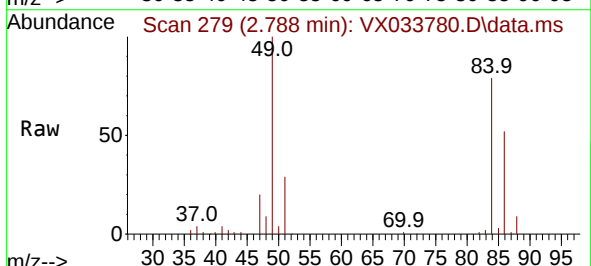
RT: 2.788 min Scan# 279

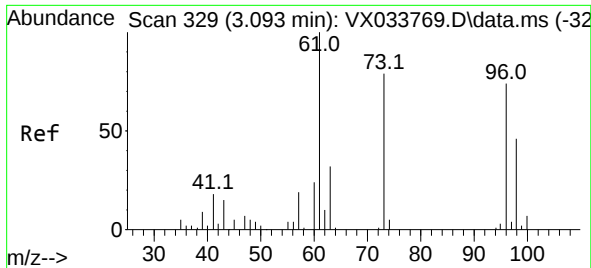
Delta R.T. -0.000 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Tgt Ion:	84	Resp:	32938
Ion	Ratio	Lower	Upper
84	100		
49	125.4	95.0	142.6
51	37.1	30.3	45.5
86	65.2	53.0	79.4





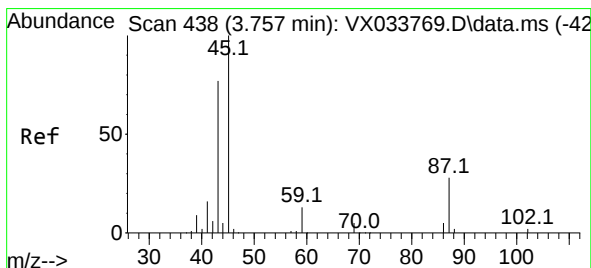
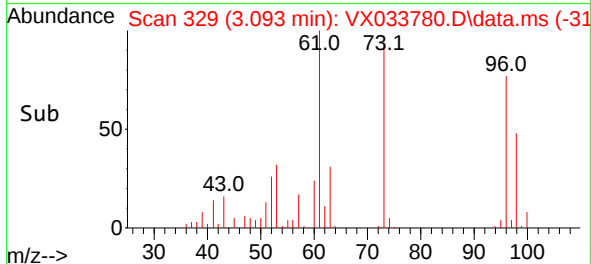
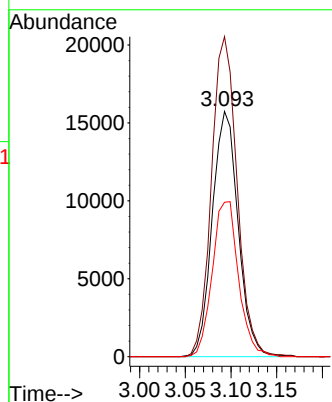
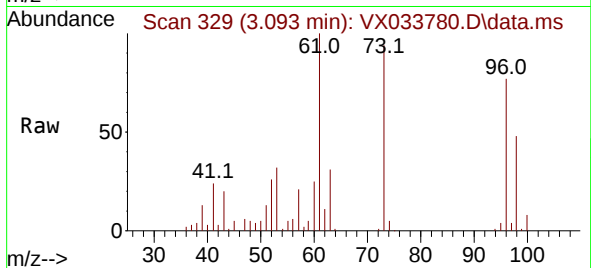
#19
trans-1,2-Dichloroethene
Concen: 20.538 ug/l
RT: 3.093 min Scan# 3100
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 96 Resp: 3100
Ion Ratio Lower Upper
96 100
61 130.4 107.7 161.5
98 63.0 49.8 74.6

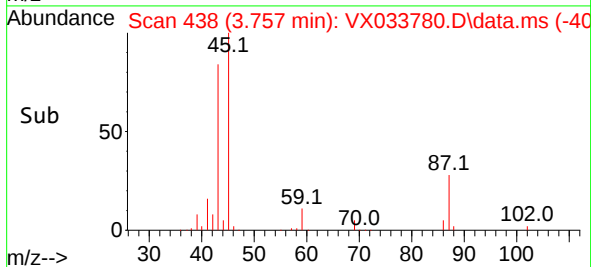
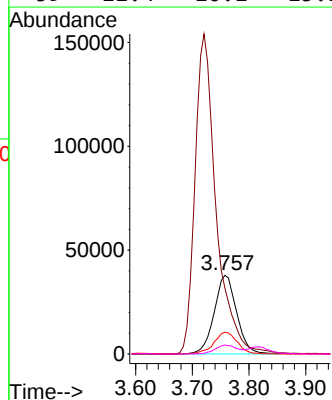
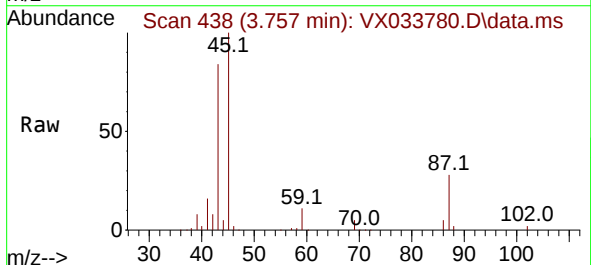
Manual Integrations
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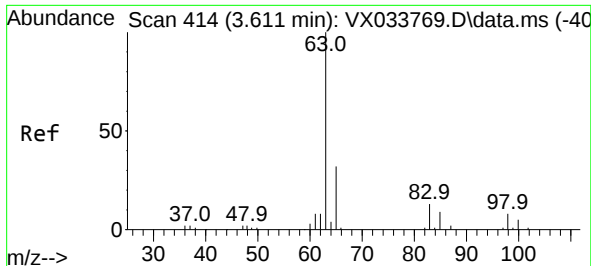
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#20
Diisopropyl ether
Concen: 20.992 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 45 Resp: 104149
Ion Ratio Lower Upper
45 100
43 82.6 66.6 99.8
87 27.7 22.3 33.5
59 11.4 10.1 15.1





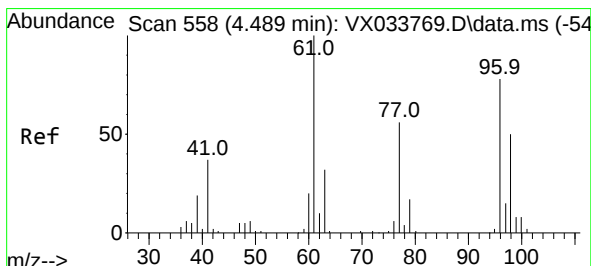
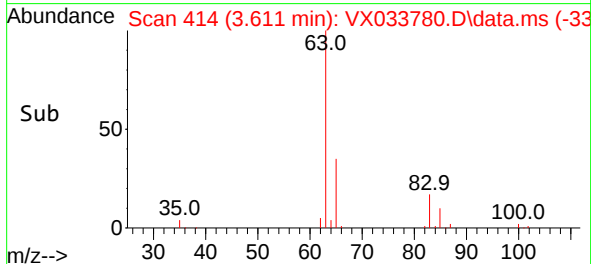
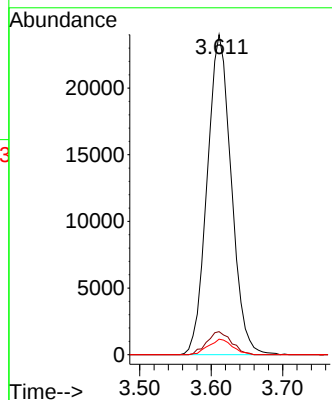
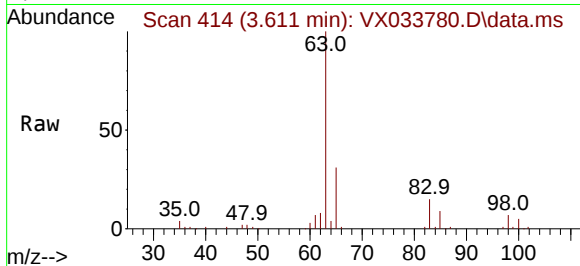
#21
1,1-Dichloroethane
Concen: 20.700 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 63 Resp: 5620
Ion Ratio Lower Upper
63 100
98 7.2 4.0 12.2
100 4.9 2.3 6.9

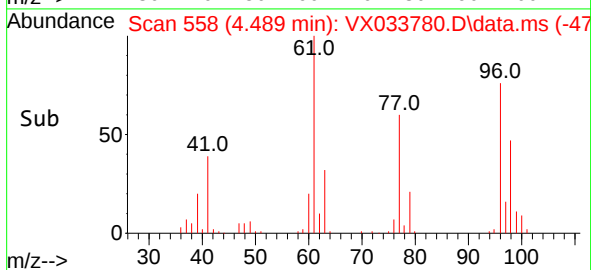
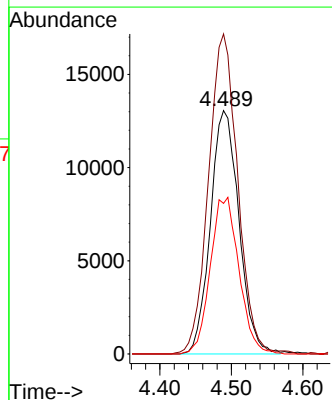
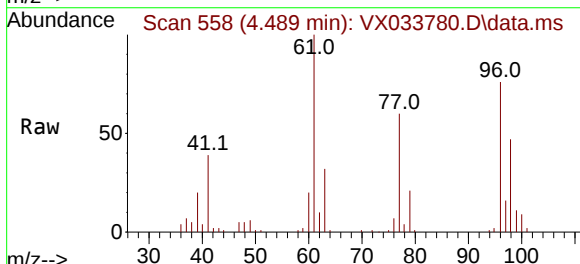
Manual Integrations
APPROVED

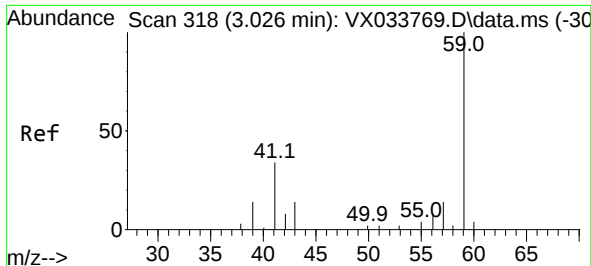
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 20.414 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

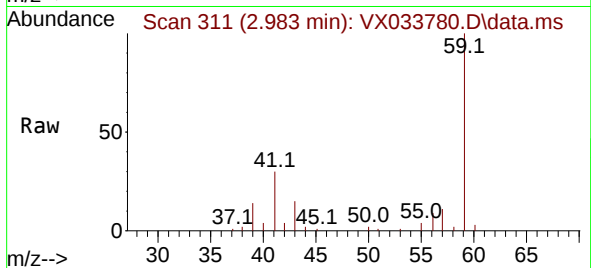
Tgt Ion: 96 Resp: 36211
Ion Ratio Lower Upper
96 100
61 134.1 109.0 163.6
98 64.7 51.7 77.5





#23
tert-Butyl Alcohol
Concen: 99.694 ug/l
RT: 2.983 min Scan# 318
Delta R.T. -0.043 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

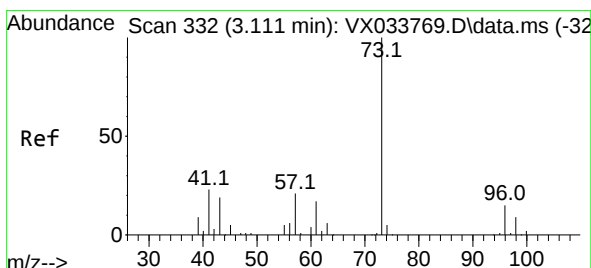
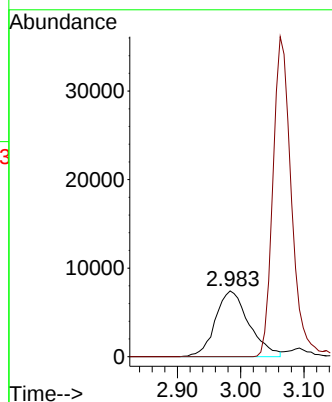
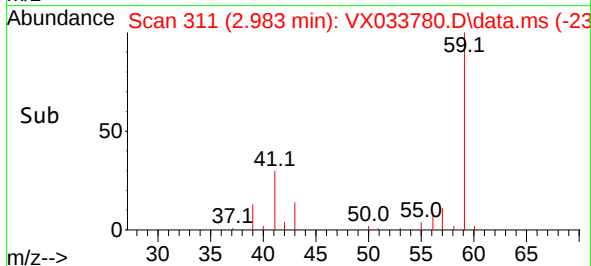
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 59 Resp: 27464
Ion Ratio Lower Upper
59 100
52 0.0 186.7 280.1

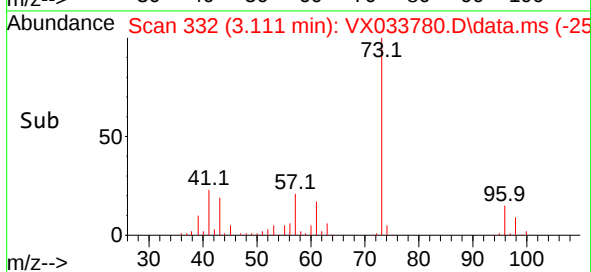
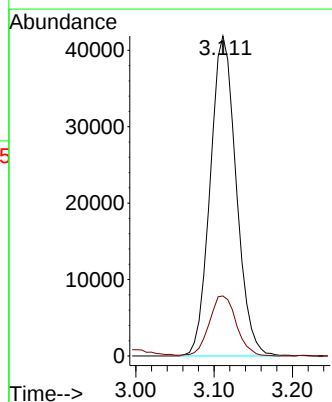
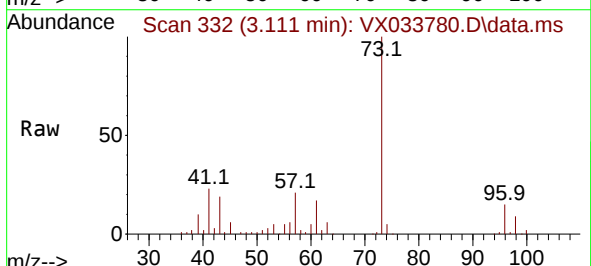
Manual Integrations
APPROVED

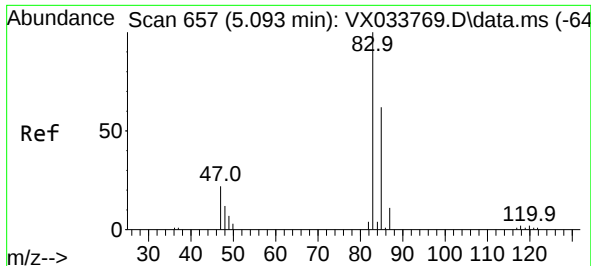
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 20.800 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 73 Resp: 96571
Ion Ratio Lower Upper
73 100
43 19.7 16.9 25.3





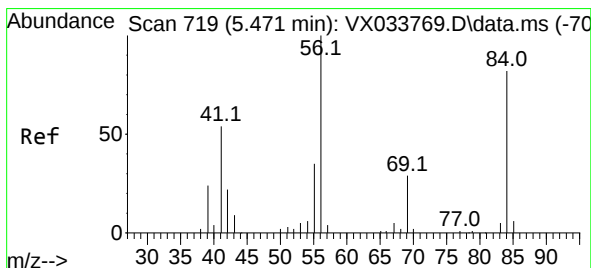
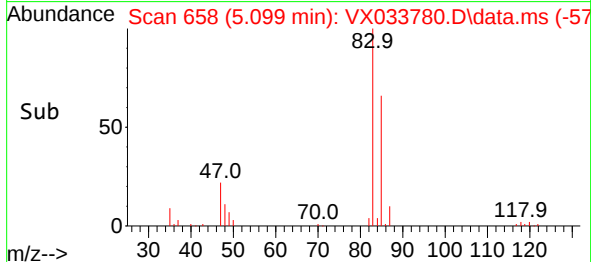
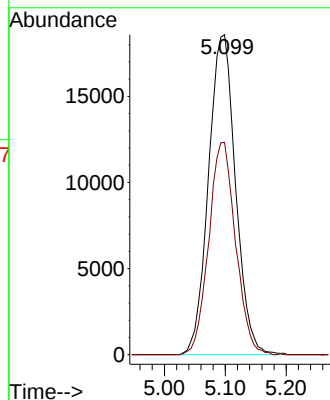
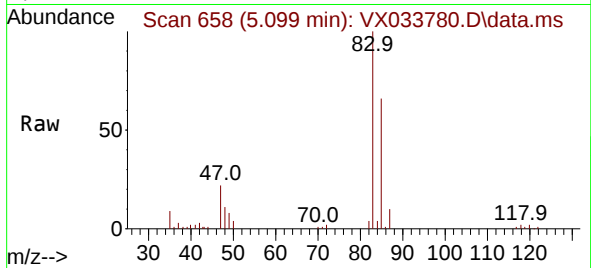
#25
Chloroform
Concen: 21.041 ug/l
RT: 5.099 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 83 Resp: 57452
Ion Ratio Lower Upper
83 100
85 66.3 49.7 74.5

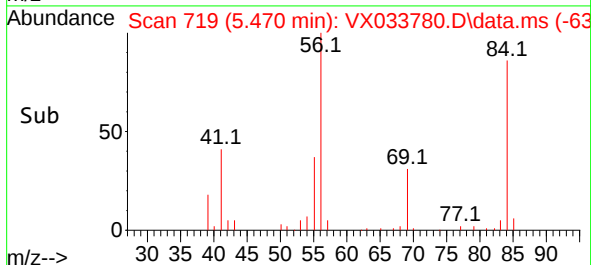
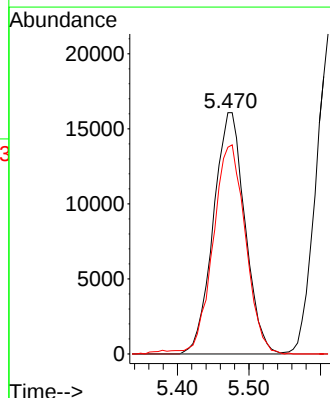
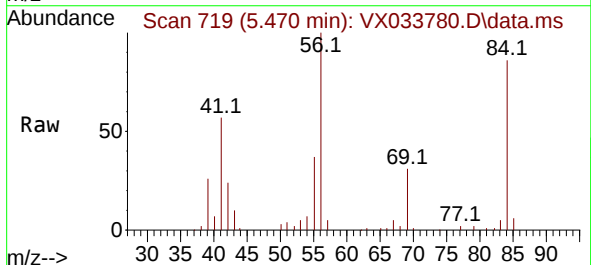
Manual Integrations
APPROVED

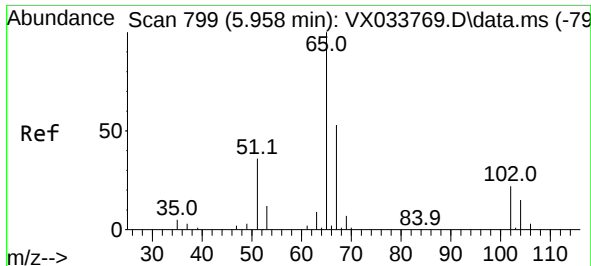
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
Cyclohexane
Concen: 19.964 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 56 Resp: 49394
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.4 72.0 108.0





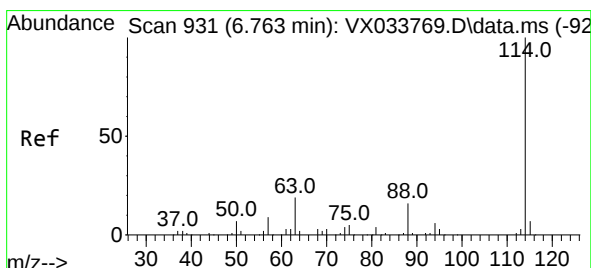
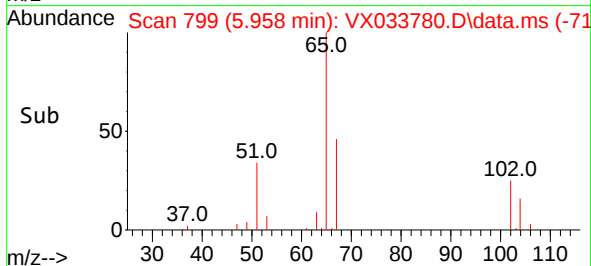
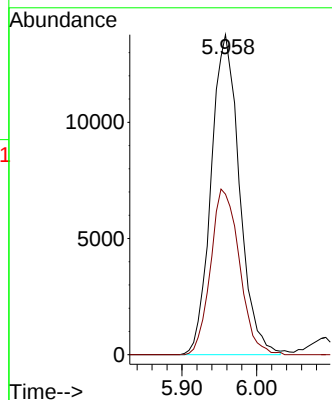
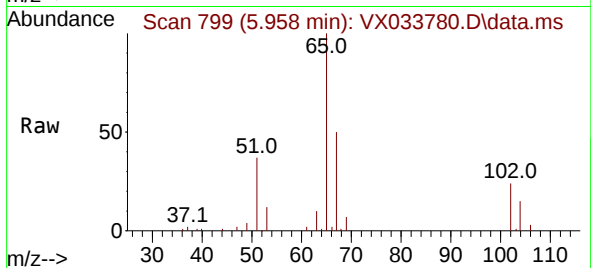
#27
1,2-Dichloroethane-d4
Concen: 29.714 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 65 Resp: 3628
Ion Ratio Lower Upper
65 100
67 52.6 43.0 64.4

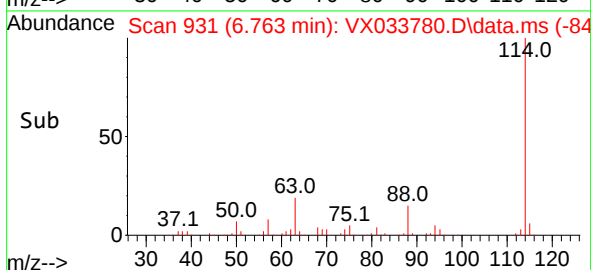
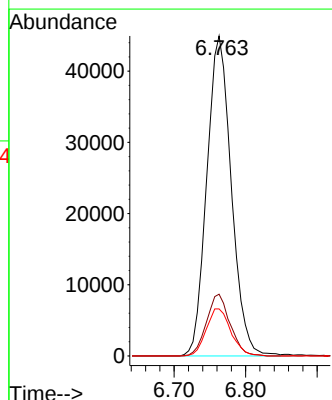
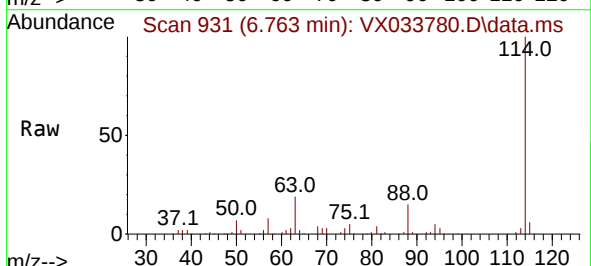
Manual Integrations
APPROVED

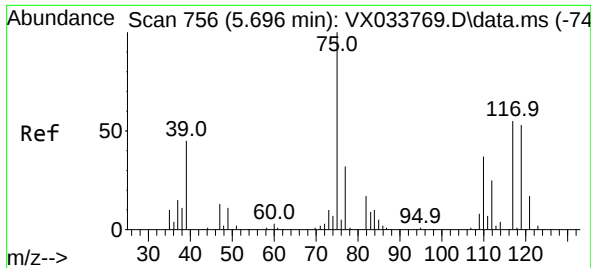
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

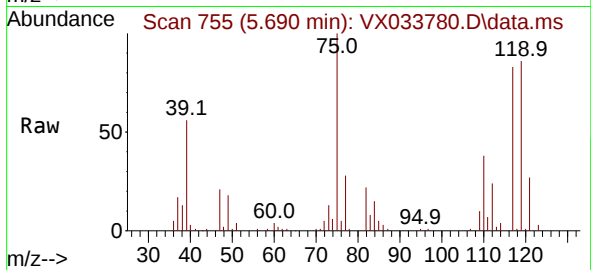
Tgt Ion:114 Resp: 107075
Ion Ratio Lower Upper
114 100
63 18.5 15.2 22.8
88 14.8 12.4 18.6





#29
1,1-Dichloropropene
Concen: 19.632 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

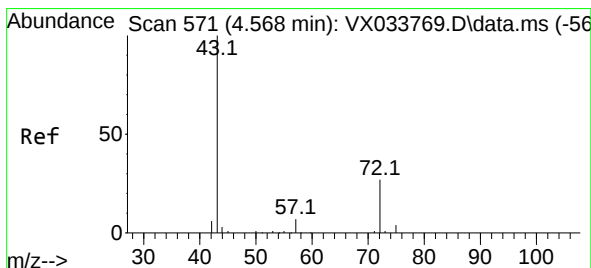
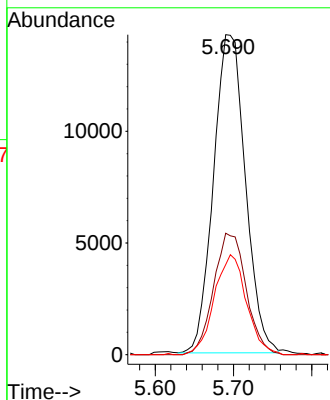
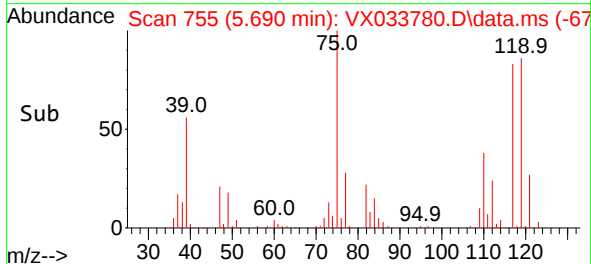


Tgt Ion: 75 Resp: 40370

Ion	Ratio	Lower	Upper
75	100		
110	39.0	0.0	75.8
77	31.6	0.0	62.4

Manual Integrations
APPROVED

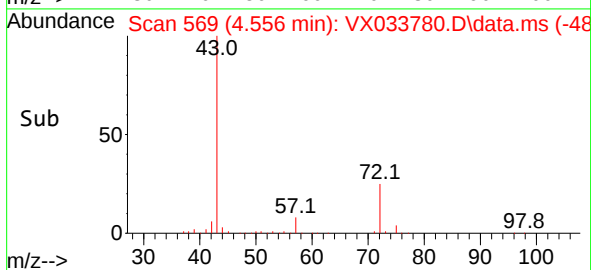
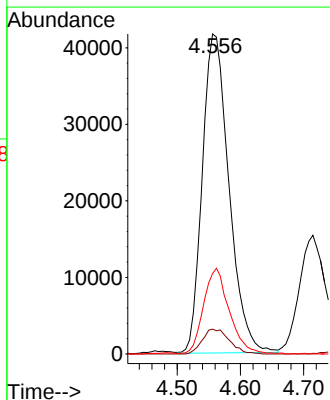
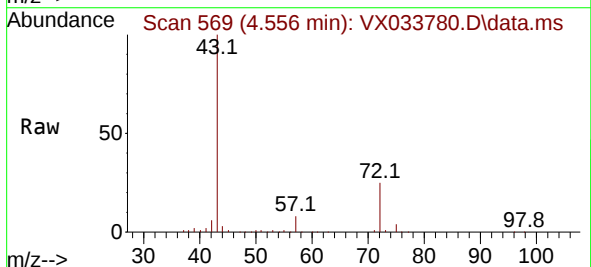
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

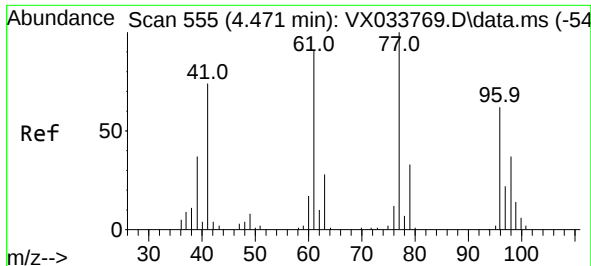


#30
2-Butanone
Concen: 107.639 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 43 Resp: 122306

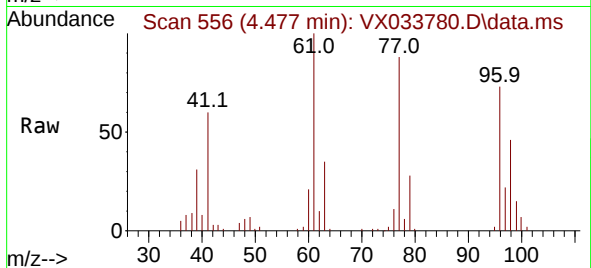
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.0	9.0
72	25.9	20.6	30.8





#31
2,2-Dichloropropane
Concen: 19.128 ug/l
RT: 4.477 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

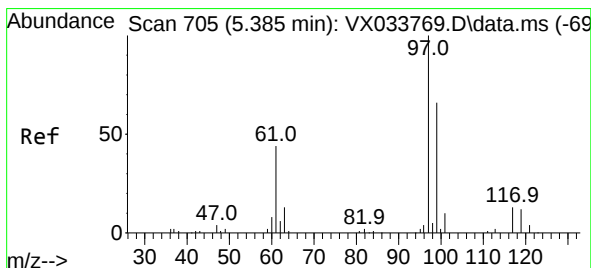
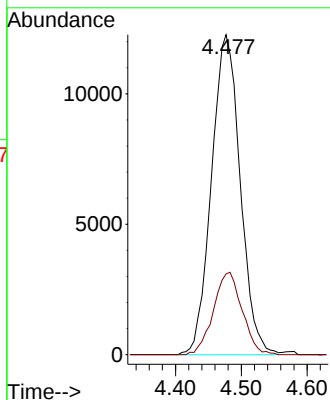
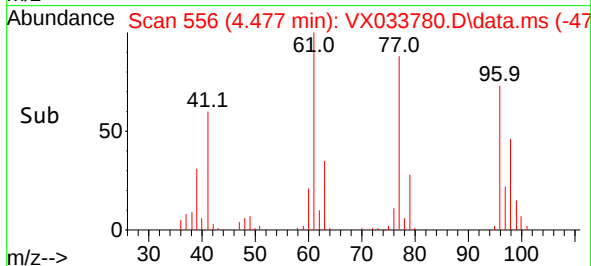
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



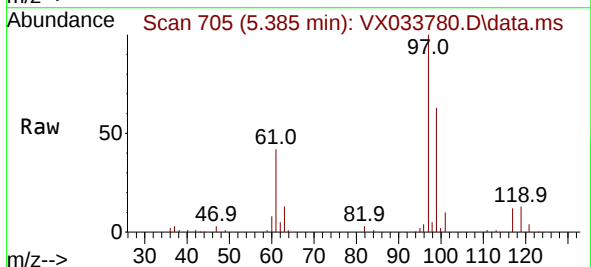
Tgt Ion: 77 Resp: 37310
Ion Ratio Lower Upper
77 100
97 25.7 19.6 29.4

Manual Integrations
APPROVED

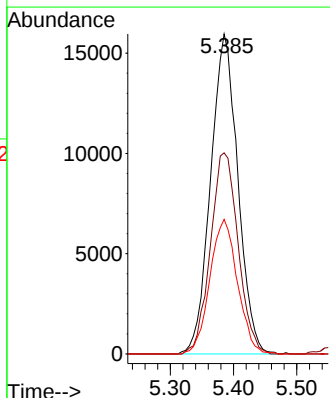
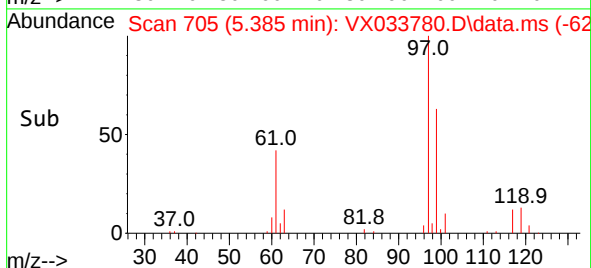
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

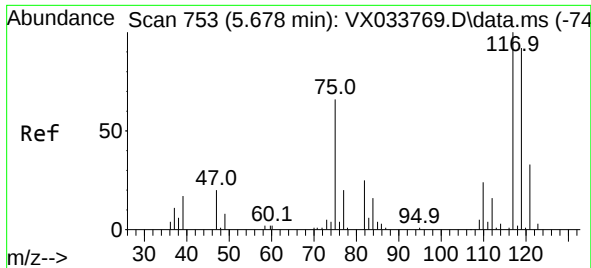


#32
1,1,1-Trichloroethane
Concen: 20.153 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



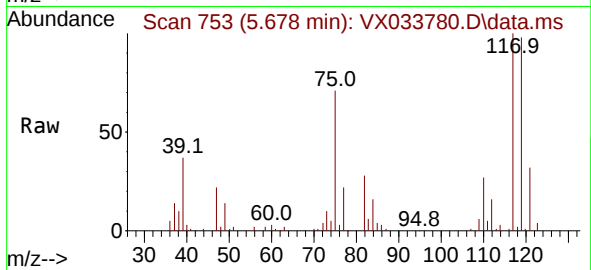
Tgt Ion: 97 Resp: 47729
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 42.7 34.7 52.1





#33
Carbon Tetrachloride
Concen: 19.633 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

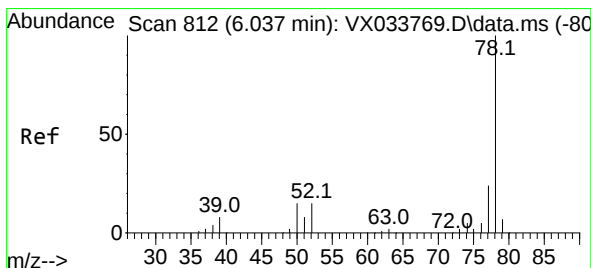
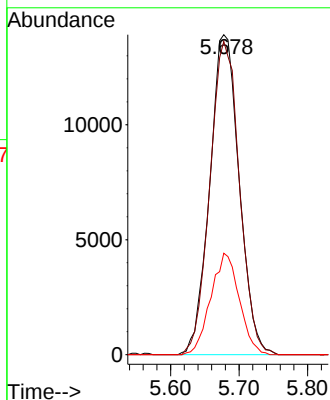
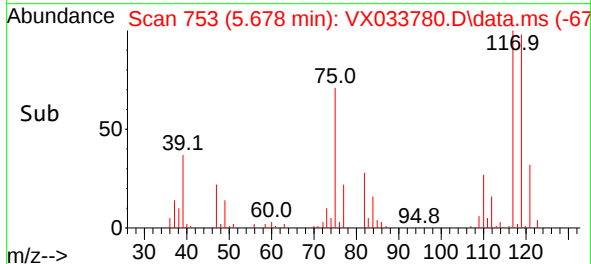
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion:117 Resp: 41618
Ion Ratio Lower Upper
117 100
119 97.9 73.8 110.6
121 31.7 26.2 39.4

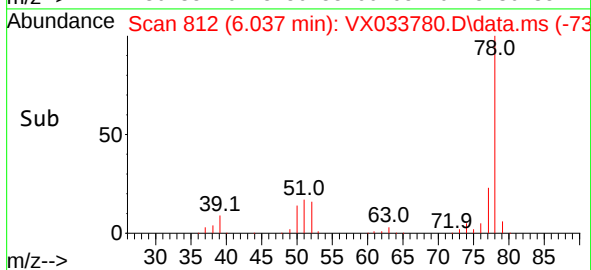
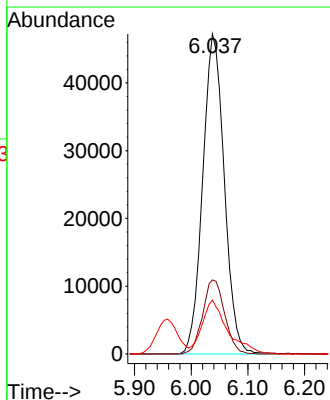
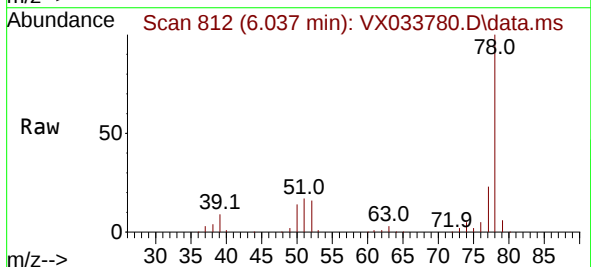
Manual Integrations
APPROVED

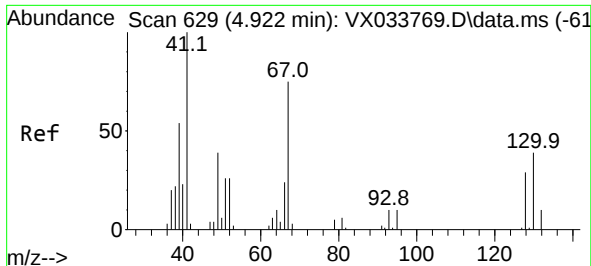
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
Benzene
Concen: 20.416 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

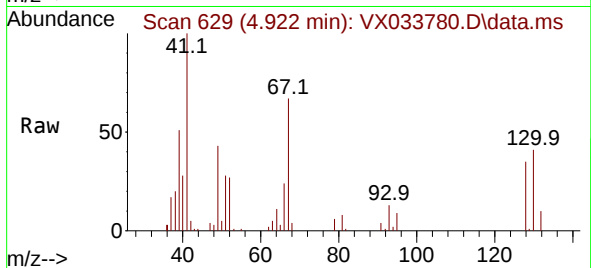
Tgt Ion: 78 Resp: 124617
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3
51 16.9 11.9 17.9





#35
Methacrylonitrile
Concen: 20.888 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

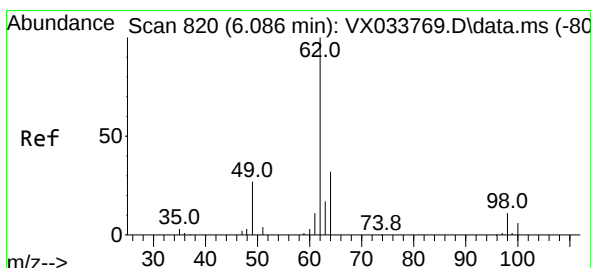
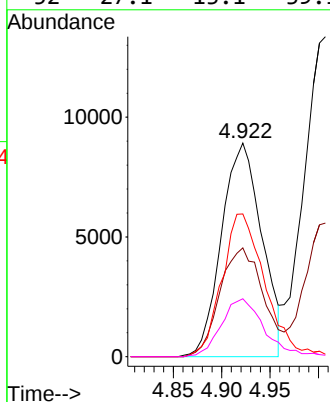
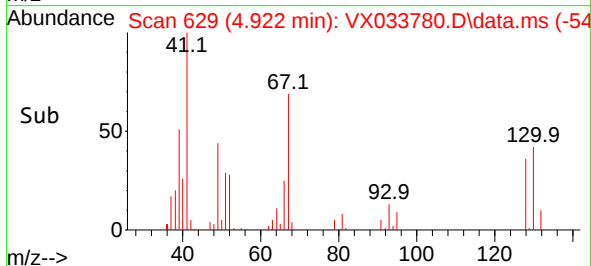
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



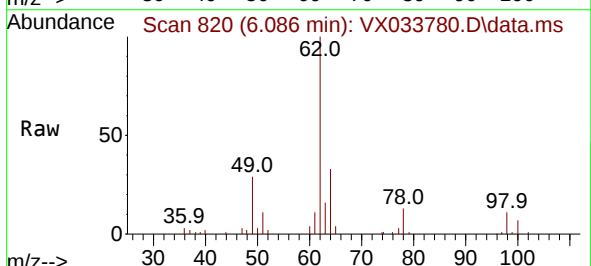
Tgt Ion: 41 Resp: 25840
Ion Ratio Lower Upper
41 100
39 50.9 27.0 80.8
67 66.8 37.3 111.8
52 27.1 13.1 39.1

Manual Integrations
APPROVED

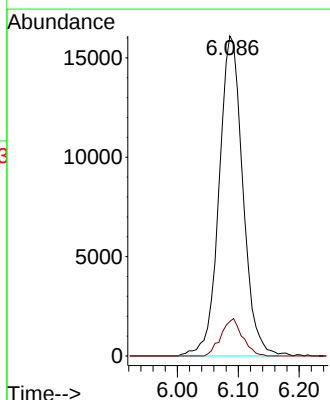
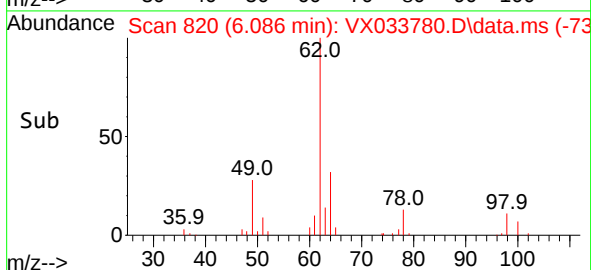
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

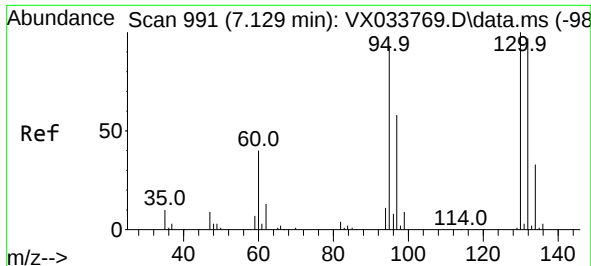


#36
1,2-Dichloroethane
Concen: 20.343 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



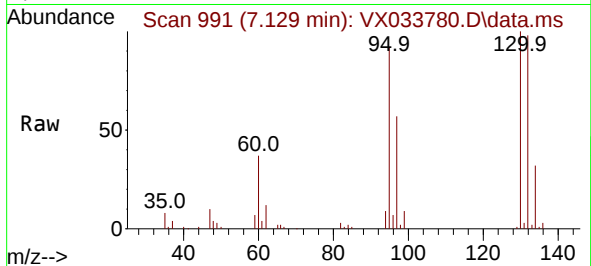
Tgt Ion: 62 Resp: 43676
Ion Ratio Lower Upper
62 100
98 10.5 8.2 12.4





#37
Trichloroethene
Concen: 21.070 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

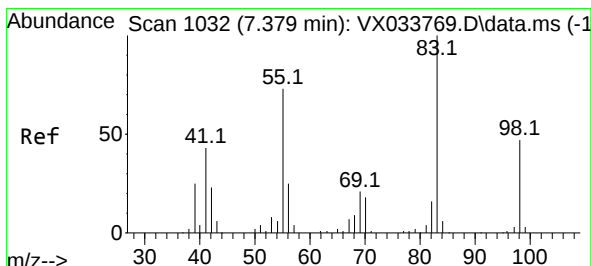
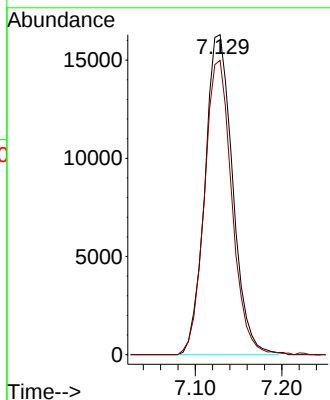
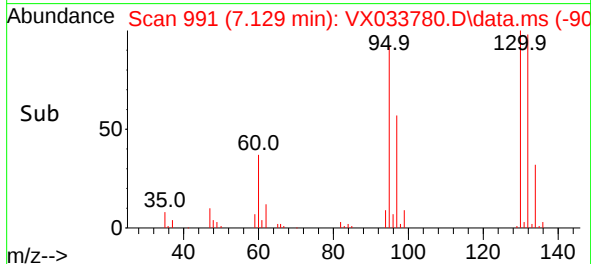
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



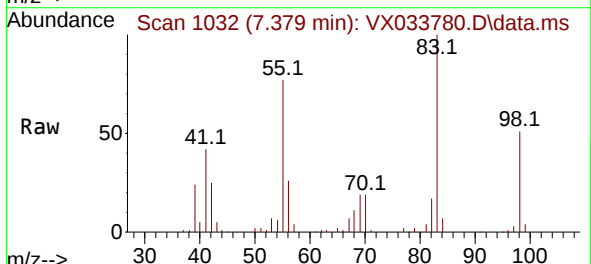
Tgt Ion:130 Resp: 3632
Ion Ratio Lower Upper
130 100
95 91.9 74.1 111.1

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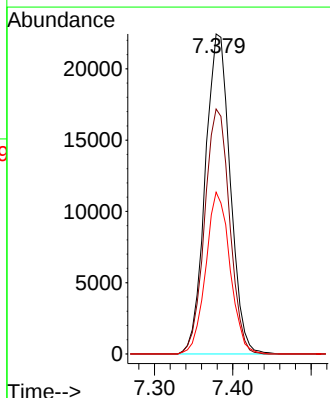
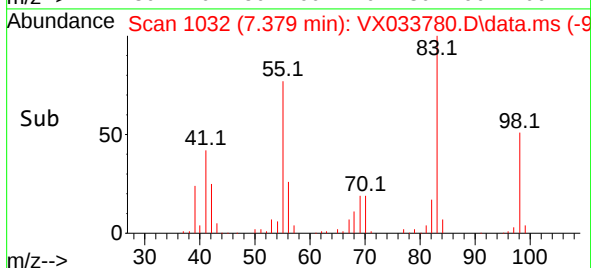
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

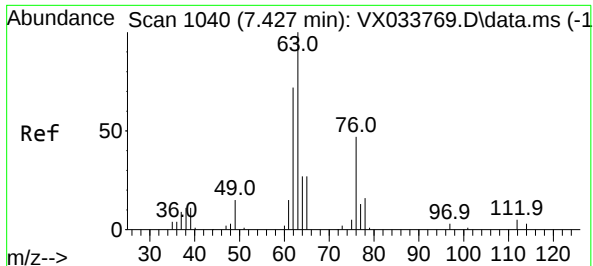


#38
Methylcyclohexane
Concen: 20.110 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



Tgt Ion: 83 Resp: 49762
Ion Ratio Lower Upper
83 100
55 76.4 38.9 116.6
98 49.2 25.4 76.4





#39

1,2-Dichloropropane

Concen: 21.226 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

Tgt Ion: 63 Resp: 3171

Ion Ratio Lower Upper

63 100

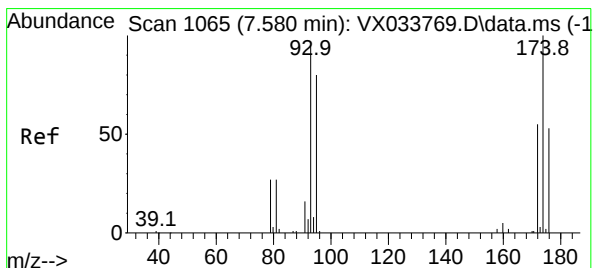
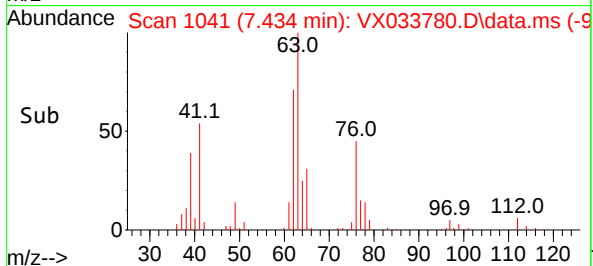
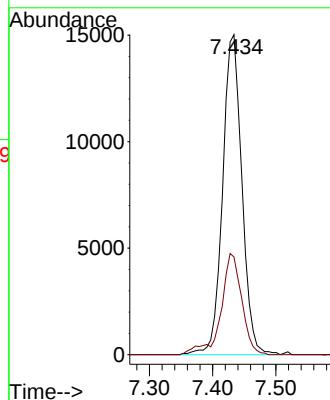
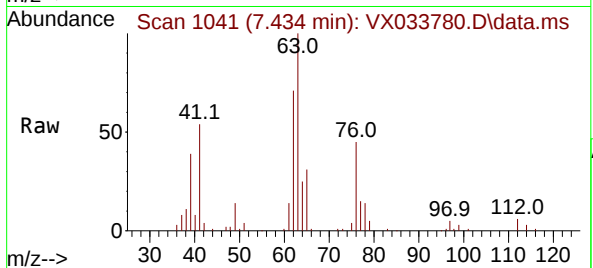
65 30.5 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 21.303 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

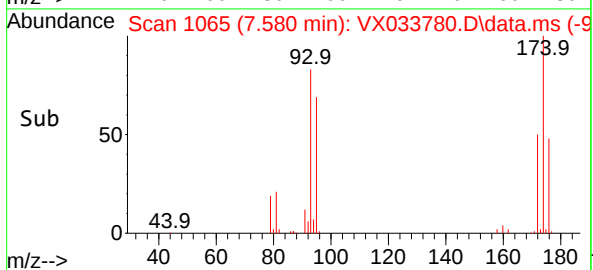
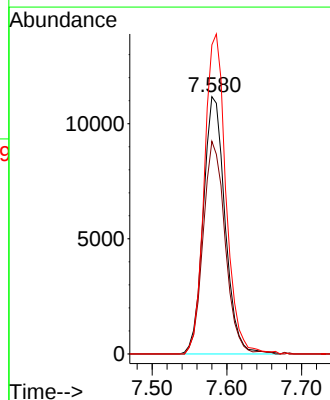
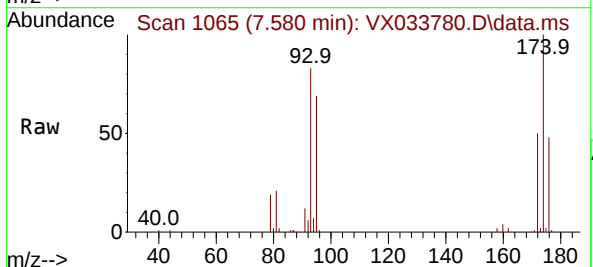
Tgt Ion: 93 Resp: 22626

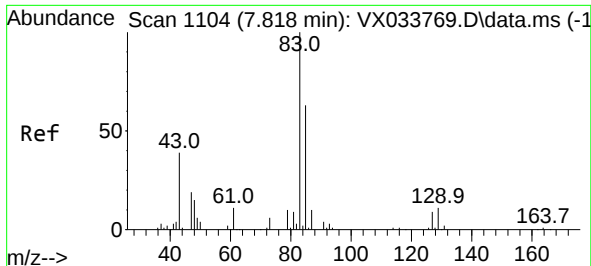
Ion Ratio Lower Upper

93 100

95 82.8 0.0 165.4

174 123.0 0.0 227.2





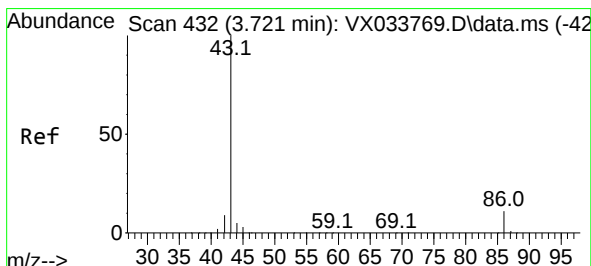
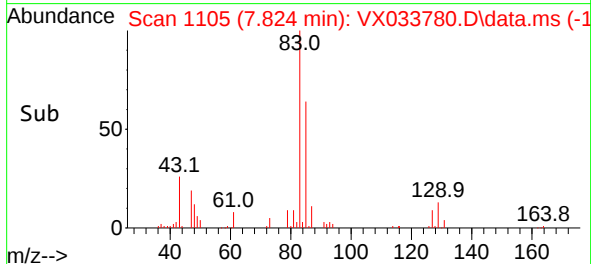
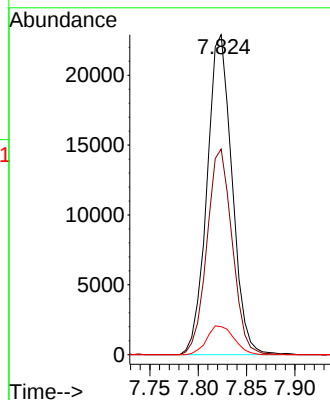
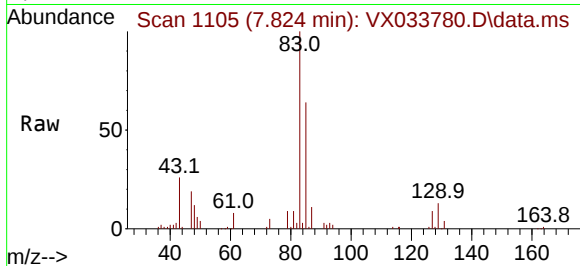
#41
Bromodichloromethane
Concen: 20.364 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 83 Resp: 4126
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 8.7 7.2 10.8

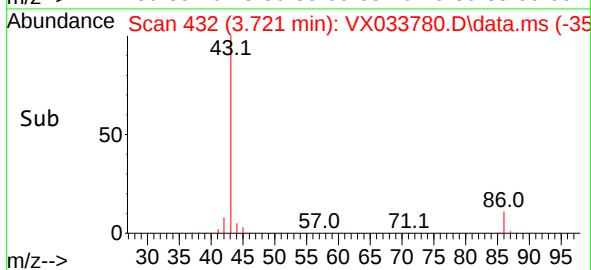
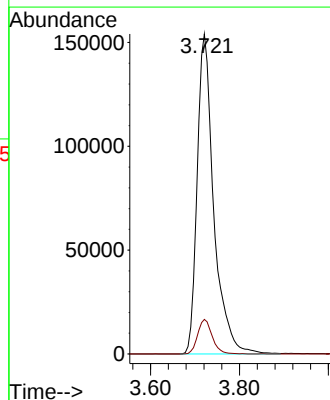
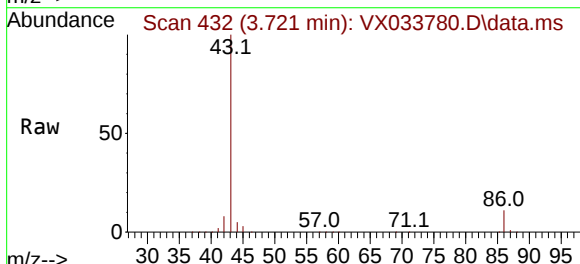
Manual Integrations
APPROVED

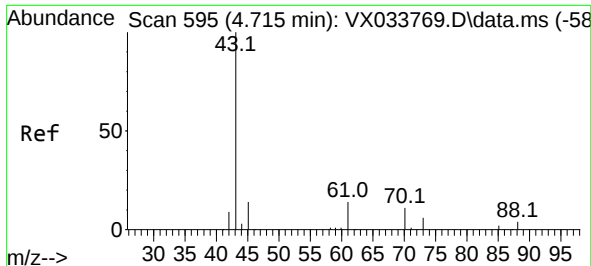
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 104.661 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

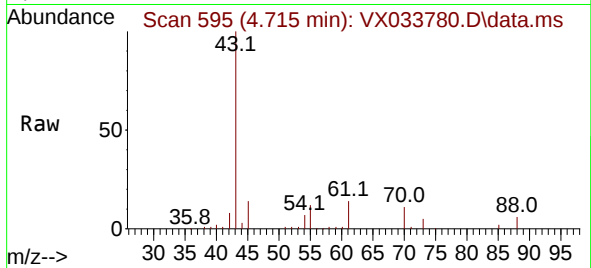
Tgt Ion: 43 Resp: 399584
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3





#43
Ethyl Acetate
Concen: 19.927 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

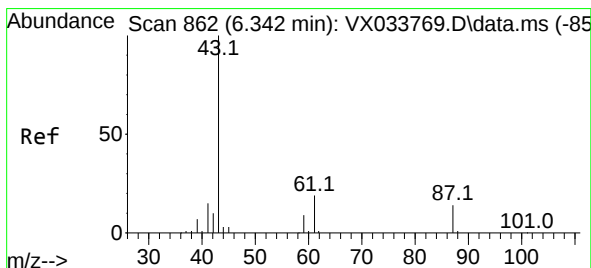
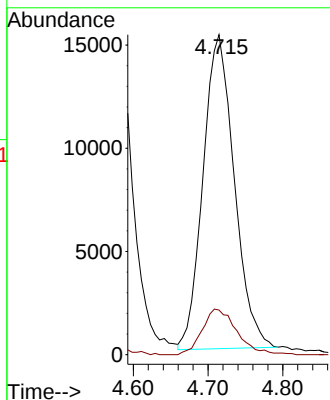
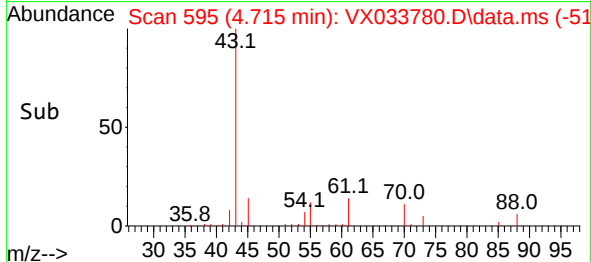
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



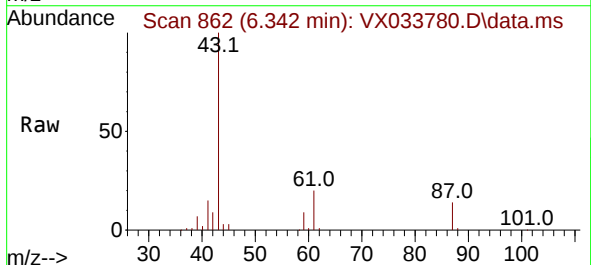
Tgt Ion: 43 Resp: 44262
Ion Ratio Lower Upper
43 100
45 15.6 12.1 18.1

Manual Integrations
APPROVED

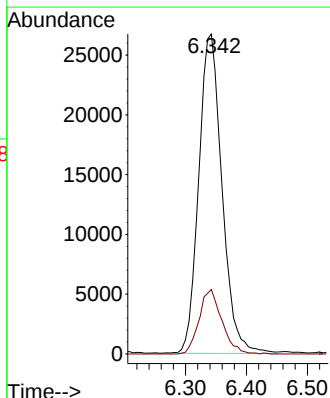
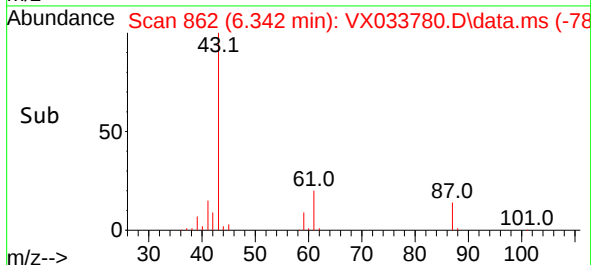
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

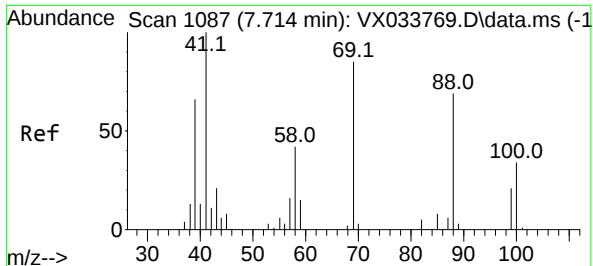


#44
Isopropyl Acetate
Concen: 21.019 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



Tgt Ion: 43 Resp: 70992
Ion Ratio Lower Upper
43 100
61 19.6 15.6 23.4





#45

1,4-Dioxane

Concen: 396.811 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.024 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

Tgt Ion: 88 Resp: 1385

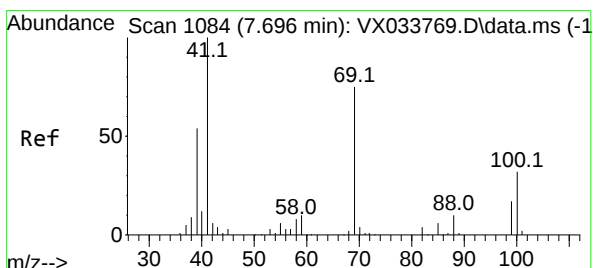
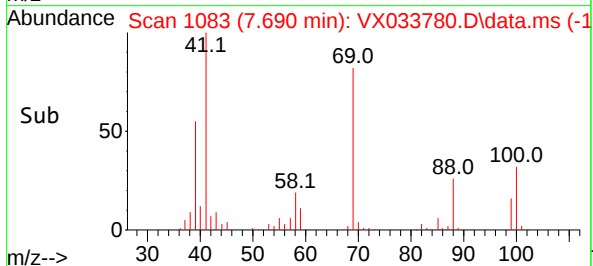
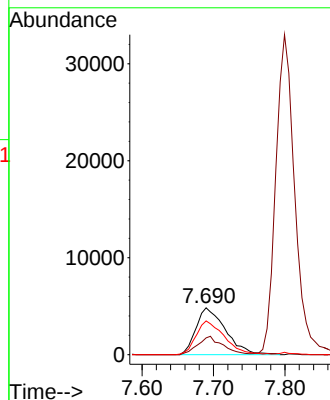
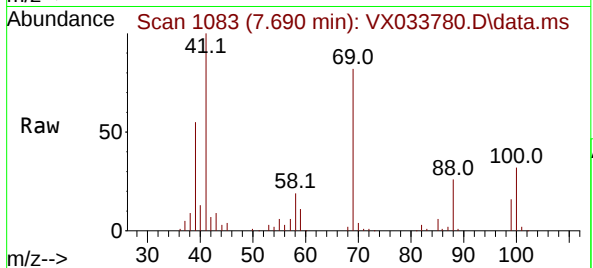
Ion	Ratio	Lower	Upper
88	100		
43	33.0	2.8	4.2
58	68.8	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#46

Methyl methacrylate

Concen: 21.093 ug/l

RT: 7.690 min Scan# 1083

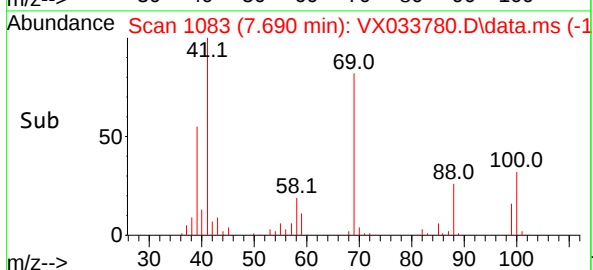
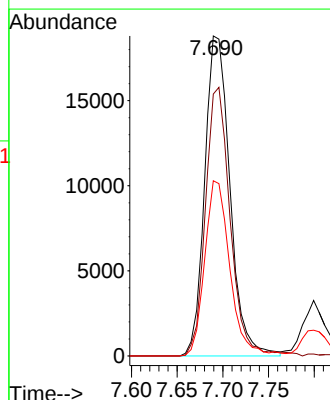
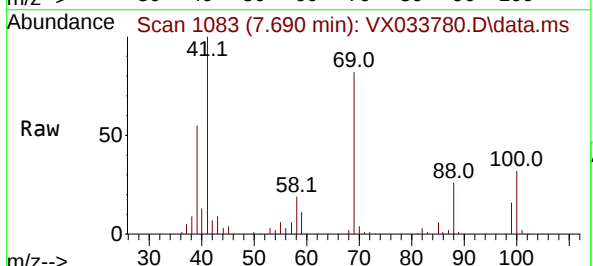
Delta R.T. -0.006 min

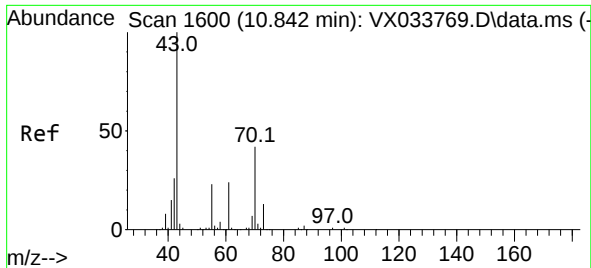
Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Tgt Ion: 41 Resp: 36173

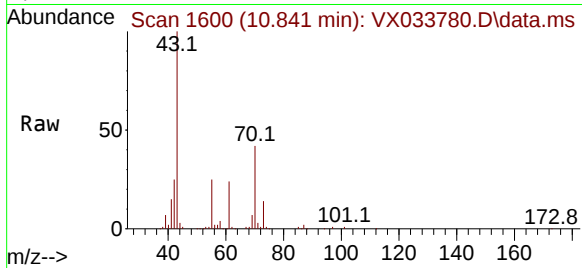
Ion	Ratio	Lower	Upper
41	100		
69	81.9	37.4	112.2
39	54.7	27.2	81.5





#47
n-amy1 Acetate
Concen: 20.627 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

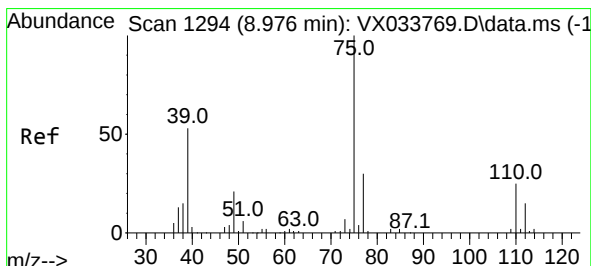
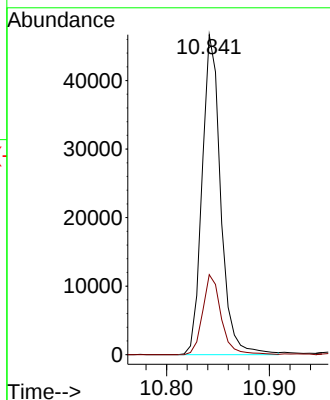
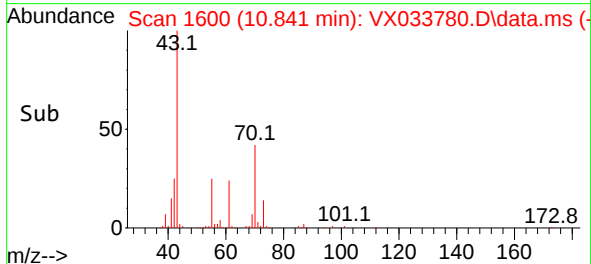
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 43 Resp: 58769
Ion Ratio Lower Upper
43 100
55 24.9 19.8 29.6

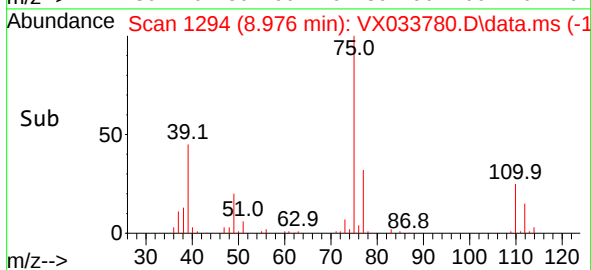
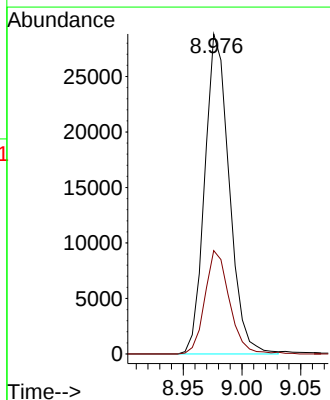
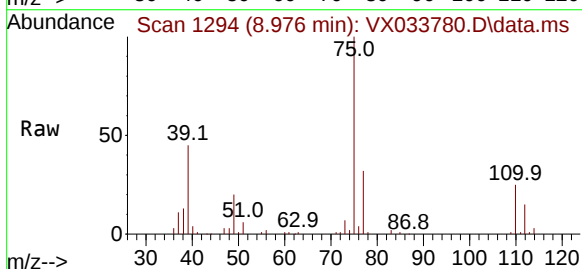
Manual Integrations
APPROVED

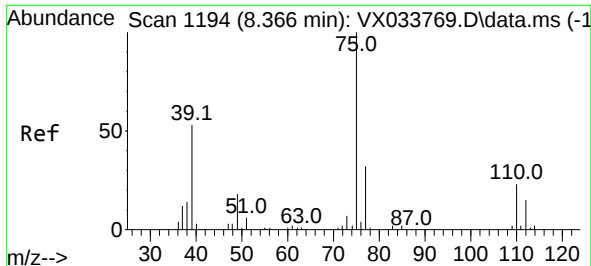
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
t-1,3-Dichloropropene
Concen: 19.565 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 75 Resp: 41769
Ion Ratio Lower Upper
75 100
77 32.3 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 19.506 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033780.D

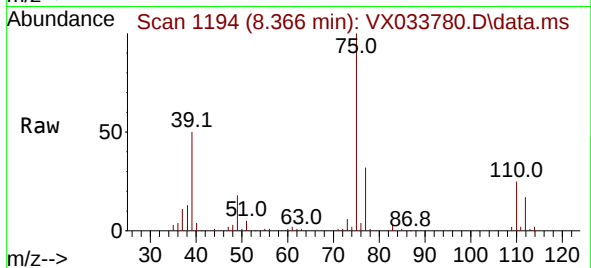
Acq: 18 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01



Tgt Ion: 75 Resp: 47000

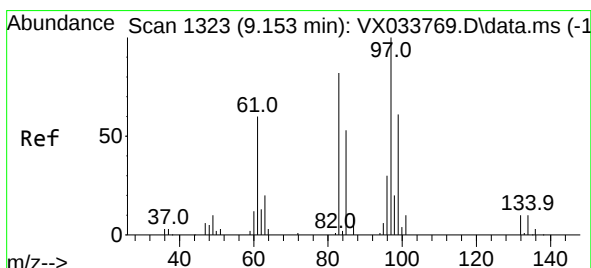
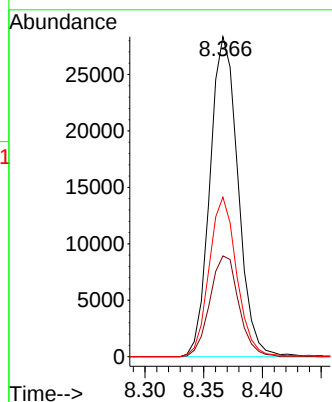
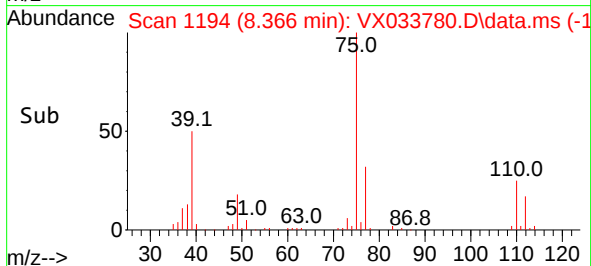
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	49.8	42.2	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 21.025 ug/l

RT: 9.153 min Scan# 1323

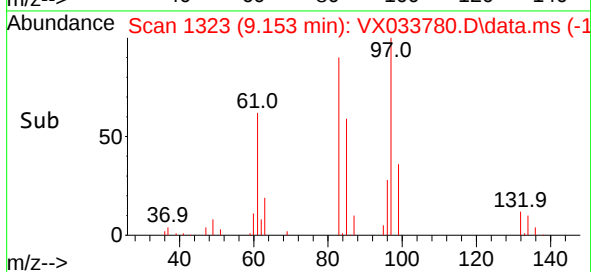
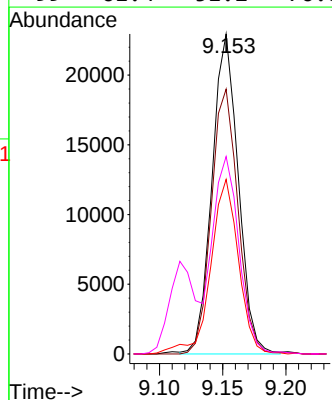
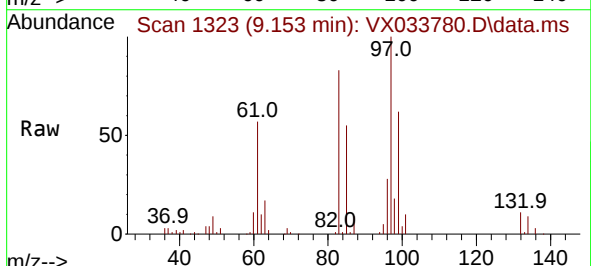
Delta R.T. -0.000 min

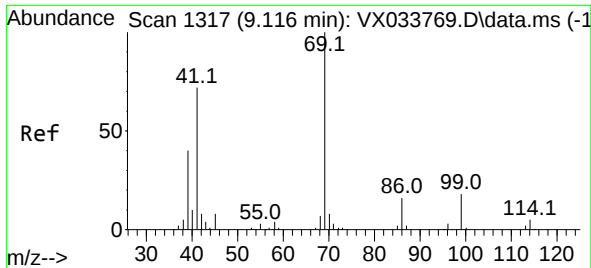
Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Tgt Ion: 97 Resp: 33126

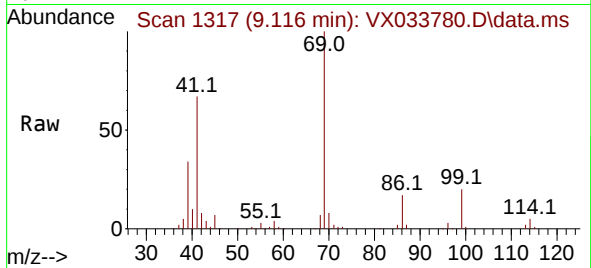
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.4	98.0
85	54.5	42.5	63.7
99	61.4	51.2	76.8





#51
Ethyl methacrylate
Concen: 20.759 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

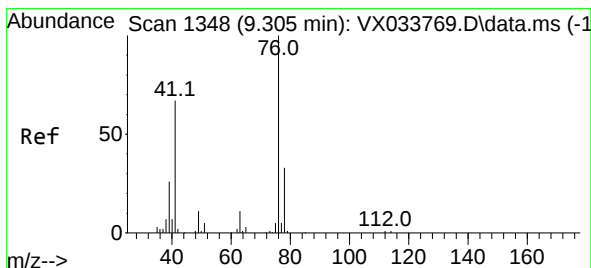
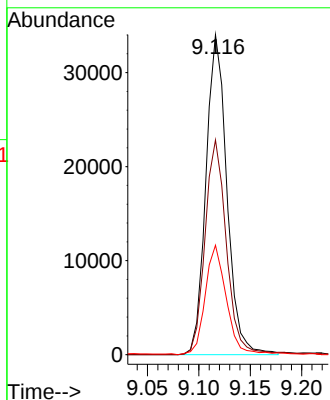
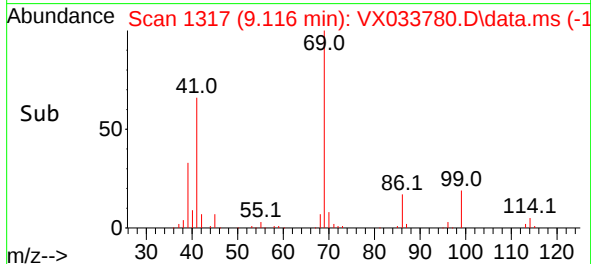
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



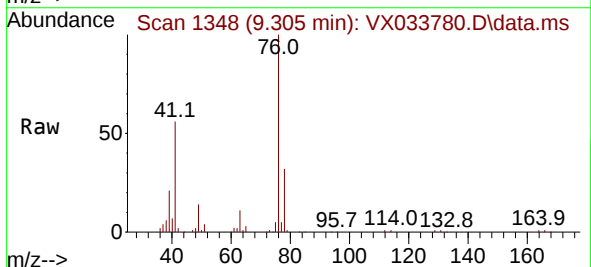
Tgt Ion: 69 Resp: 48459
Ion Ratio Lower Upper
69 100
41 67.1 35.8 107.3
39 34.2 20.2 60.6

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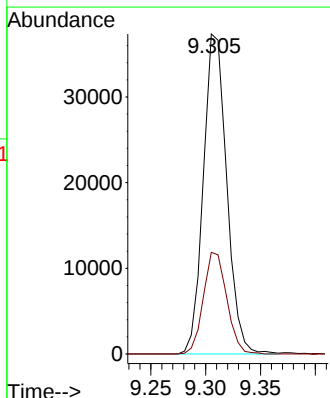
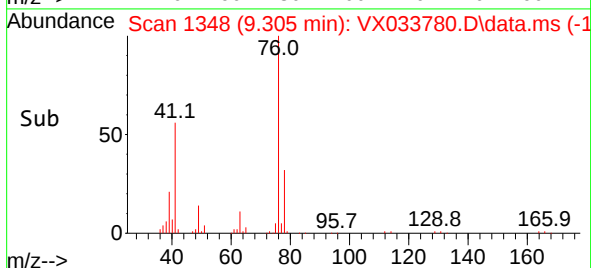
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

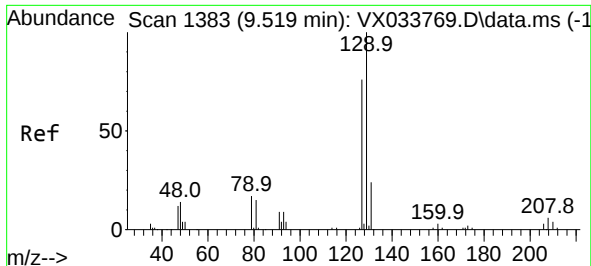


#52
1,3-Dichloropropane
Concen: 20.915 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



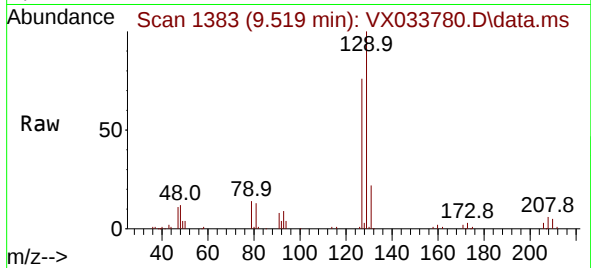
Tgt Ion: 76 Resp: 55536
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.6





#53
Dibromochloromethane
Concen: 20.310 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

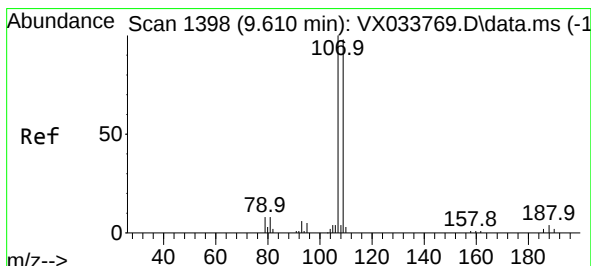
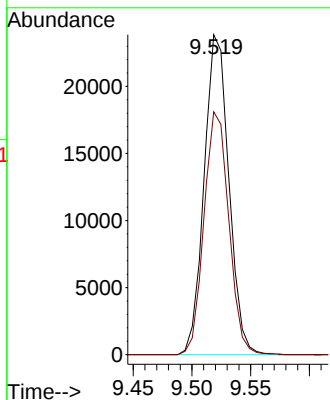
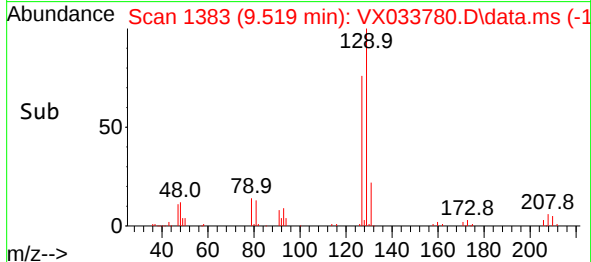
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion:129 Resp: 34950
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0

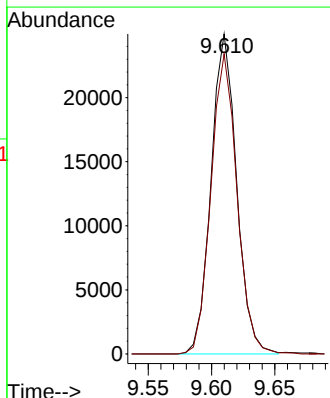
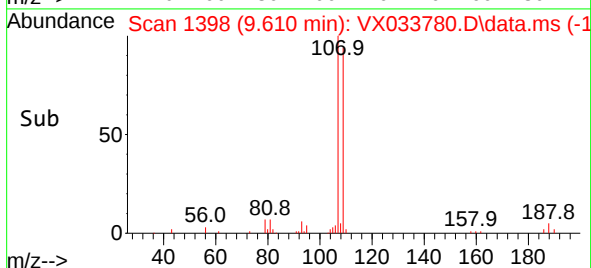
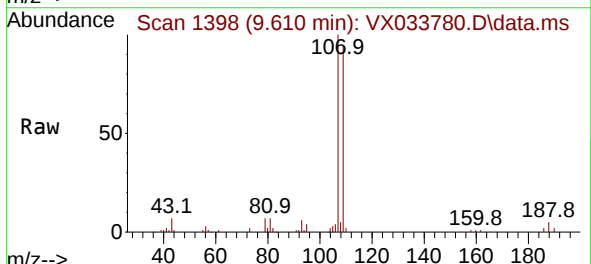
Manual Integrations
APPROVED

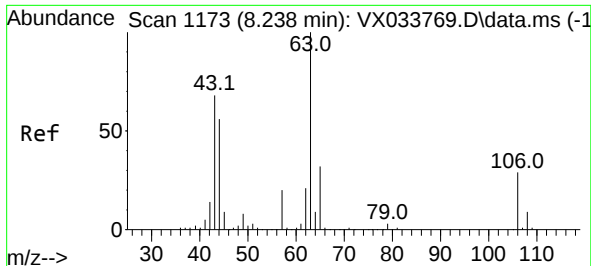
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
1,2-Dibromoethane
Concen: 20.589 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion:107 Resp: 35042
Ion Ratio Lower Upper
107 100
109 95.4 75.7 113.5





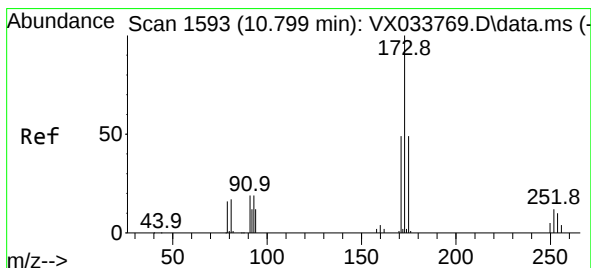
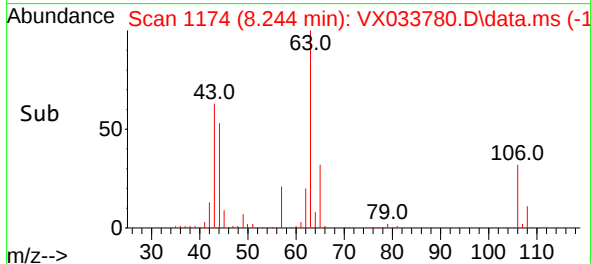
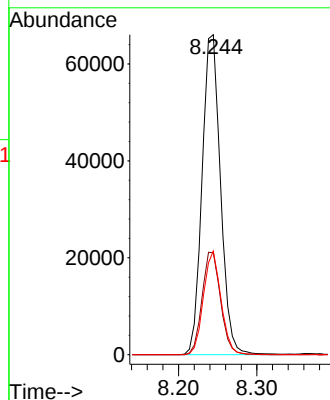
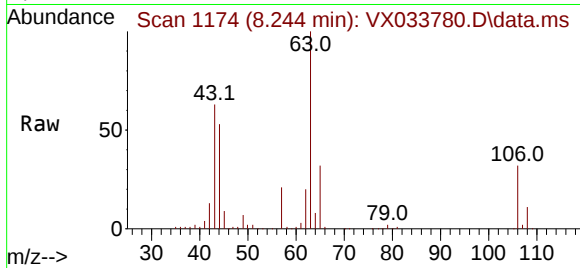
#55
2-Chloroethyl vinyl ether
Concen: 98.447 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 63 Resp: 107894
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2
106 30.8 23.9 35.9

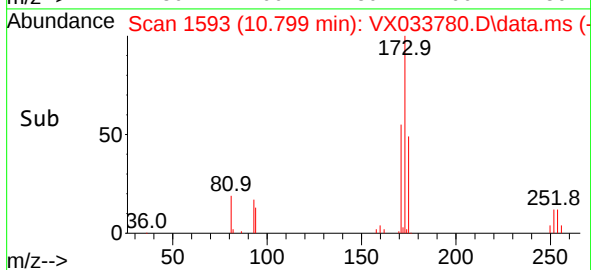
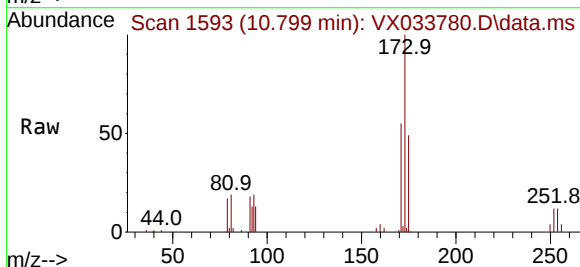
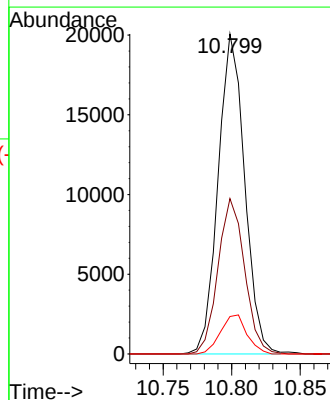
Manual Integrations
APPROVED

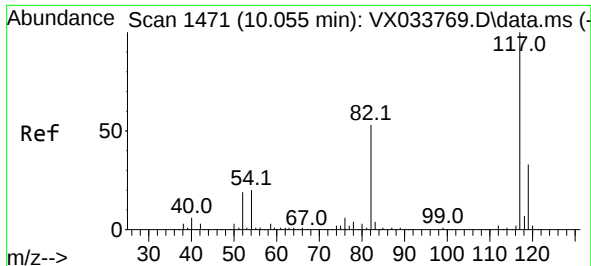
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#56
Bromoform
Concen: 20.181 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

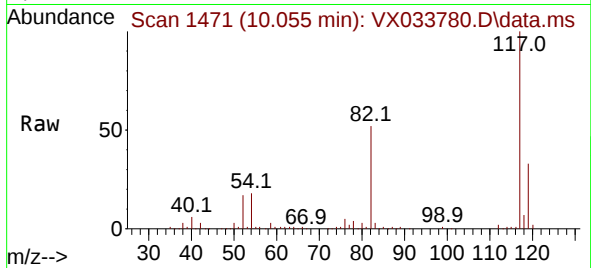
Tgt Ion:173 Resp: 26953
Ion Ratio Lower Upper
173 100
175 48.9 39.8 59.6
254 12.2 9.0 13.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

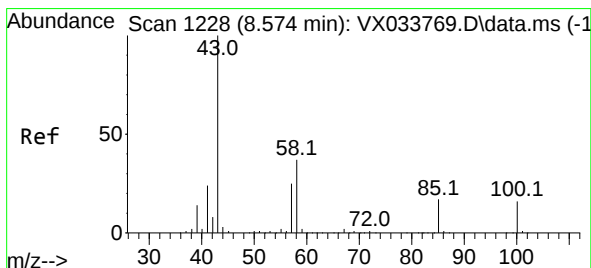
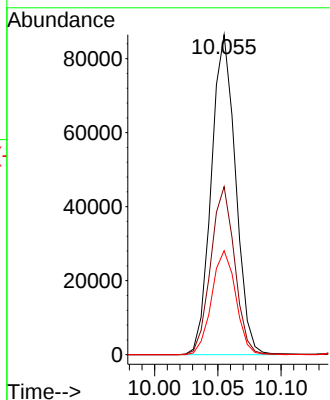
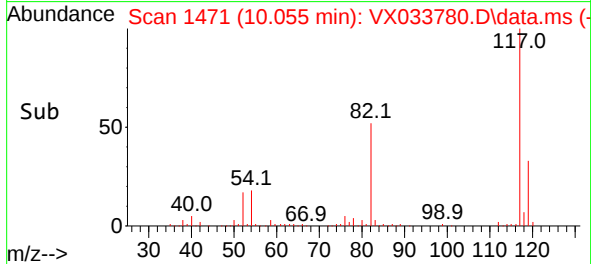
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 117 Resp: 115254
Ion Ratio Lower Upper
117 100
82 51.8 42.6 64.0
119 32.4 26.4 39.6

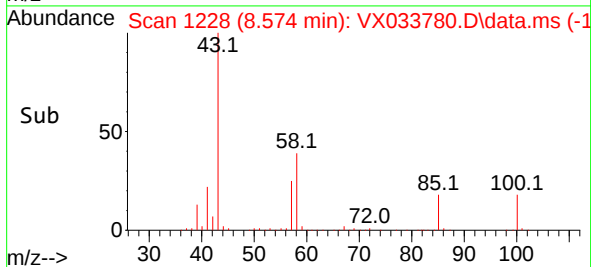
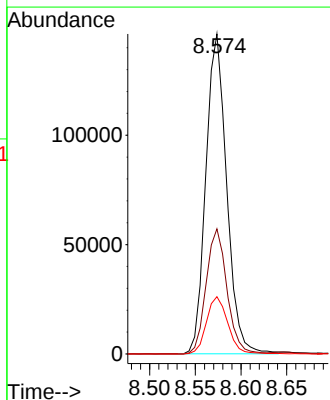
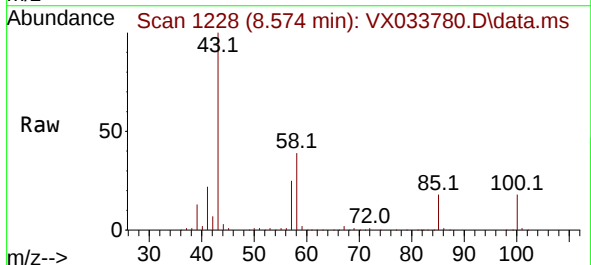
Manual Integrations
APPROVED

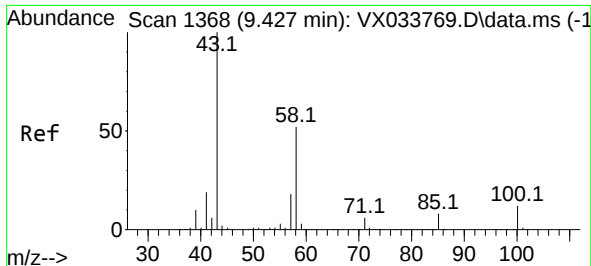
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#58
4-Methyl-2-Pentanone
Concen: 111.866 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

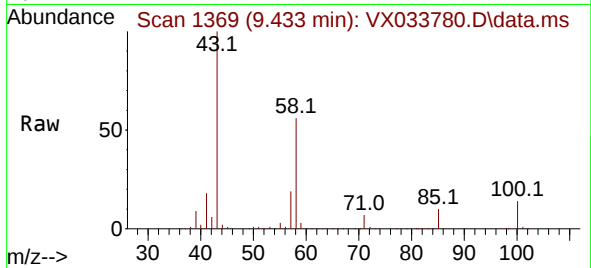
Tgt Ion: 43 Resp: 231748
Ion Ratio Lower Upper
43 100
58 39.2 29.8 44.6
85 18.3 13.7 20.5





#59
2-Hexanone
Concen: 112.215 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

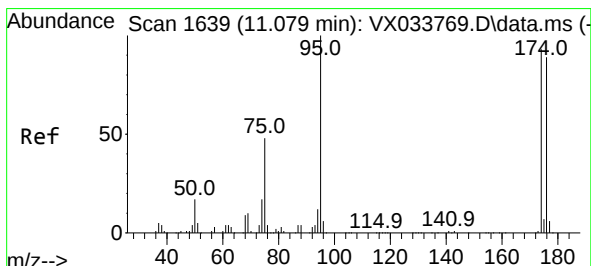
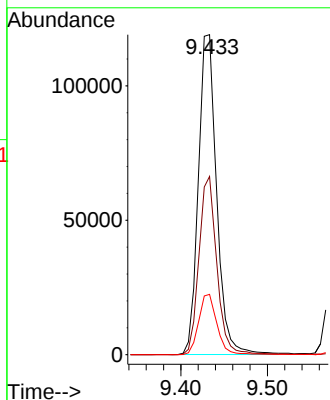
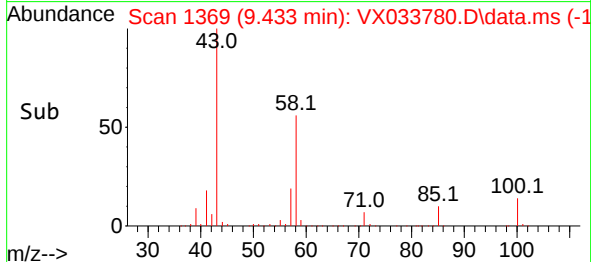
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 43 Resp: 174670
Ion Ratio Lower Upper
43 100
58 54.5 41.6 62.4
57 18.9 14.6 21.8

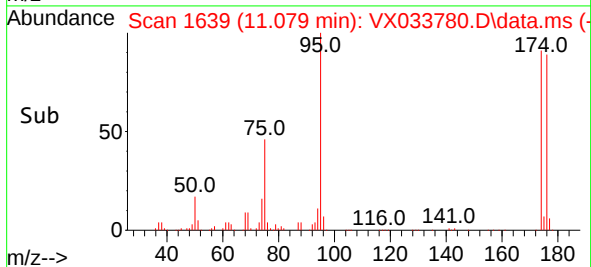
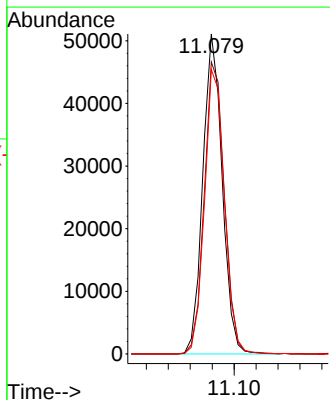
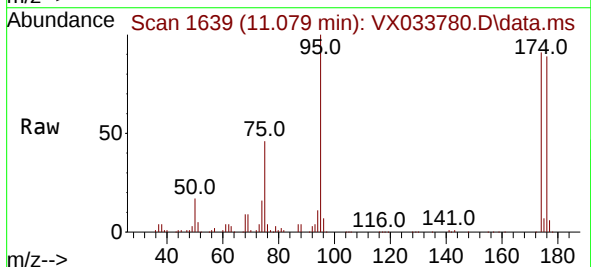
Manual Integrations
APPROVED

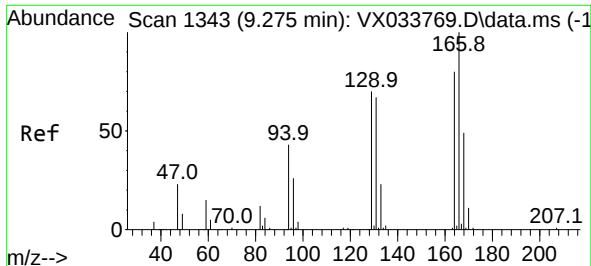
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
4-Bromofluorobenzene
Concen: 30.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

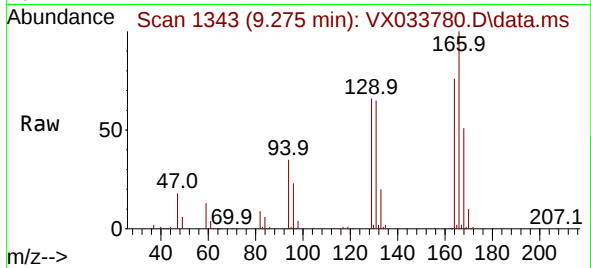
Tgt Ion: 95 Resp: 62664
Ion Ratio Lower Upper
95 100
174 94.7 74.6 111.8
176 91.3 72.2 108.2





#61
Tetrachloroethene
Concen: 21.218 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

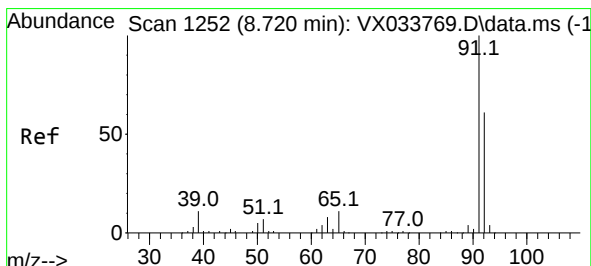
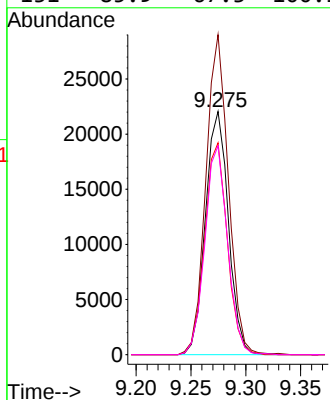
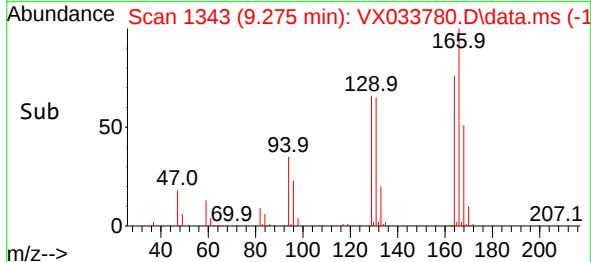
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion:164 Resp: 3220
Ion Ratio Lower Upper
164 100
166 131.6 100.6 151.0
129 87.1 69.9 104.9
131 85.9 67.3 100.9

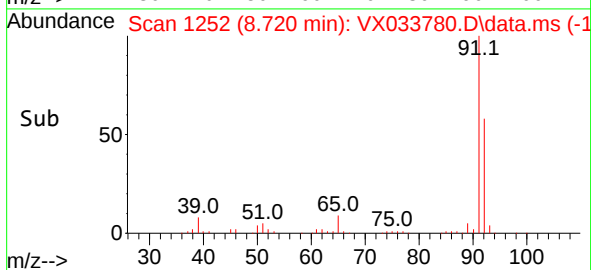
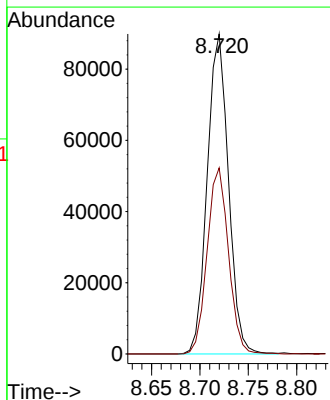
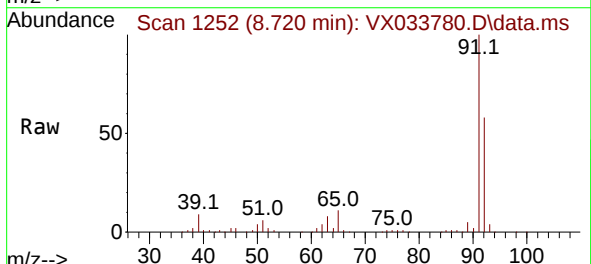
Manual Integrations
APPROVED

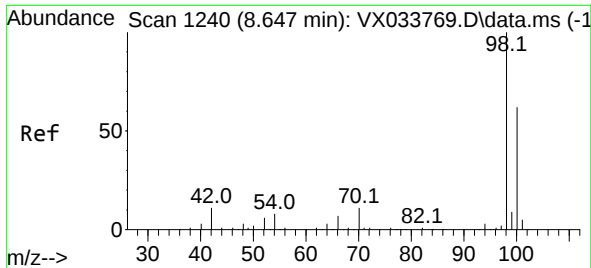
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 21.263 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

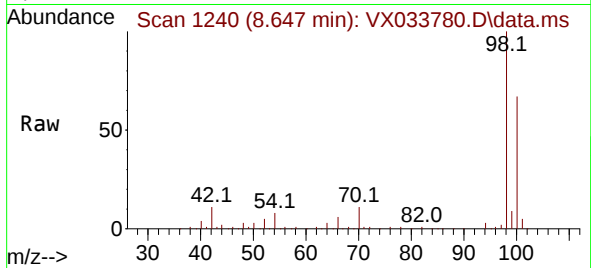
Tgt Ion: 91 Resp: 137083
Ion Ratio Lower Upper
91 100
92 58.6 47.5 71.3





#63
Toluene-d8
Concen: 30.333 ug/l
RT: 8.647 min Scan# 111540
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

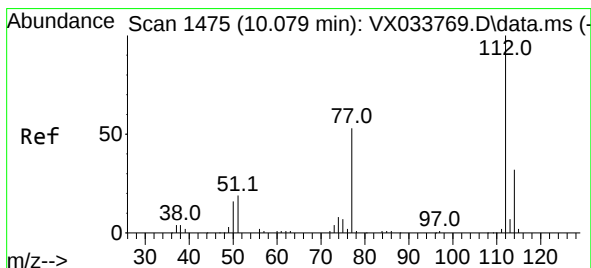
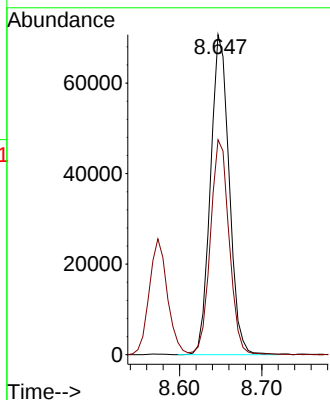
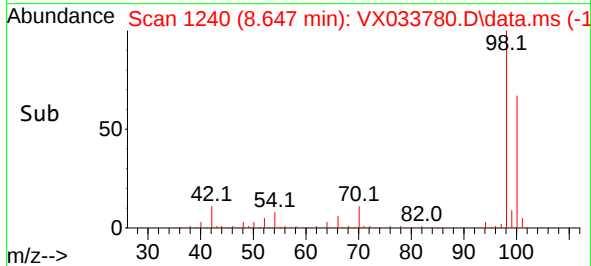
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 98 Resp: 111540
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

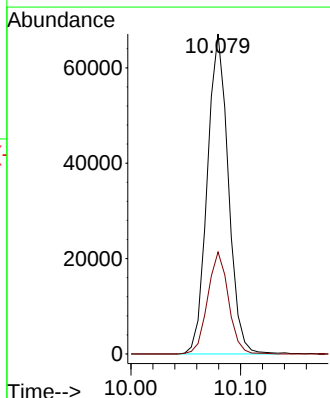
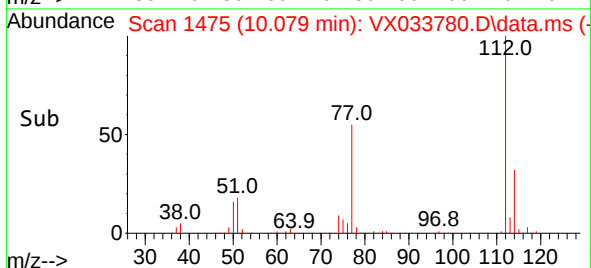
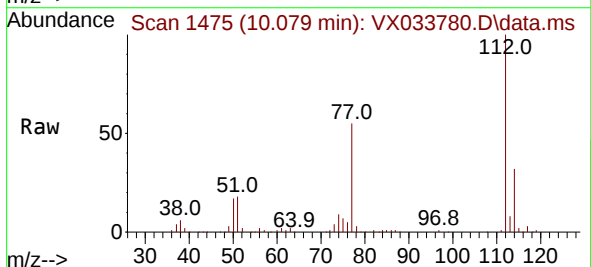
Manual Integrations
APPROVED

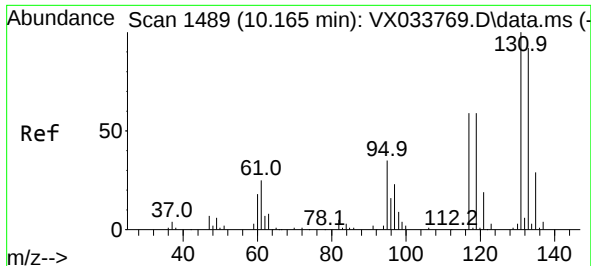
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#64
Chlorobenzene
Concen: 20.797 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

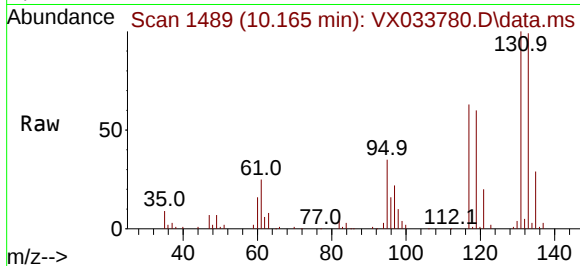
Tgt Ion:112 Resp: 89383
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 20.754 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

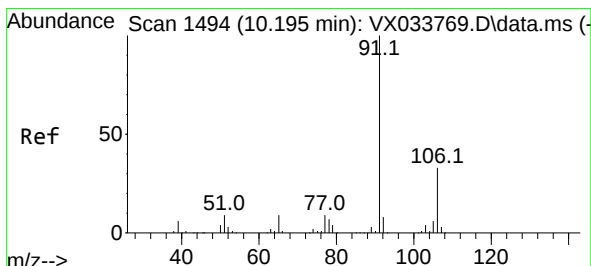
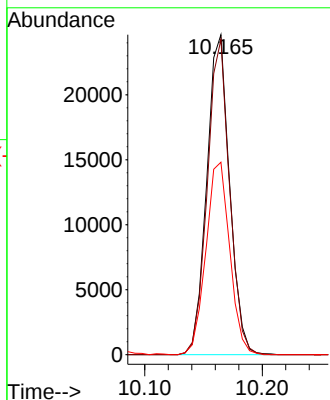
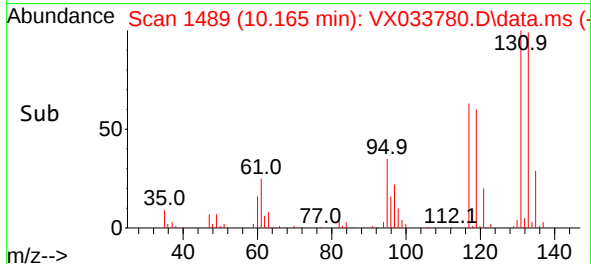
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion:131 Resp: 33214
Ion Ratio Lower Upper
131 100
133 96.1 0.0 188.8
119 62.9 0.0 123.4

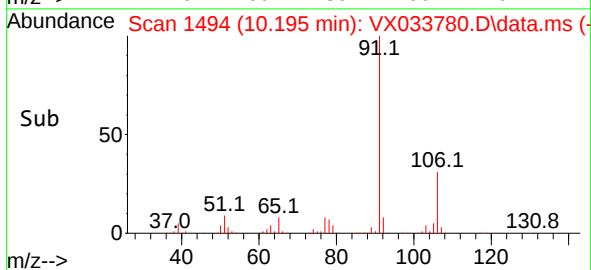
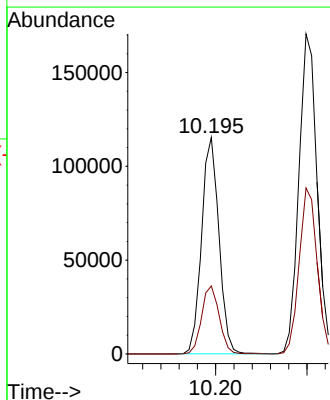
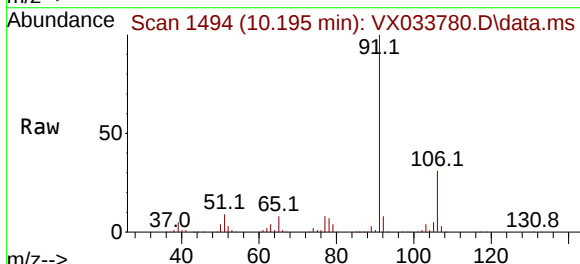
Manual Integrations
APPROVED

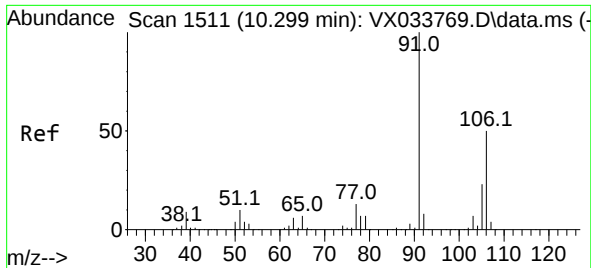
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
Ethyl Benzene
Concen: 20.630 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 91 Resp: 152208
Ion Ratio Lower Upper
91 100
106 31.4 26.7 40.1





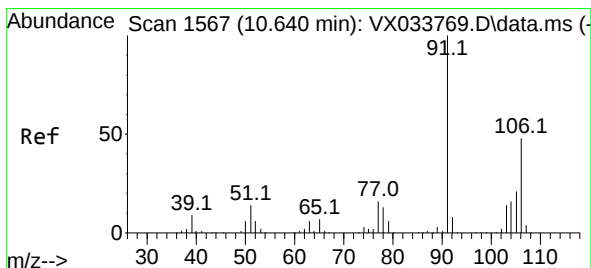
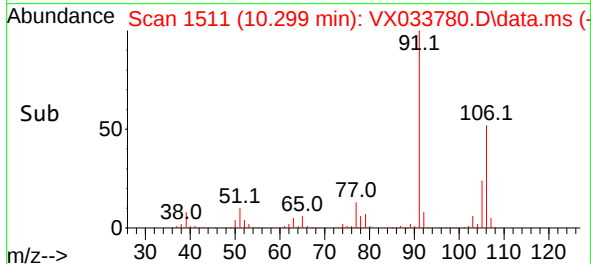
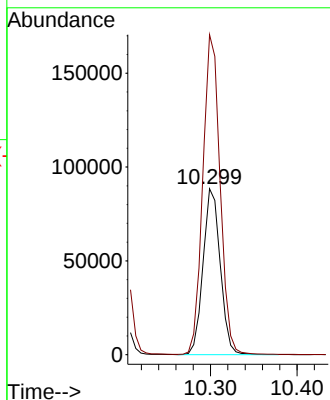
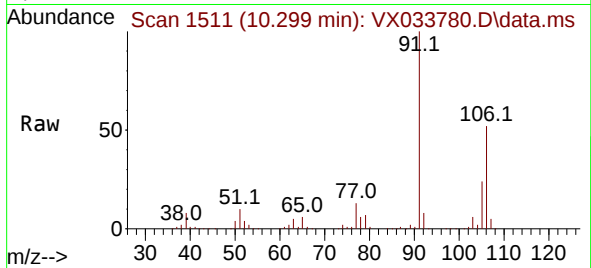
#67
m/p-Xylenes
Concen: 41.811 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion:106 Resp: 12182
Ion Ratio Lower Upper
106 100
91 193.6 159.7 239.5

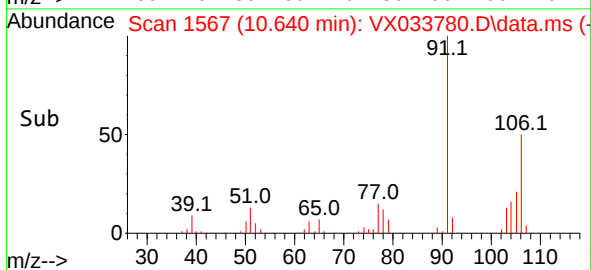
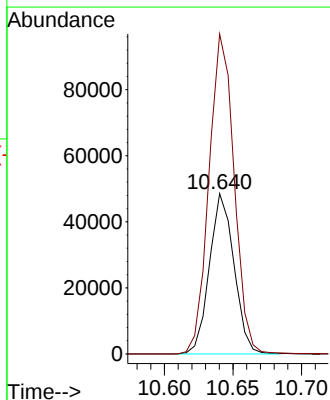
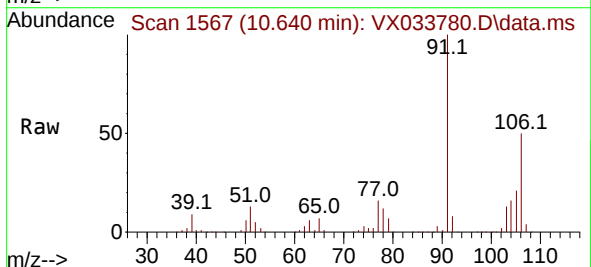
Manual Integrations
APPROVED

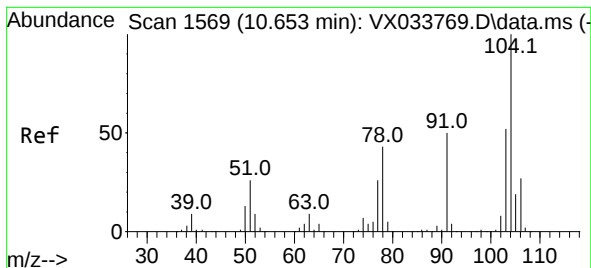
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 20.917 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion:106 Resp: 60437
Ion Ratio Lower Upper
106 100
91 204.3 102.8 308.5





#69

Styrene

Concen: 20.721 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

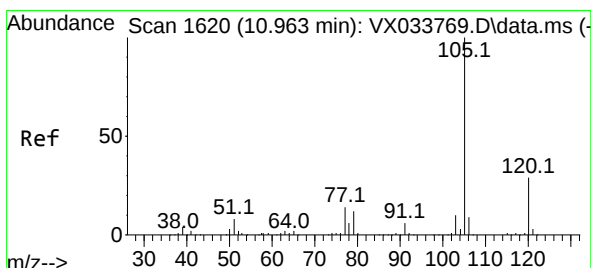
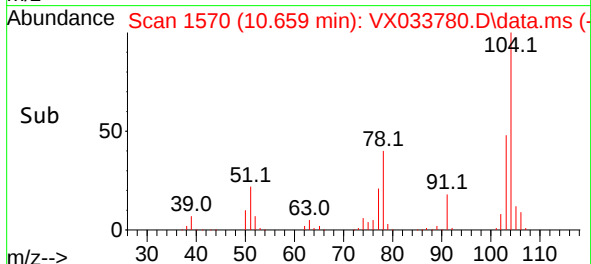
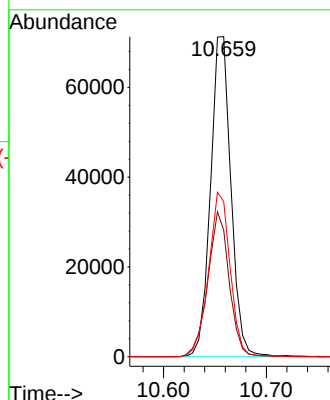
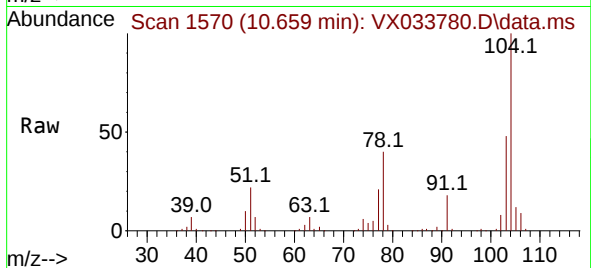
Tgt Ion:104 Resp: 9848
 Ion Ratio Lower Upper
 104 100
 78 47.3 37.6 56.4
 103 54.3 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#70

Isopropylbenzene

Concen: 20.889 ug/l

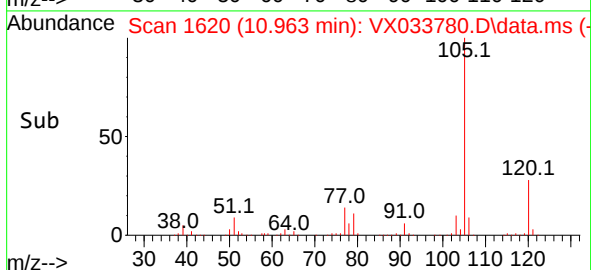
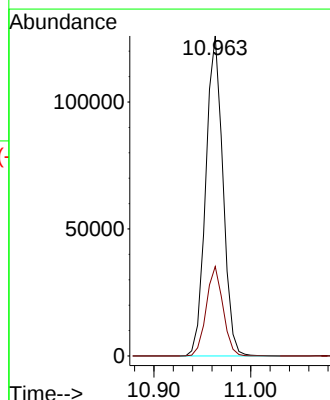
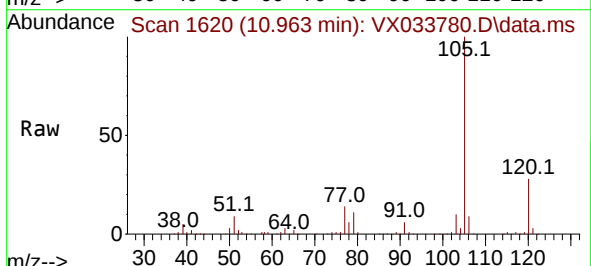
RT: 10.963 min Scan# 1620

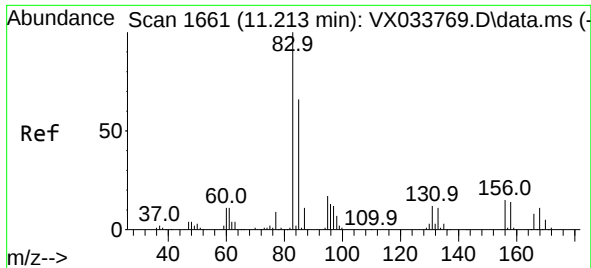
Delta R.T. -0.000 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

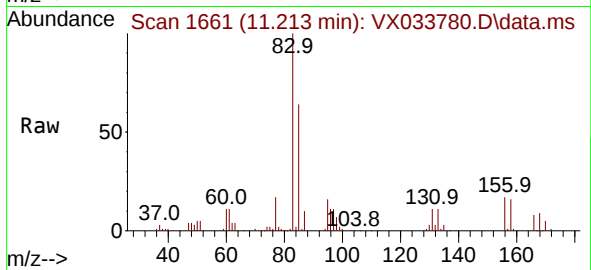
Tgt Ion:105 Resp: 155469
 Ion Ratio Lower Upper
 105 100
 120 27.1 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 22.476 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

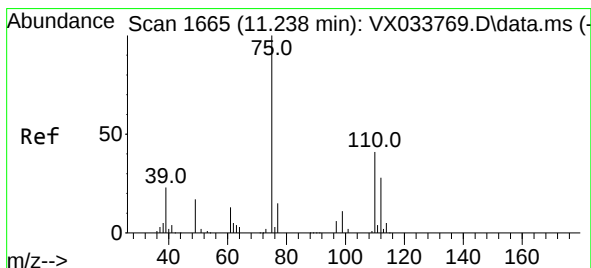
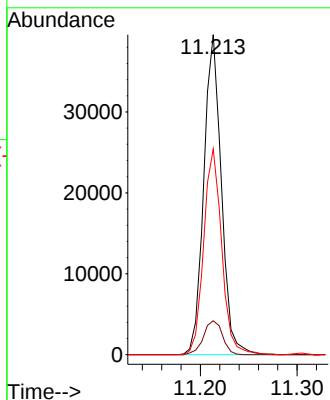
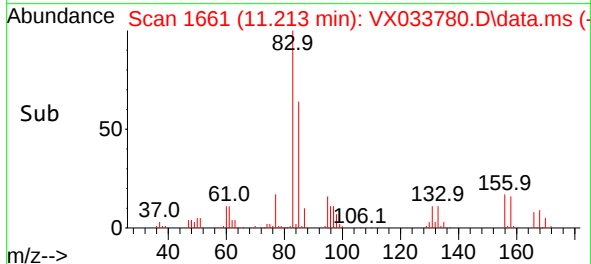
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 83 Resp: 50150
Ion Ratio Lower Upper
83 100
131 11.4 5.7 17.0
85 65.8 33.3 99.8

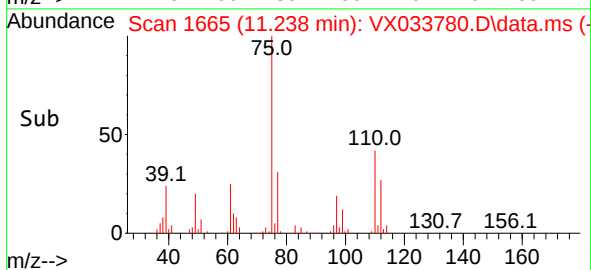
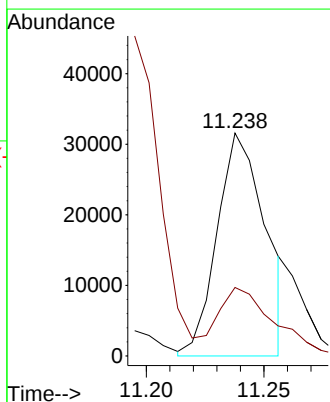
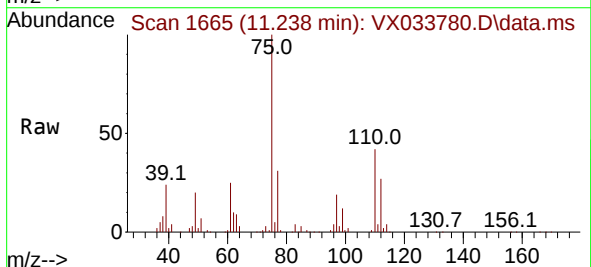
Manual Integrations
APPROVED

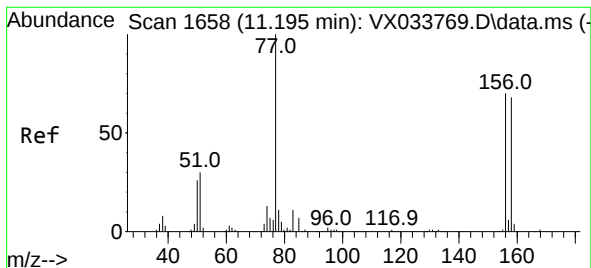
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#72
1,2,3-Trichloropropane
Concen: 22.148 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion: 75 Resp: 45032
Ion Ratio Lower Upper
75 100
77 36.6 0.0 75.6





#73

Bromobenzene

Concen: 20.971 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

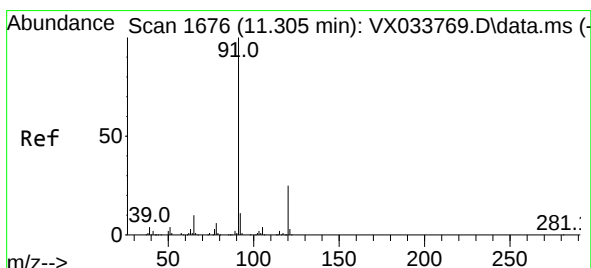
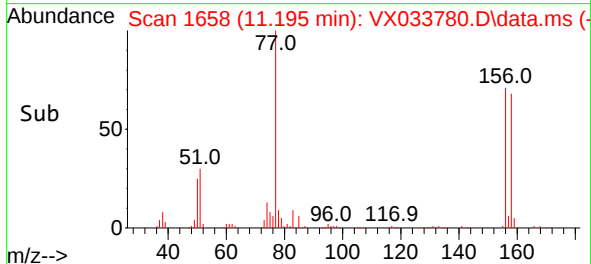
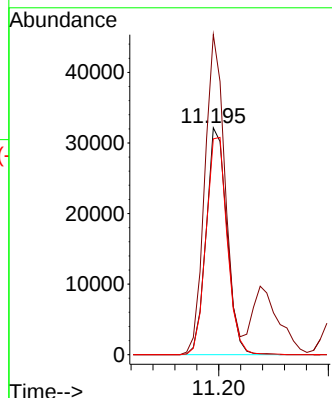
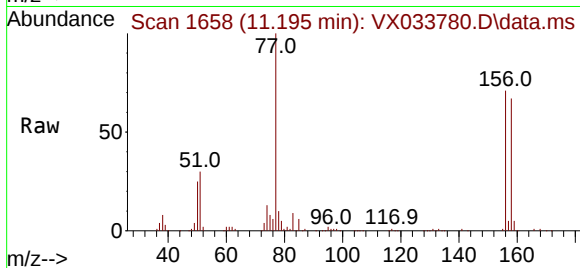
Tgt Ion:	156	Resp:	42268
Ion Ratio	Lower	Upper	
156	100		
77	137.3	0.0	269.4
158	98.0	0.0	192.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#74

n-propylbenzene

Concen: 20.557 ug/l

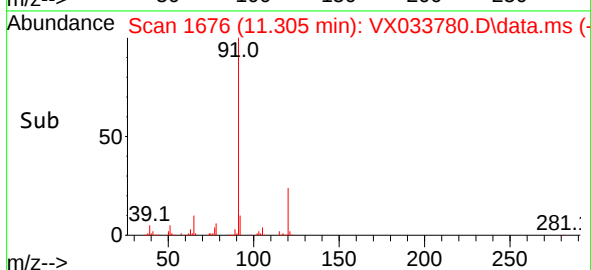
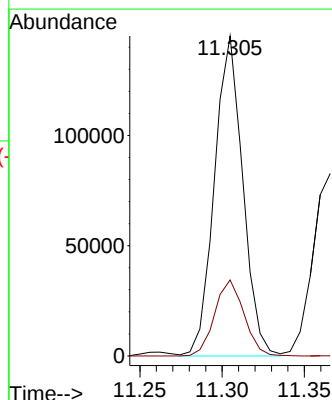
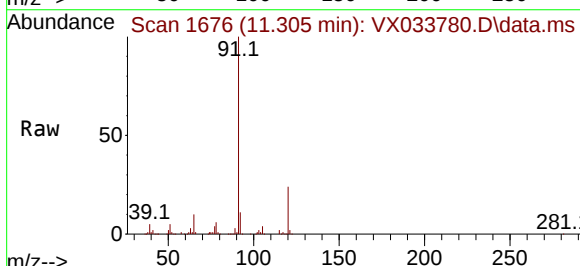
RT: 11.305 min Scan# 1676

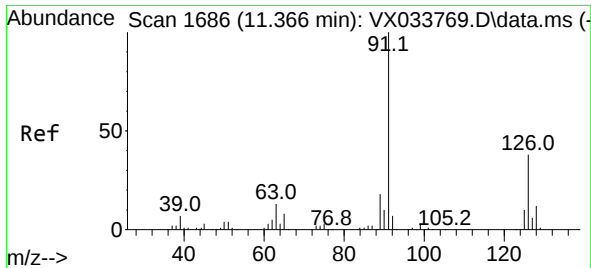
Delta R.T. -0.000 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Tgt Ion:	91	Resp:	173795
Ion Ratio	Lower	Upper	
91	100		
120	24.5	0.0	48.8





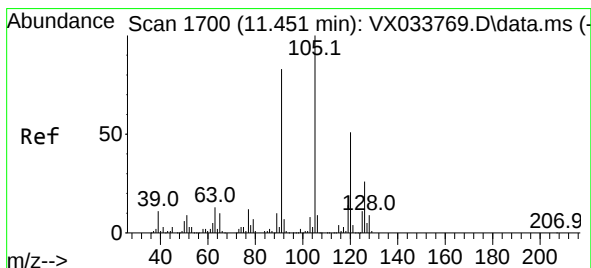
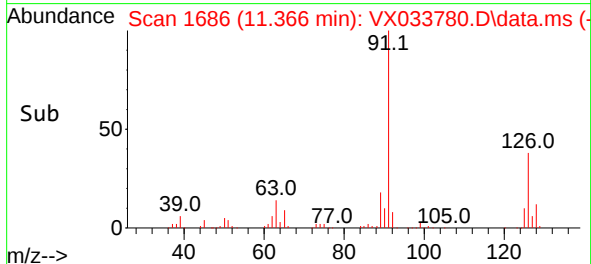
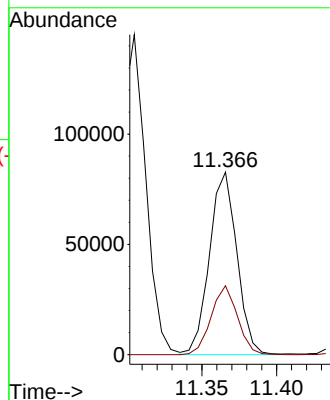
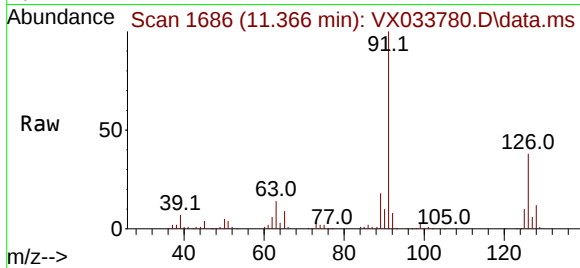
#75
2-Chlorotoluene
Concen: 21.004 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tgt Ion: 91 Resp: 105639
Ion Ratio Lower Upper
91 100
126 36.2 0.0 73.0

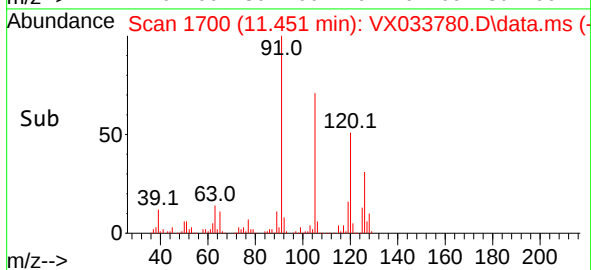
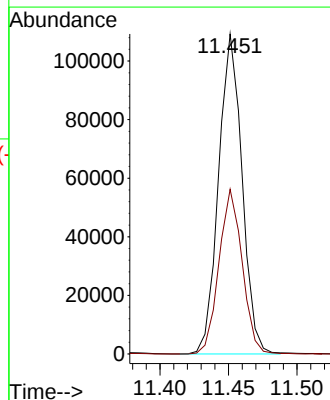
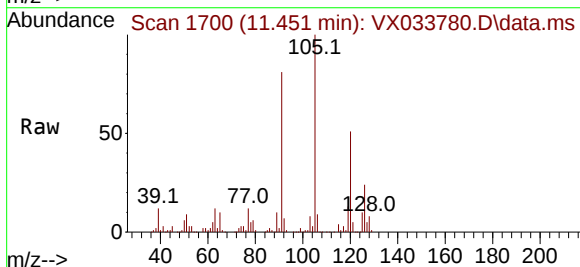
Manual Integrations
APPROVED

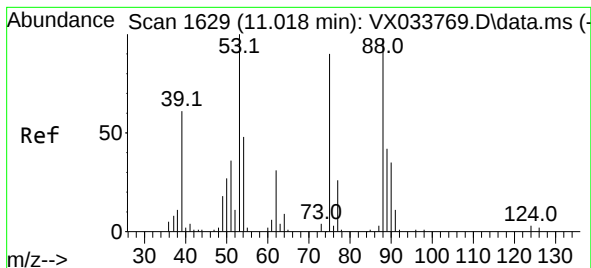
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.056 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

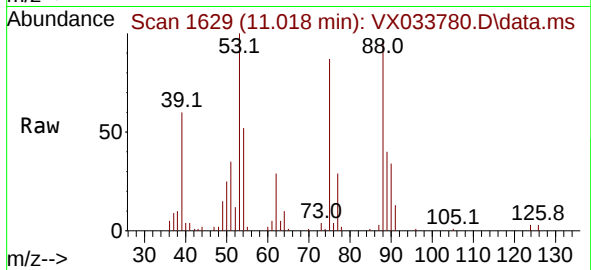
Tgt Ion:105 Resp: 129963
Ion Ratio Lower Upper
105 100
120 50.9 0.0 102.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.108 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

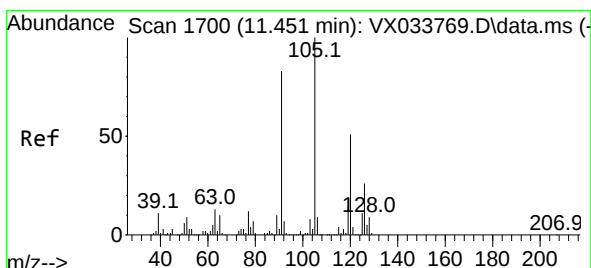
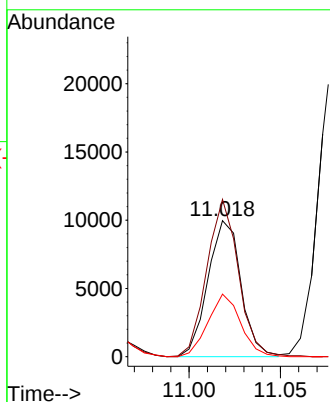
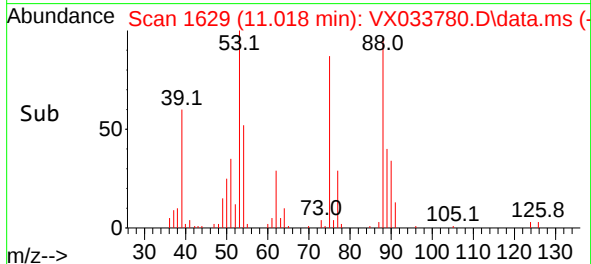
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 75 Resp: 12562
Ion Ratio Lower Upper
75 100
53 115.0 55.5 166.3
89 46.0 23.3 69.8

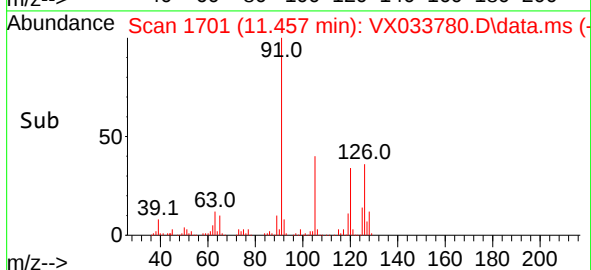
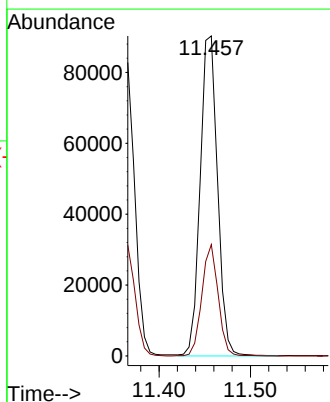
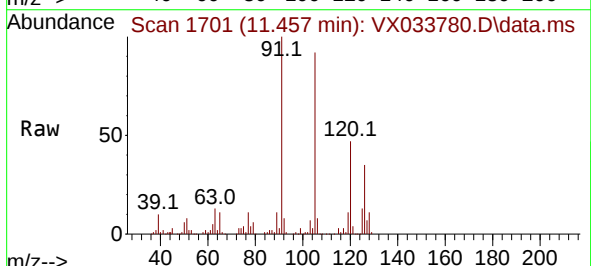
Manual Integrations
APPROVED

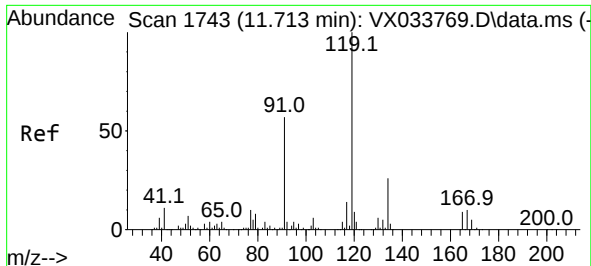
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 21.056 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

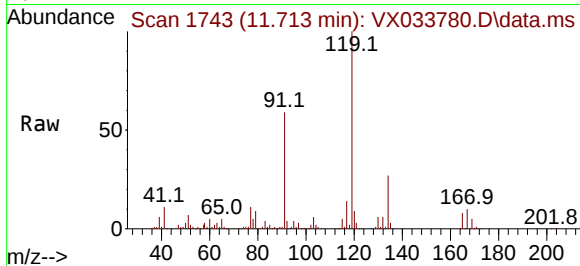
Tgt Ion: 91 Resp: 119131
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.2





#79
tert-butylbenzene
Concen: 21.089 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

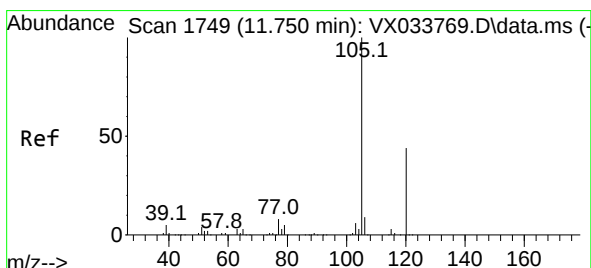
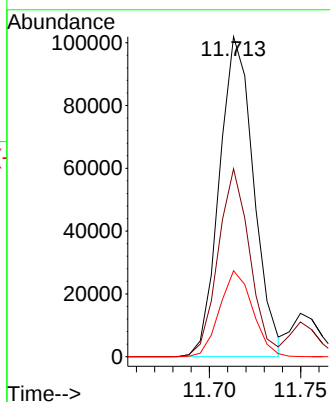
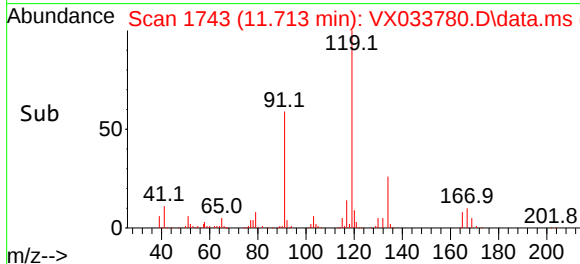
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



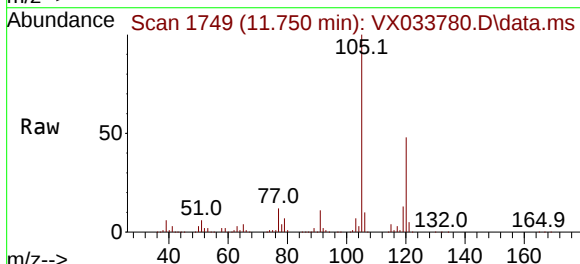
Tgt Ion:119 Resp: 133229
Ion Ratio Lower Upper
119 100
91 54.5 0.0 108.4
134 25.8 0.0 50.0

Manual Integrations
APPROVED

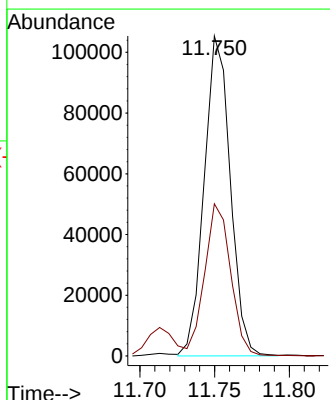
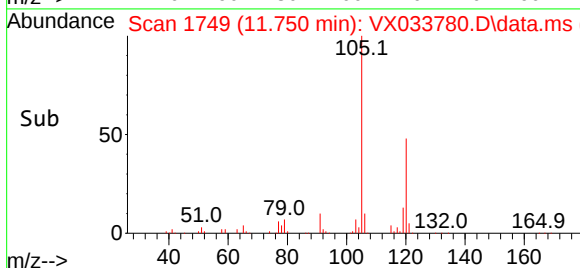
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

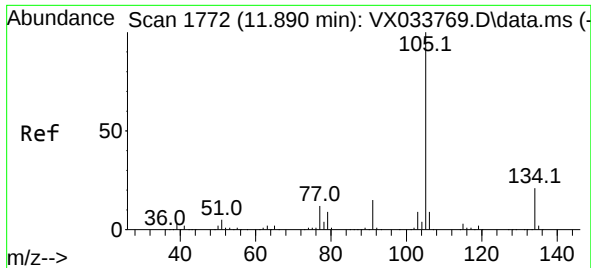


#80
1,2,4-Trimethylbenzene
Concen: 20.899 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



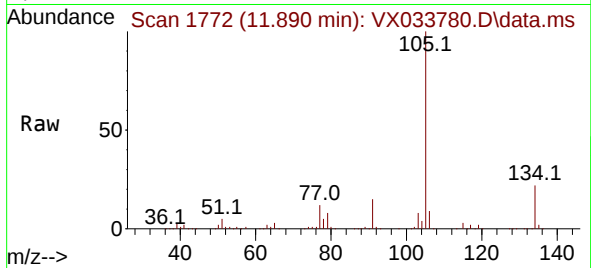
Tgt Ion:105 Resp: 127888
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.4





#81
 sec-Butylbenzene
 Concen: 20.571 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033780.D
 Acq: 18 Jan 2023 17:28

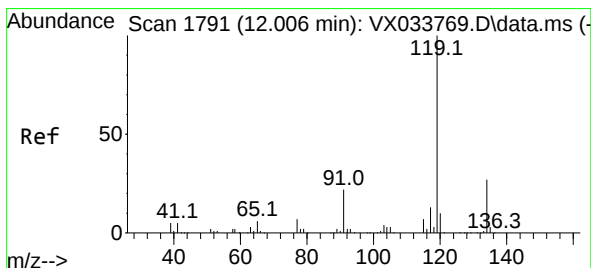
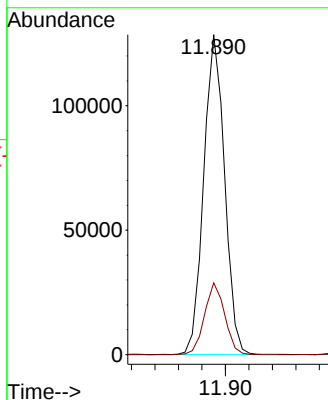
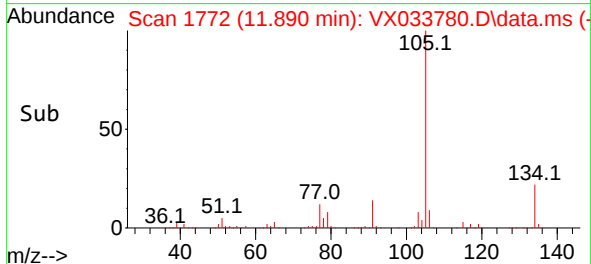
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01



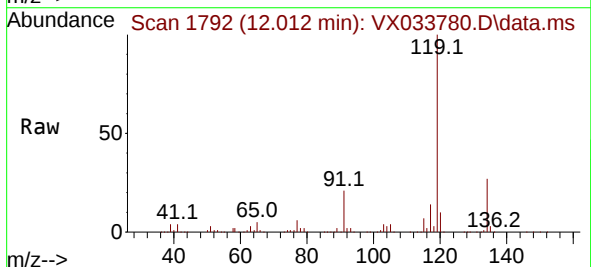
Tgt Ion:105 Resp: 15813
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.8

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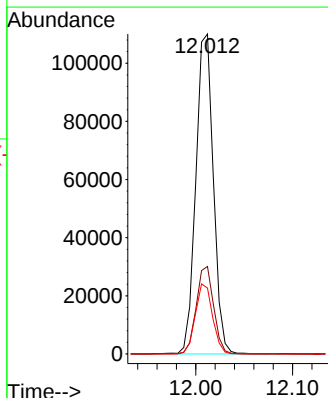
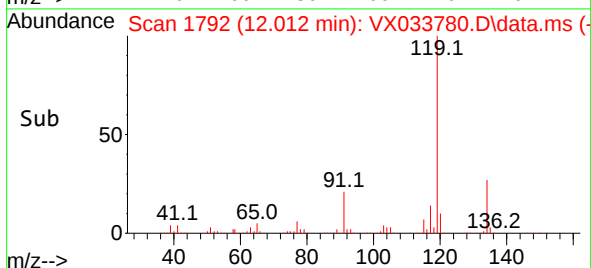
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

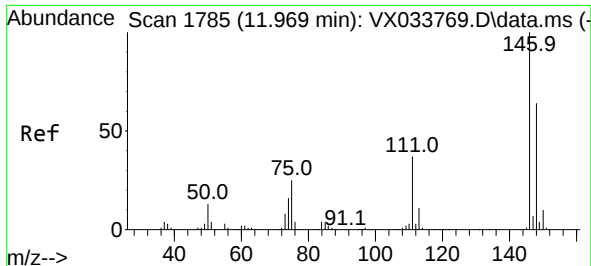


#82
 p-Isopropyltoluene
 Concen: 20.824 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033780.D
 Acq: 18 Jan 2023 17:28



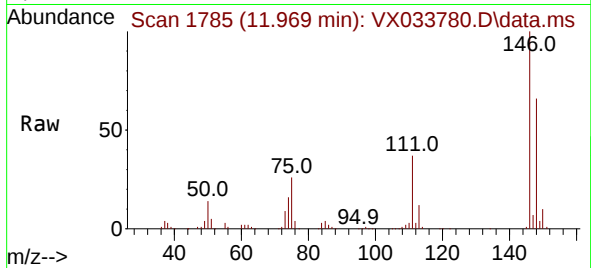
Tgt Ion:119 Resp: 138670
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.2
 91 21.5 0.0 41.8





#83
1,3-Dichlorobenzene
Concen: 20.877 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

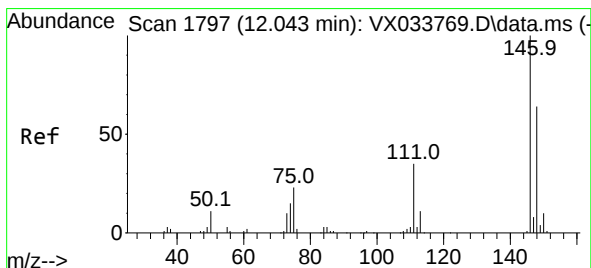
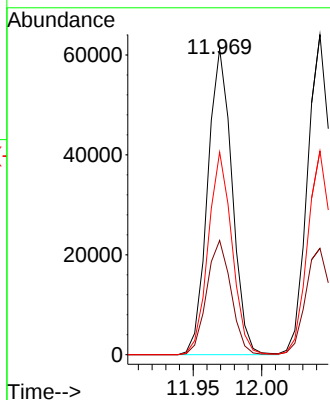
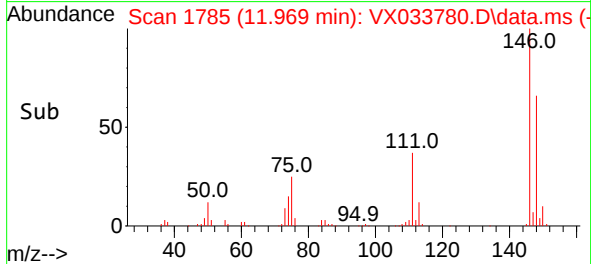
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



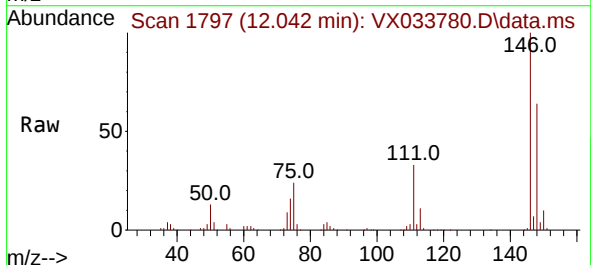
Tgt Ion:146 Resp: 76025
Ion Ratio Lower Upper
146 100
111 37.3 18.4 55.2
148 64.4 32.1 96.5

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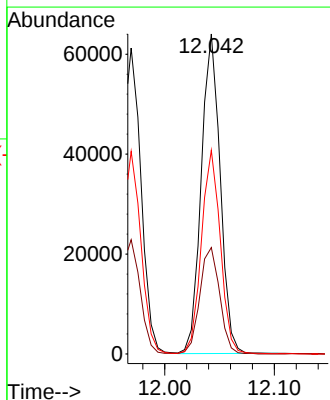
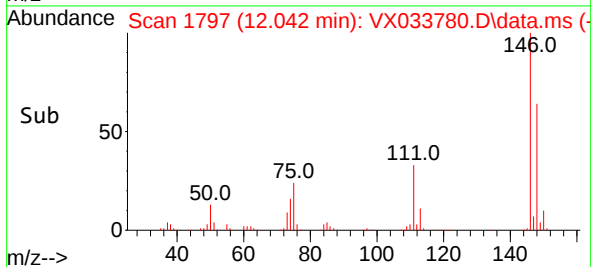
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

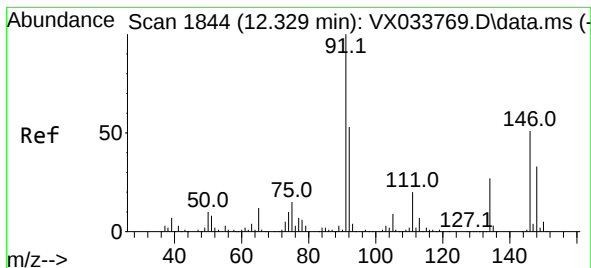


#84
1,4-Dichlorobenzene
Concen: 21.001 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



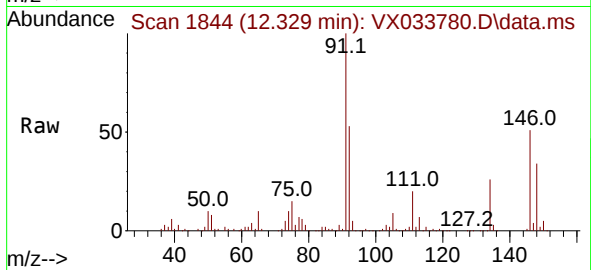
Tgt Ion:146 Resp: 76653
Ion Ratio Lower Upper
146 100
111 34.6 17.8 53.4
148 63.8 32.1 96.5





#85
n-Butylbenzene
Concen: 20.164 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

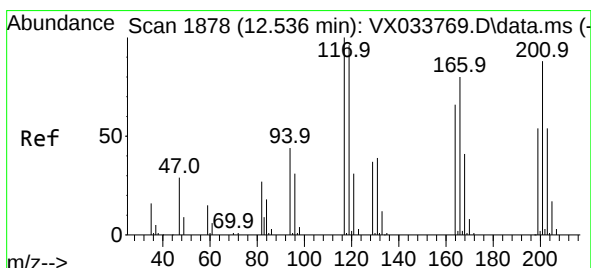
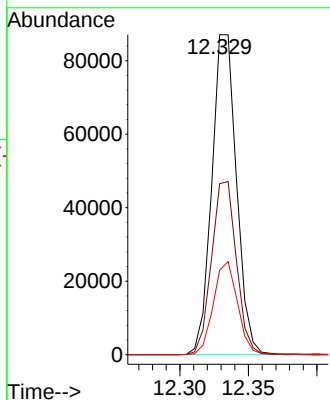
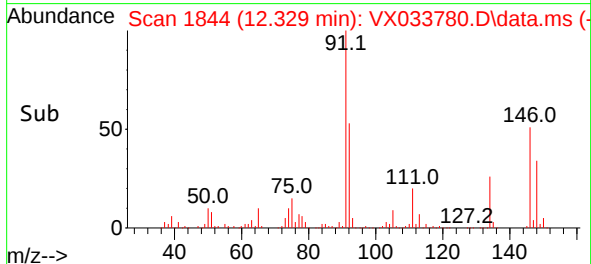
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion: 91 Resp: 10920
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.0
134 28.4 0.0 57.8

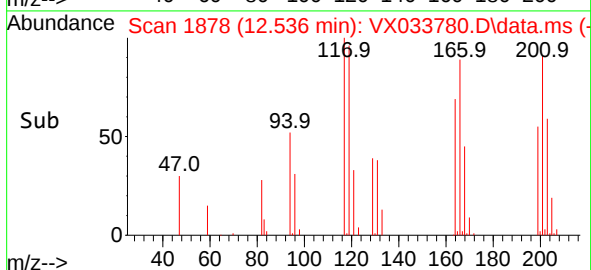
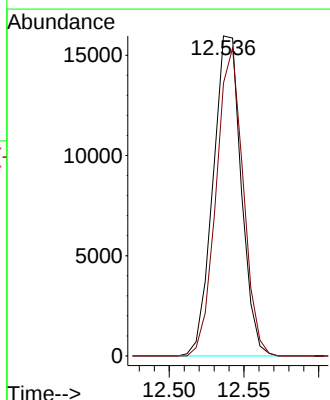
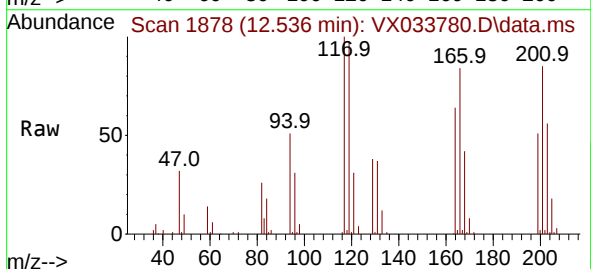
Manual Integrations
APPROVED

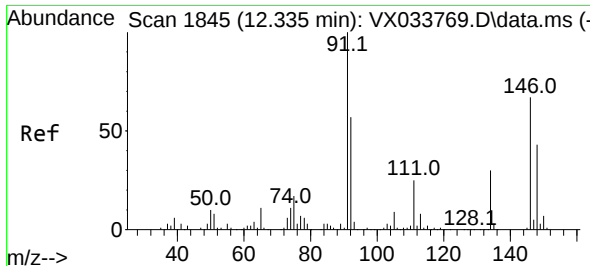
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 19.929 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

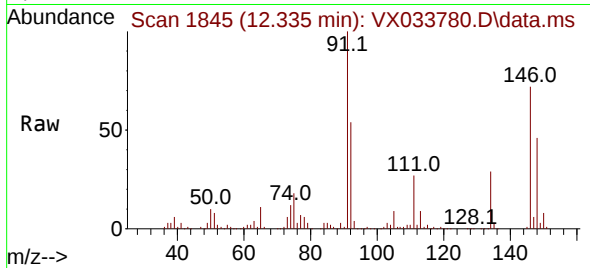
Tgt Ion:117 Resp: 20977
Ion Ratio Lower Upper
117 100
201 91.7 46.3 138.8





#87
1,2-Dichlorobenzene
Concen: 21.709 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

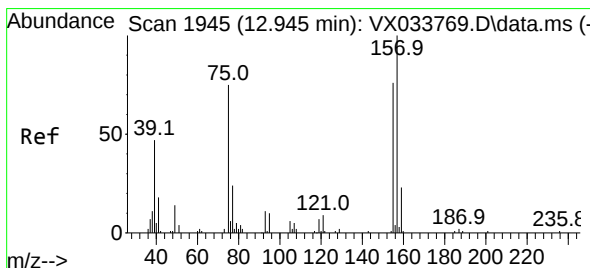
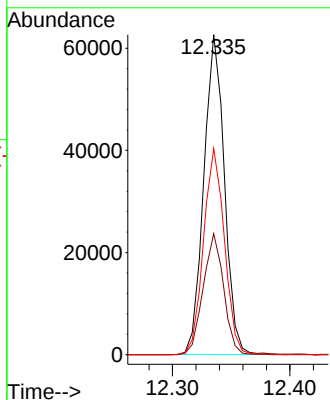
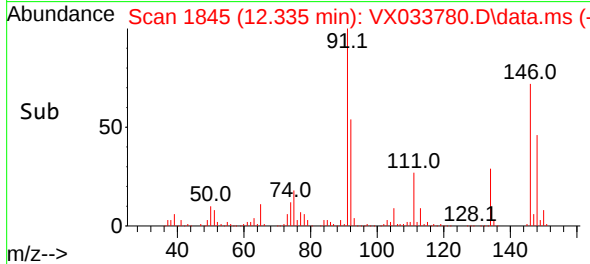
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



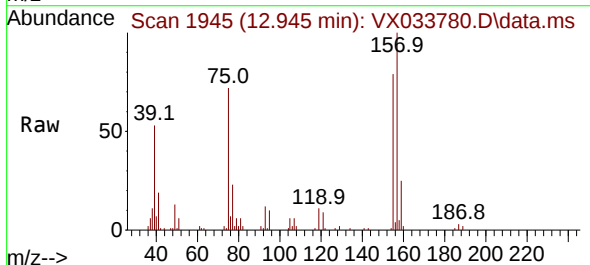
Tgt Ion:146 Resp: 7620
Ion Ratio Lower Upper
146 100
111 37.6 18.8 56.4
148 65.4 31.7 95.1

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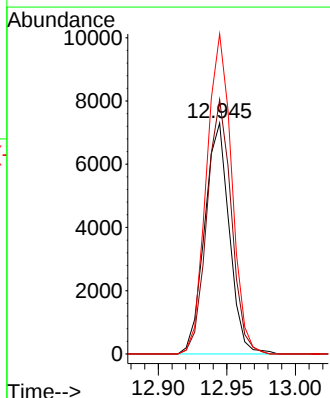
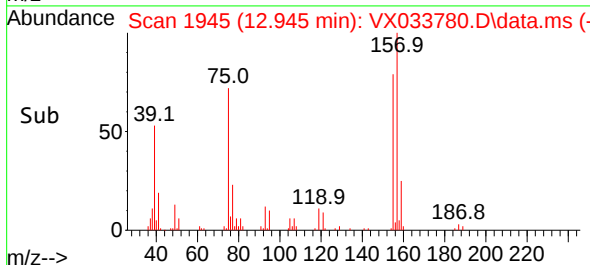
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

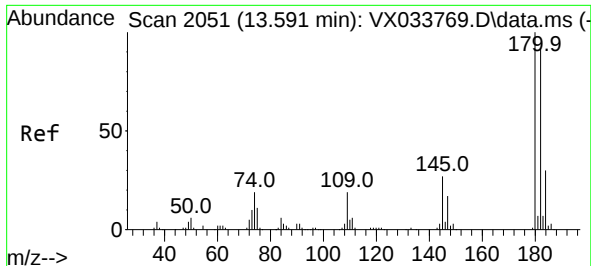


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.088 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28



Tgt Ion: 75 Resp: 9174
Ion Ratio Lower Upper
75 100
155 108.7 82.6 124.0
157 140.5 104.9 157.3





#89

1,2,4-Trichlorobenzene

Concen: 20.876 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

Tgt Ion:180 Resp: 5098

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

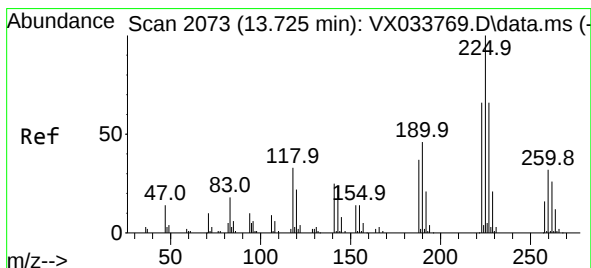
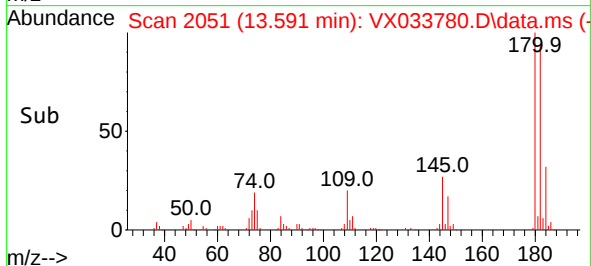
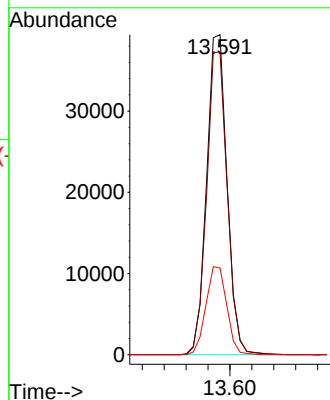
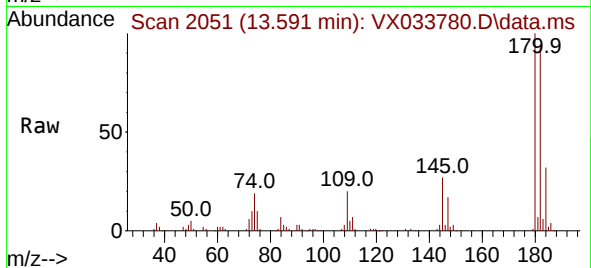
145 28.0 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#90

Hexachlorobutadiene

Concen: 20.133 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033780.D

Acq: 18 Jan 2023 17:28

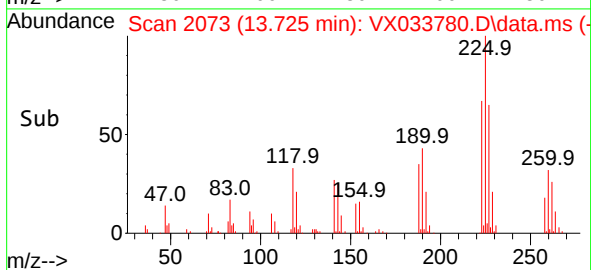
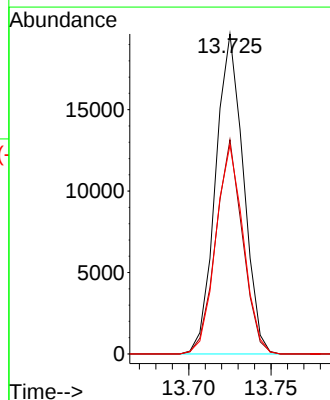
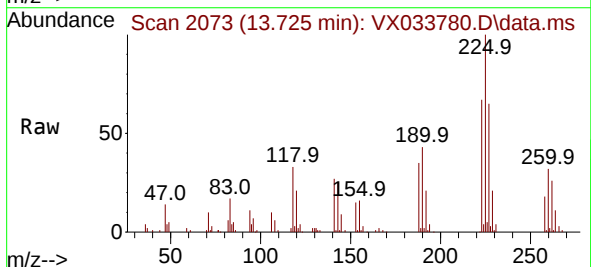
Tgt Ion:225 Resp: 23057

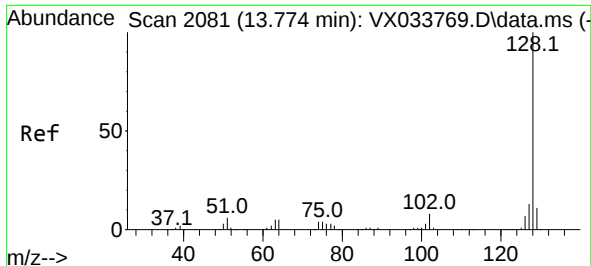
Ion Ratio Lower Upper

225 100

223 64.5 0.0 127.6

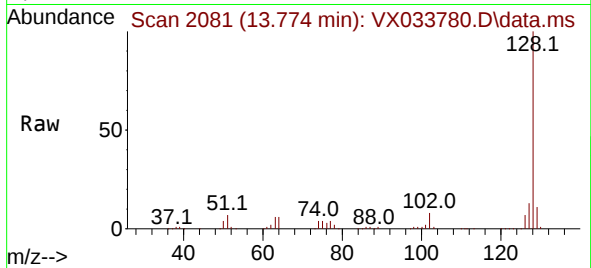
227 64.8 0.0 131.2





#91
Naphthalene
Concen: 21.769 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

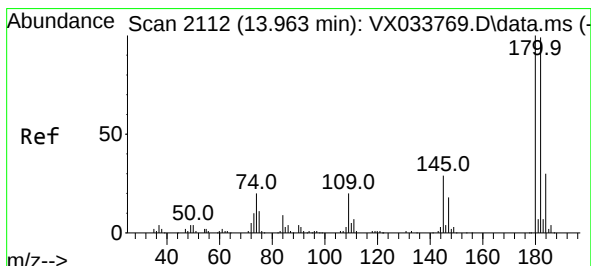
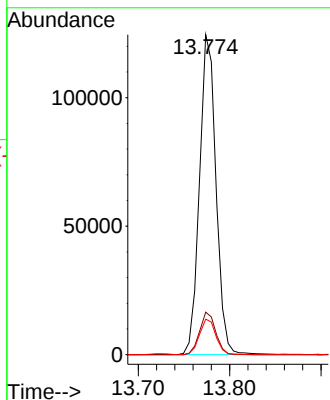
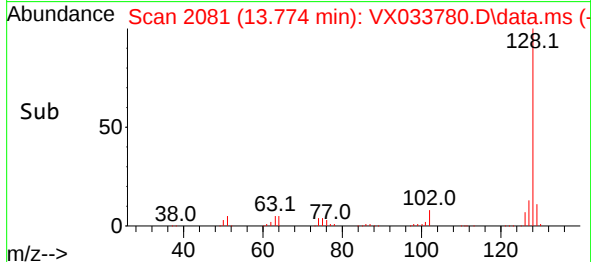
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01



Tgt Ion:128 Resp: 15585
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.0 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: 21.741 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033780.D
Acq: 18 Jan 2023 17:28

Tgt Ion:180 Resp: 52082
Ion Ratio Lower Upper
180 100
182 95.5 0.0 192.6
145 30.1 0.0 60.4

