

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033772.D
 Acq On : 18 Jan 2023 14:10
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 18 14:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 12:35:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.898	128	16725	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	113239	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	123281	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36768	27.150	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 90.500%#			
60) 4-Bromofluorobenzene	11.079	95	65228	29.356	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.867%			
63) Toluene-d8	8.647	98	118369	30.001	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	229191	131.030	ug/l	98
3) Chloromethane	1.295	50	251600	134.192	ug/l	99
4) Vinyl Chloride	1.374	62	252390	149.028	ug/l	98
5) Bromomethane	1.618	94	164956	175.847	ug/l	100
6) Chloroethane	1.691	64	124753	125.778	ug/l	96
7) Trichlorofluoromethane	1.886	101	358731	137.259	ug/l	97
8) Diethyl Ether	2.130	74	145279	170.726	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	227580	167.931	ug/l	96
10) 1,1-Dichloroethene	2.319	96	224905	176.027	ug/l	94
11) Methyl Iodide	2.453	142	345828	157.452	ug/l	93
12) Methyl Acetate	2.703	43	382824	143.119	ug/l	96
13) Acrolein	2.239	56	235704	817.253	ug/l	99
14) Acrylonitrile	3.069	53	619068	701.813	ug/l	99
15) Acetone	2.392	58	185341	928.443	ug/l	83
16) Carbon Disulfide	2.514	76	560412	150.734	ug/l	99
17) Allyl chloride	2.666	41	399164	146.855	ug/l	86
18) Methylene Chloride	2.788	84	241591	135.020	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	235602	137.252	ug/l	91
20) Diisopropyl ether	3.757	45	763483	130.142	ug/l	93
21) 1,1-Dichloroethane	3.611	63	420123	130.586	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	277072	135.731	ug/l	95
23) tert-Butyl Alcohol	3.002	59	215809m	619.396	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	744428	136.444	ug/l	97
25) Chloroform	5.093	83	422239	129.303	ug/l	98
26) Cyclohexane	5.471	56	378029	126.600	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	322543	131.772	ug/l	97
30) 2-Butanone	4.562	43	860744	673.374	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	322951	153.243	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	377368	132.053	ug/l	98
33) Carbon Tetrachloride	5.678	117	343364	133.119	ug/l	97
34) Benzene	6.038	78	953831	134.136	ug/l	99
35) Methacrylonitrile	4.922	41	196047	134.599	ug/l	96
36) 1,2-Dichloroethane	6.086	62	325981	126.105	ug/l	96
37) Trichloroethene	7.129	130	285642	139.285	ug/l	94
38) Methylcyclohexane	7.379	83	405650	133.277	ug/l	98
39) 1,2-Dichloropropane	7.428	63	245120	134.880	ug/l	96
40) Dibromomethane	7.580	93	170257	133.310	ug/l	95
41) Bromodichloromethane	7.824	83	336981	136.034	ug/l	100
42) Vinyl Acetate	3.721	43	3020606	661.258	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	340741	130.093	ug/l	97
44) Isopropyl Acetate	6.336	43	560133	136.311	ug/l	97
45) 1,4-Dioxane	7.732	88	107795	2404.488	ug/l #	1
46) Methyl methacrylate	7.690	41	281036	135.079	ug/l	96
47) n-amyl Acetate	10.848	43	469577	134.218	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	374132	147.809	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	405622	144.284	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	249072	134.350	ug/l	98
51) Ethyl methacrylate	9.116	69	387587	140.200	ug/l	98
52) 1,3-Dichloropropane	9.311	76	411312	132.463	ug/l	99
53) Dibromochloromethane	9.525	129	290742	143.885	ug/l	97
54) 1,2-Dibromoethane	9.610	107	271314	136.937	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	874097	654.040	ug/l	98
56) Bromoform	10.799	173	232313	149.741	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1611534	658.063	ug/l	96
59) 2-Hexanone	9.433	43	1196238	663.733	ug/l	97
61) Tetrachloroethene	9.275	164	250263	140.698	ug/l	99
62) Toluene	8.720	91	1040026	134.017	ug/l	97
64) Chlorobenzene	10.080	112	683922	136.832	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	265123	140.935	ug/l	97
66) Ethyl Benzene	10.195	91	1175136	135.786	ug/l	97
67) m/p-Xylenes	10.305	106	928023	271.693	ug/l	97
68) o-Xylene	10.640	106	452920	134.907	ug/l	97
69) Styrene	10.653	104	760665	136.895	ug/l	98
70) Isopropylbenzene	10.964	105	1163734	133.845	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	350434	133.857	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	319780m	134.834	ug/l	
73) Bromobenzene	11.201	156	321030	139.516	ug/l	96
74) n-propylbenzene	11.305	91	1334908	135.229	ug/l	99
75) 2-Chlorotoluene	11.366	91	785845	133.095	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	967424	134.016	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	118032	166.350	ug/l	80
78) 4-Chlorotoluene	11.457	91	894744	135.132	ug/l	99
79) tert-butylbenzene	11.713	119	992534	134.064	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	960282	134.653	ug/l	97
81) sec-Butylbenzene	11.890	105	1225242	136.776	ug/l	99
82) p-Isopropyltoluene	12.012	119	1065536	137.911	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	587404	139.838	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	590408	140.975	ug/l	99
85) n-Butylbenzene	12.335	91	889124	141.547	ug/l	97
86) Hexachloroethane	12.536	117	184286	146.614	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	557895	137.874	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	76890	141.467	ug/l	87
89) 1,2,4-Trichlorobenzene	13.585	180	418296	150.306	ug/l	99
90) Hexachlorobutadiene	13.725	225	191812	143.745	ug/l	98
91) Naphthalene	13.774	128	1212590	148.384	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	414221	148.345	ug/l	100

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

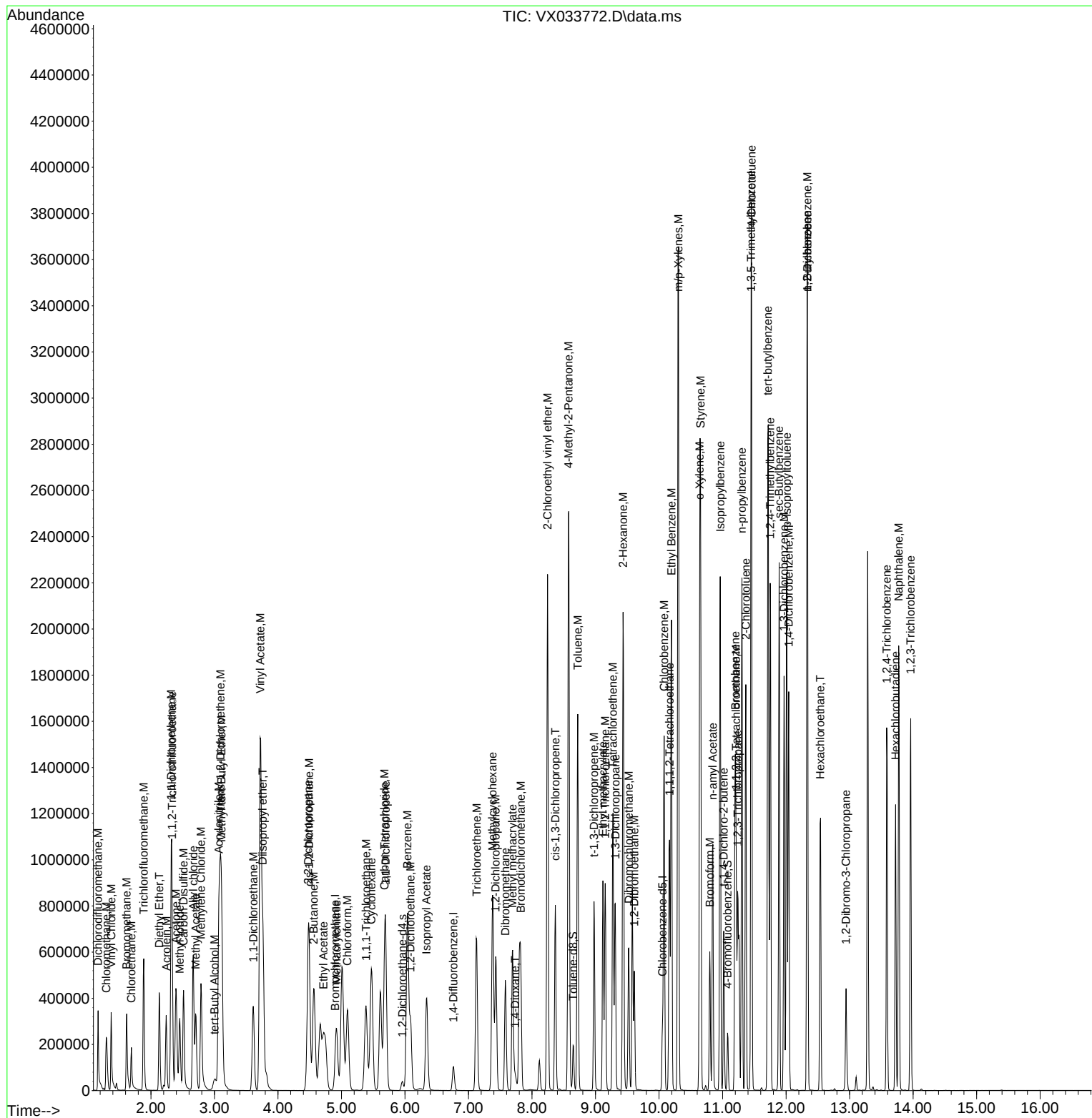
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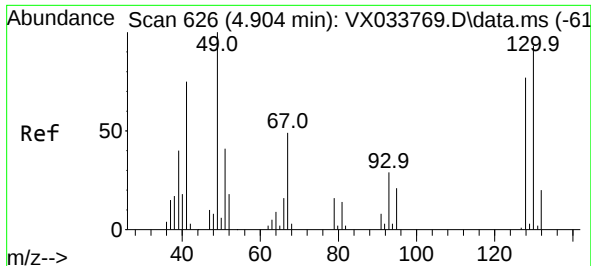
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MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/19/2023
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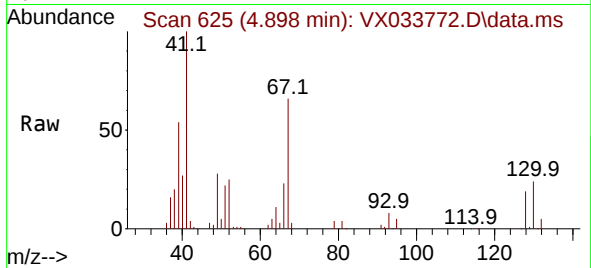
Quant Time: Jan 18 14:36:52 2023
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 18 12:35:47 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

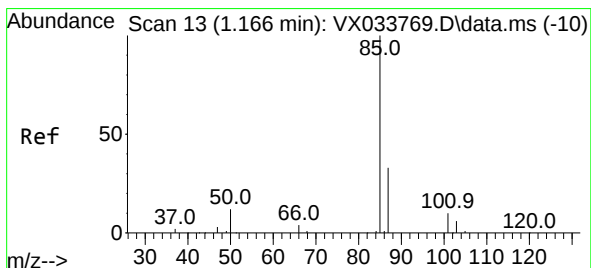
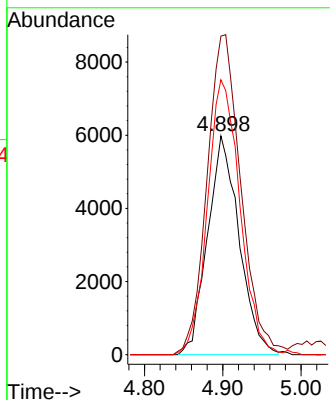
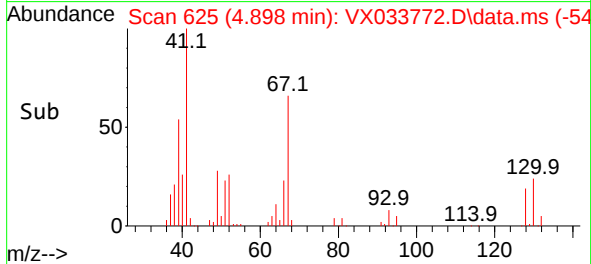
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 16725
Ion Ratio Lower Upper
128 100
49 157.6 0.0 398.5
130 129.8 0.0 329.0

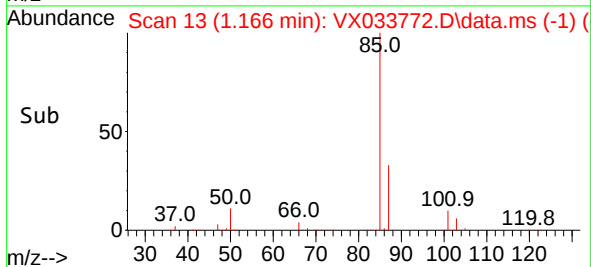
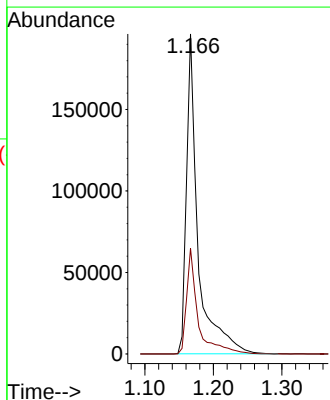
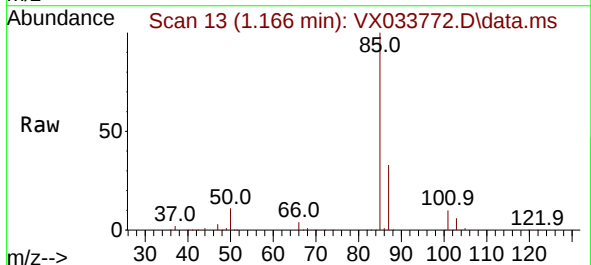
Manual Integrations
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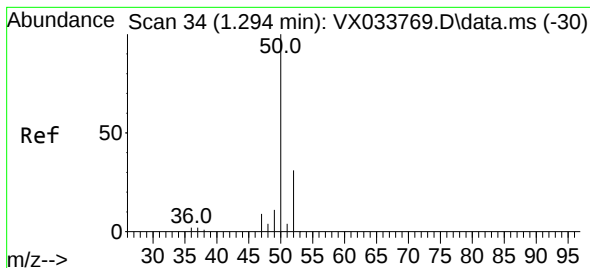
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#2
Dichlorodifluoromethane
Concen: 131.030 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 85 Resp: 229191
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0





#3

Chloromethane

Concen: 134.192 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 50 Resp: 251600

Ion Ratio Lower Upper

50 100

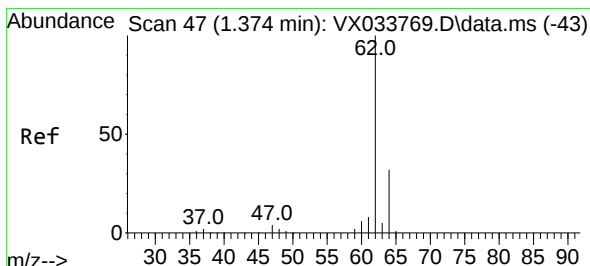
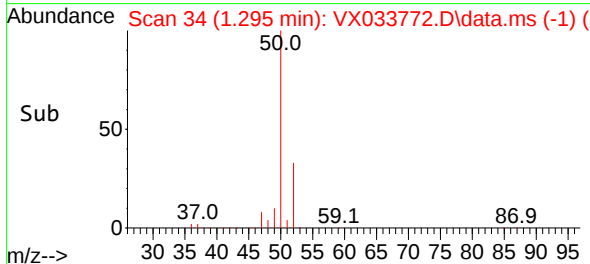
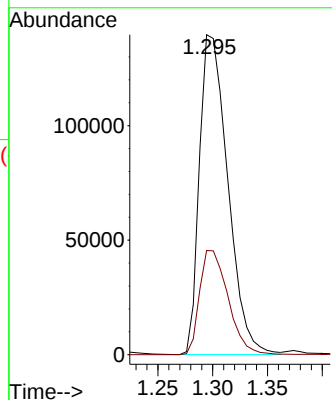
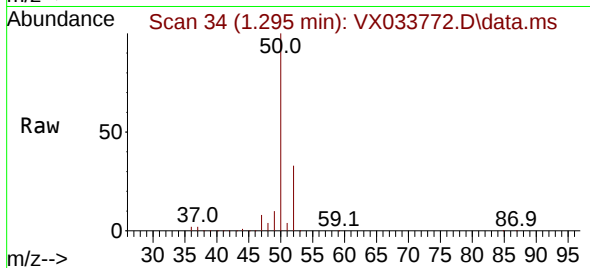
52 32.6 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 01/19/2023



#4

Vinyl Chloride

Concen: 149.028 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX033772.D

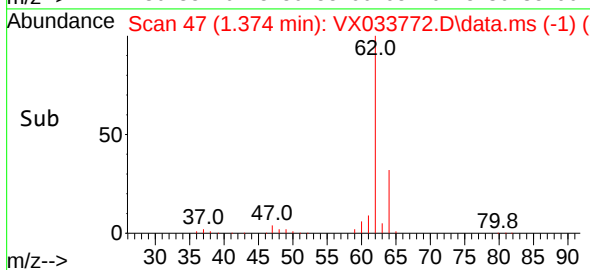
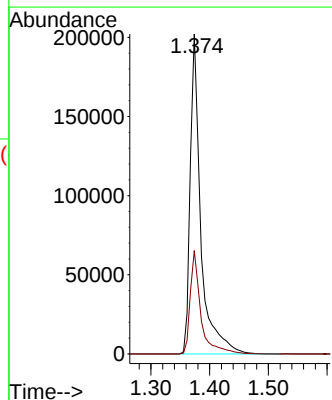
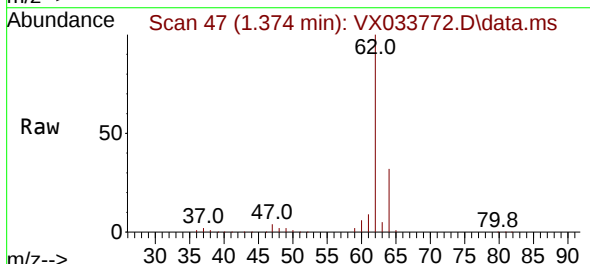
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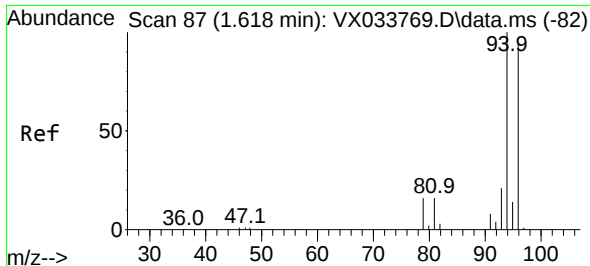
Tgt Ion: 62 Resp: 252390

Ion Ratio Lower Upper

62 100

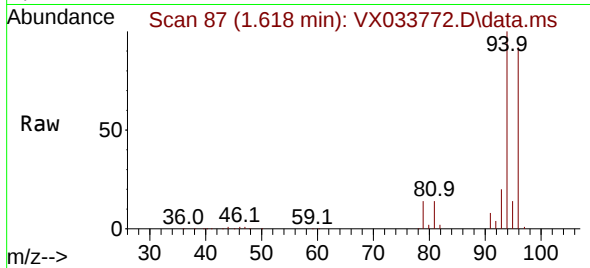
64 32.3 24.9 37.3





#5
Bromomethane
Concen: 175.847 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

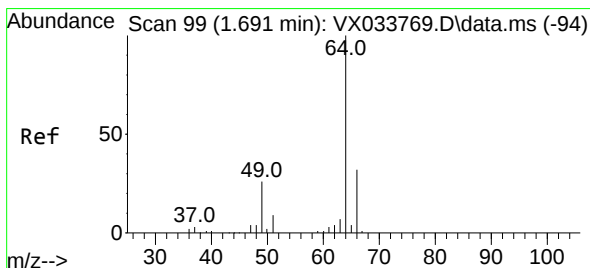
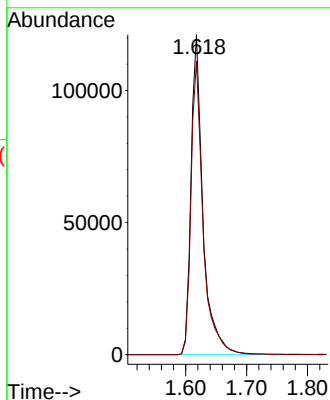
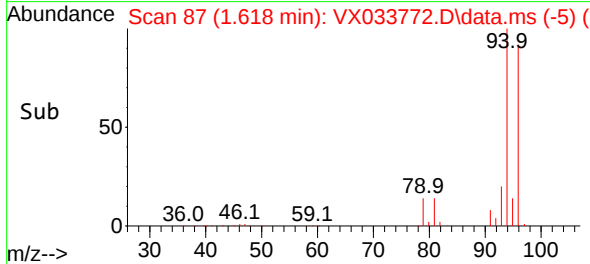
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 164950
Ion Ratio Lower Upper
94 100
96 91.8 73.6 110.4

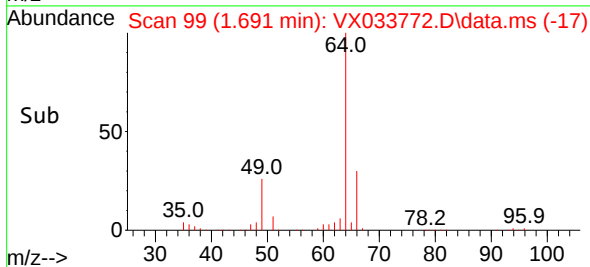
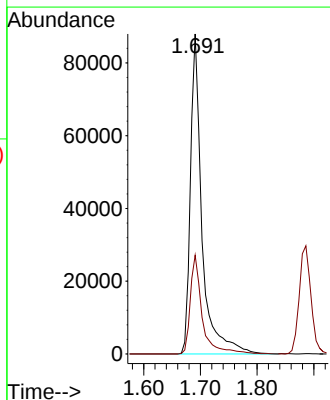
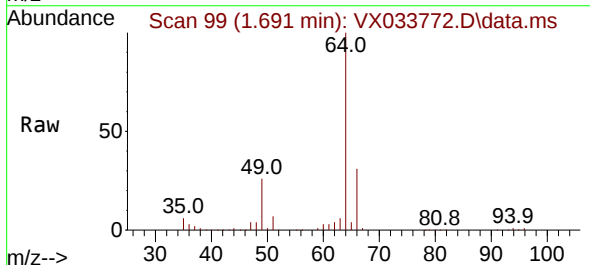
Manual Integrations
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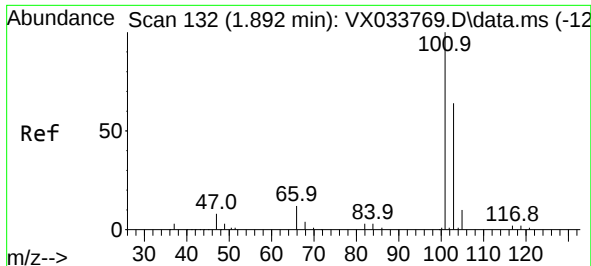
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 125.778 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

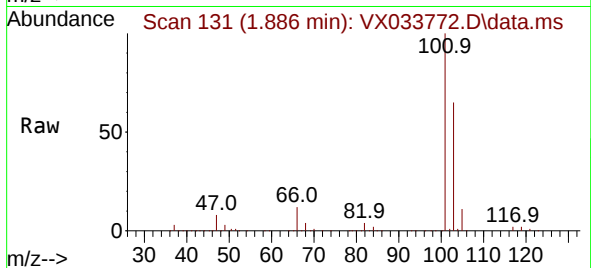
Tgt Ion: 64 Resp: 124753
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0





#7
Trichlorofluoromethane
Concen: 137.259 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

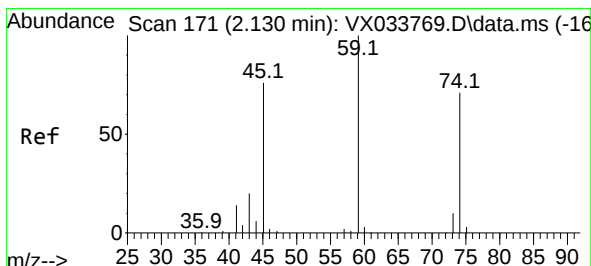
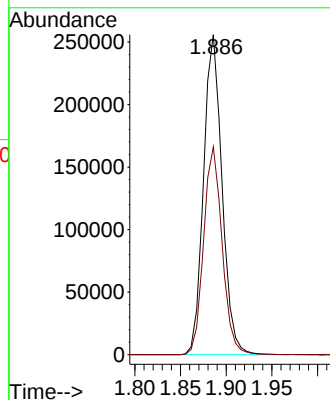
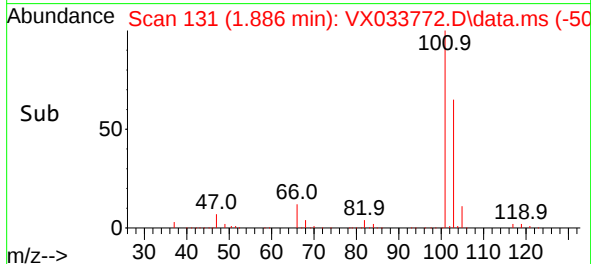
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 35873
Ion Ratio Lower Upper
101 100
103 64.9 53.7 80.5

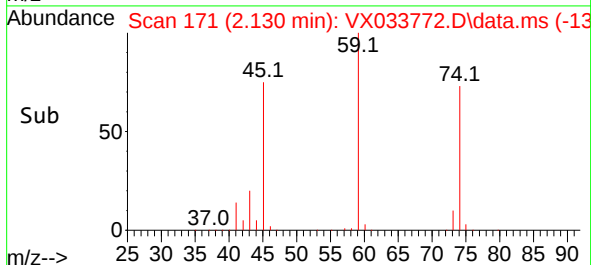
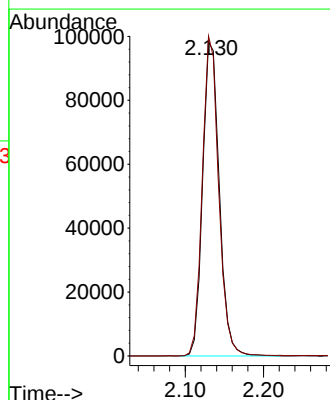
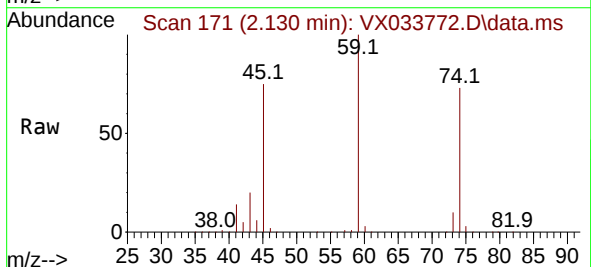
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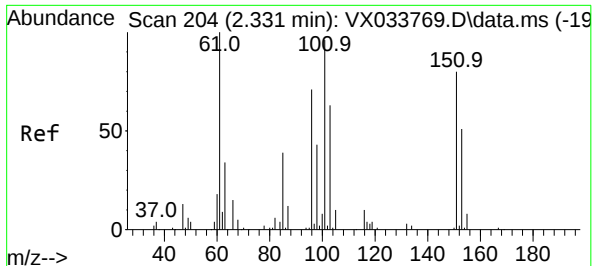
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#8
Diethyl Ether
Concen: 170.726 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 74 Resp: 145279
Ion Ratio Lower Upper
74 100
45 99.7 20.3 182.9





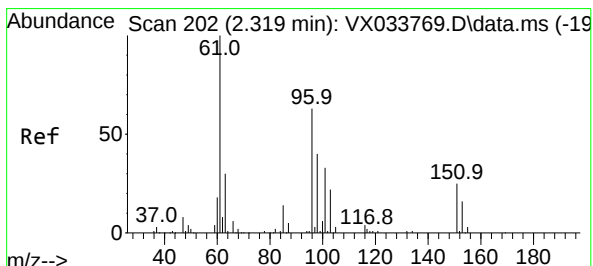
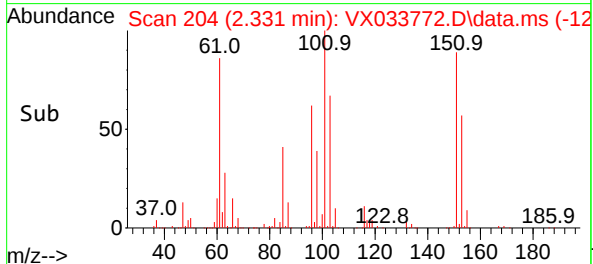
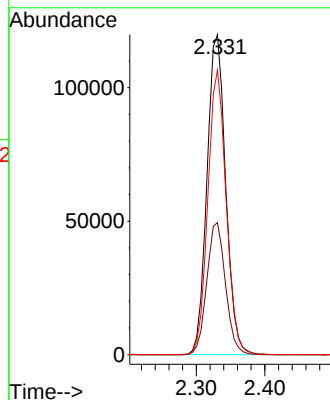
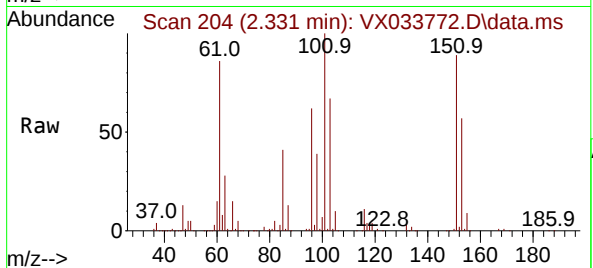
#9
1,1,2-Trichlorotrifluoroethane
Concen: 167.931 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 227580
Ion Ratio Lower Upper
101 100
85 41.3 0.0 88.8
151 87.4 0.0 167.2

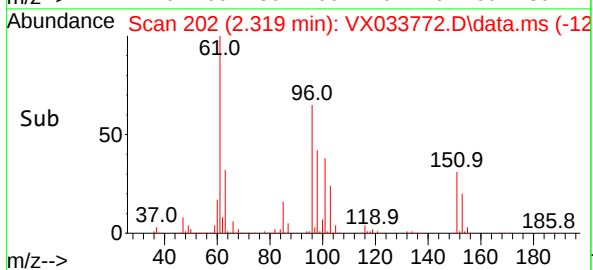
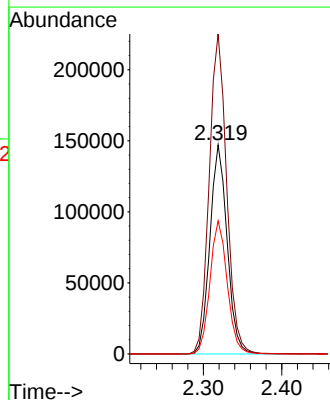
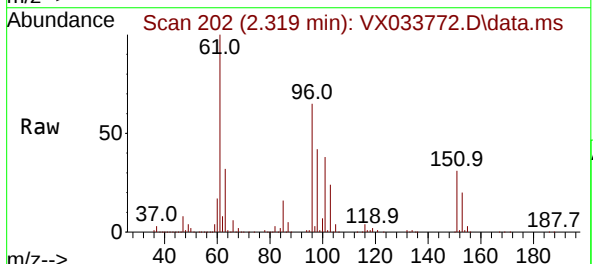
Manual Integrations
APPROVED

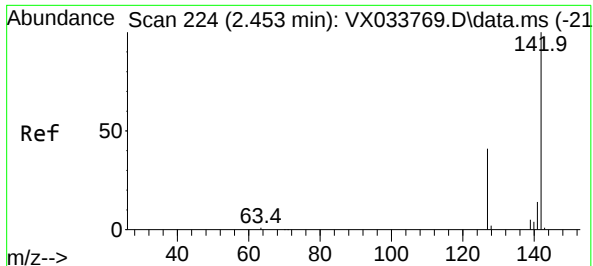
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 176.027 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

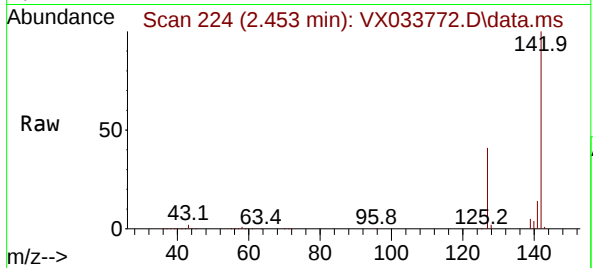
Tgt Ion: 96 Resp: 224905
Ion Ratio Lower Upper
96 100
61 153.0 130.6 195.8
98 63.7 50.8 76.2





#11
Methyl Iodide
Concen: 157.452 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

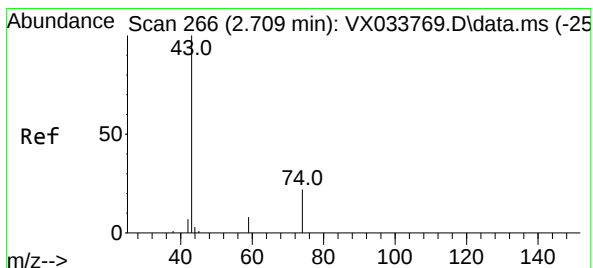
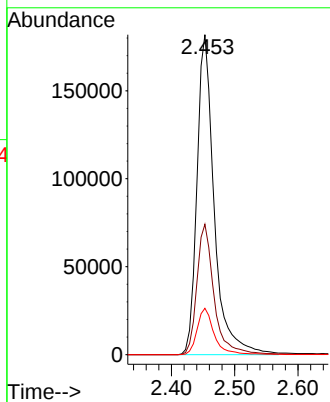
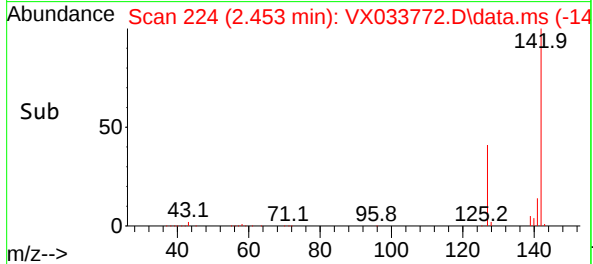
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 345828
Ion Ratio Lower Upper
142 100
127 40.7 23.2 69.5
141 14.5 7.3 22.0

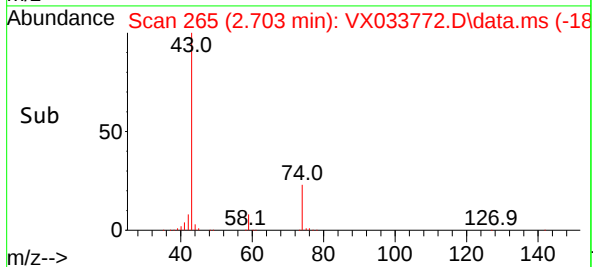
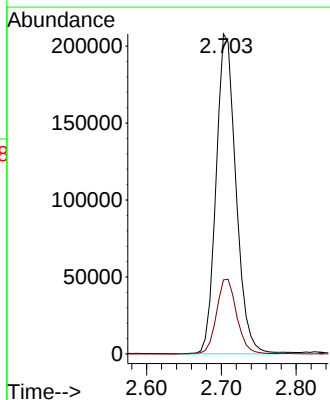
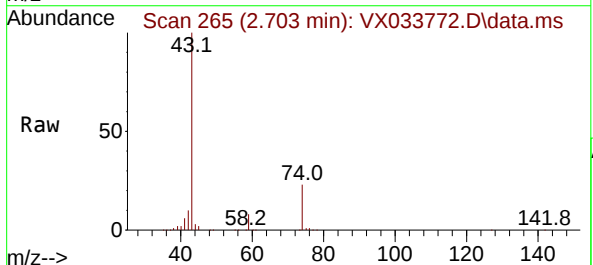
Manual Integrations
APPROVED

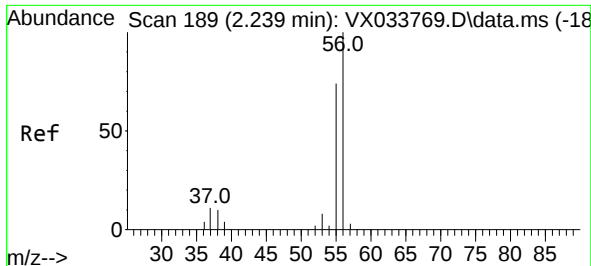
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 143.119 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

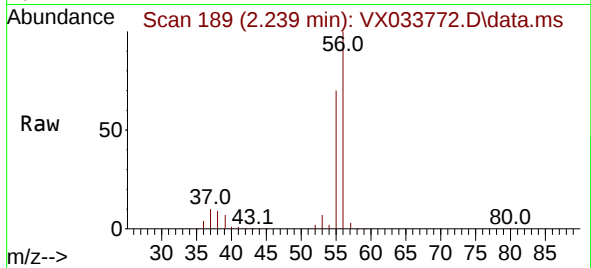
Tgt Ion: 43 Resp: 382824
Ion Ratio Lower Upper
43 100
74 23.1 17.0 25.6





#13
Acrolein
Concen: 817.253 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

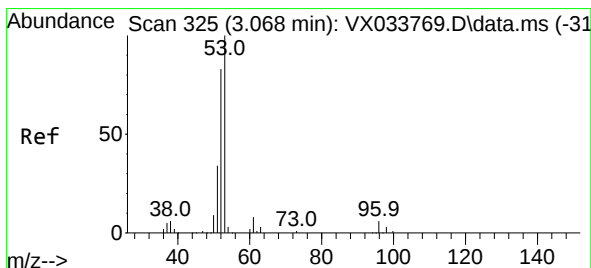
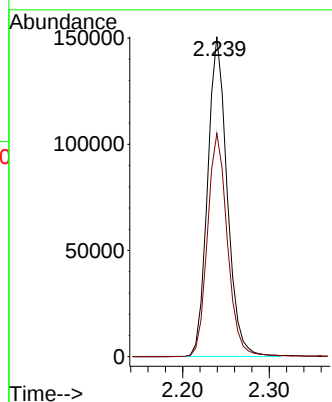
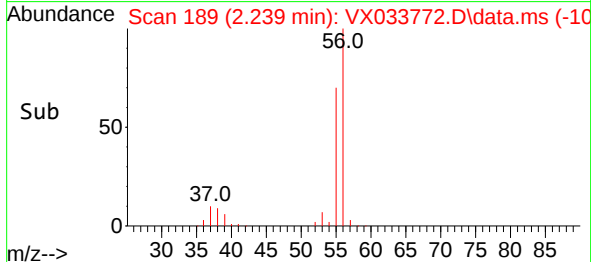
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 235704
Ion Ratio Lower Upper
56 100
55 70.7 56.1 84.1

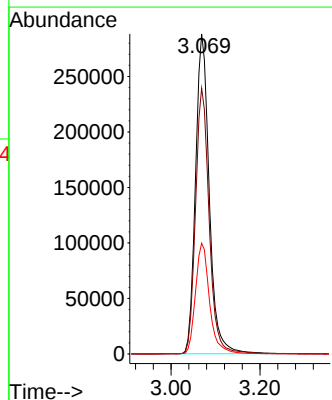
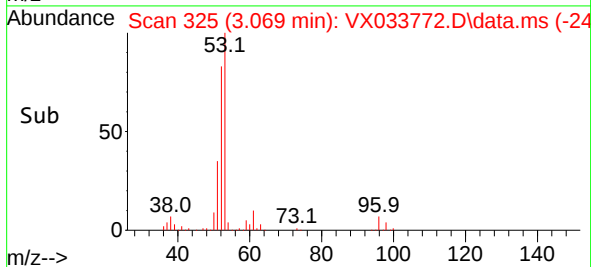
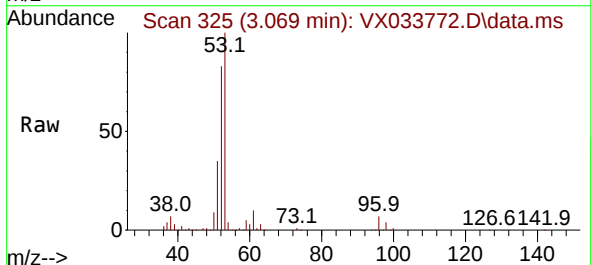
Manual Integrations
APPROVED

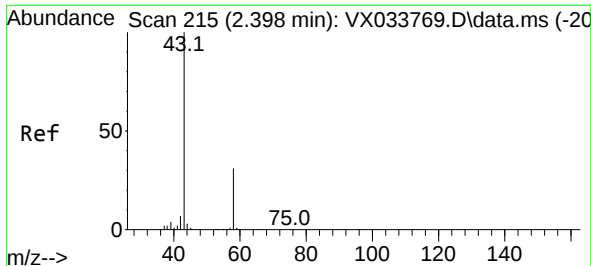
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#14
Acrylonitrile
Concen: 701.813 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 53 Resp: 619068
Ion Ratio Lower Upper
53 100
52 82.5 41.3 124.1
51 35.2 18.4 55.4





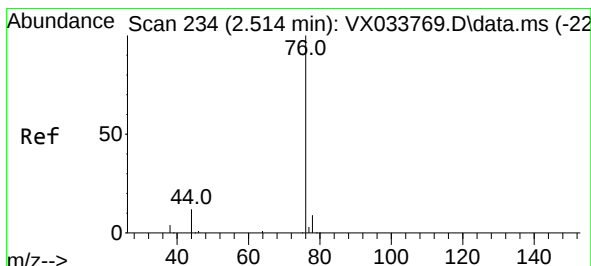
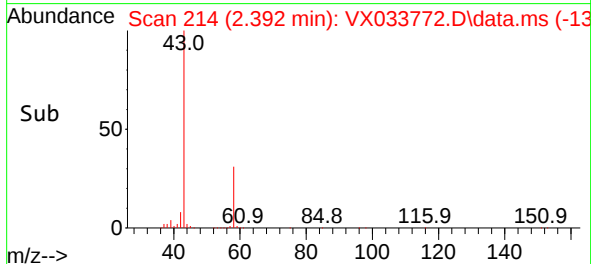
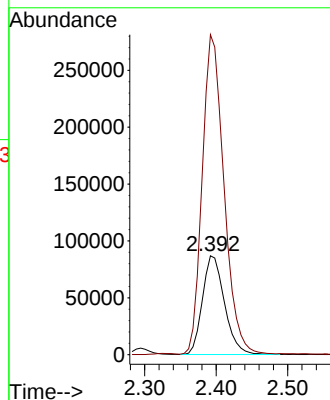
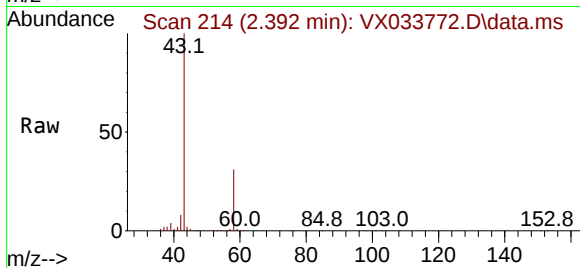
#15
Acetone
Concen: 928.443 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 58 Resp: 18534
Ion Ratio Lower Upper
58 100
43 323.8 288.3 432.5

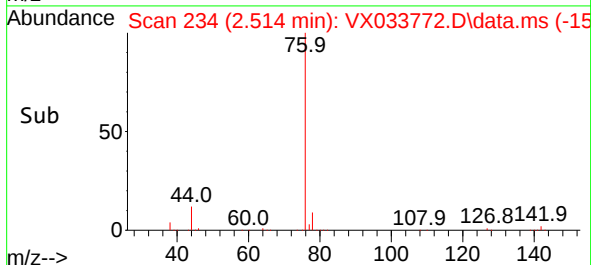
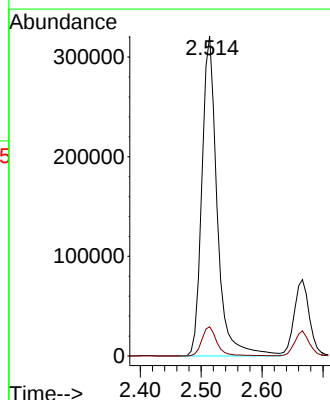
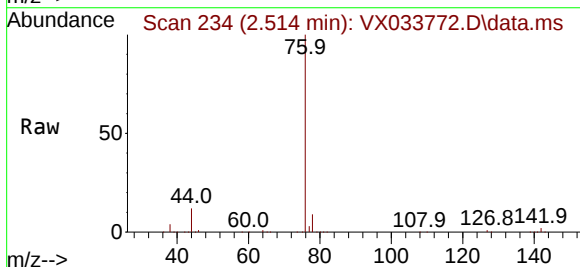
Manual Integrations
APPROVED

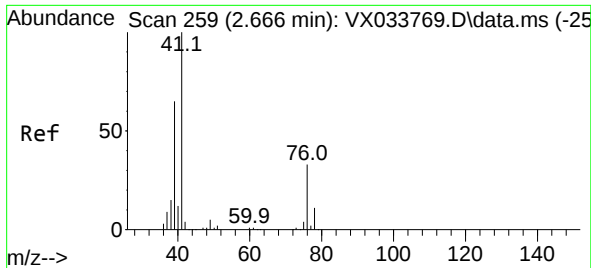
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#16
Carbon Disulfide
Concen: 150.734 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

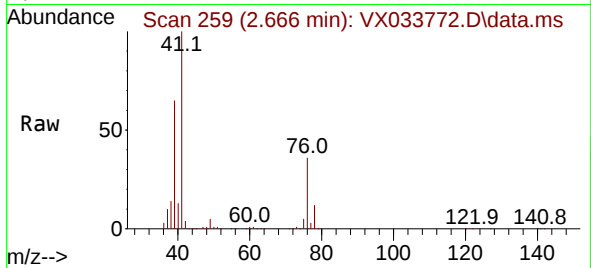
Tgt Ion: 76 Resp: 560412
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4





#17
 Allyl chloride
 Concen: 146.855 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033772.D
 Acq: 18 Jan 2023 14:10

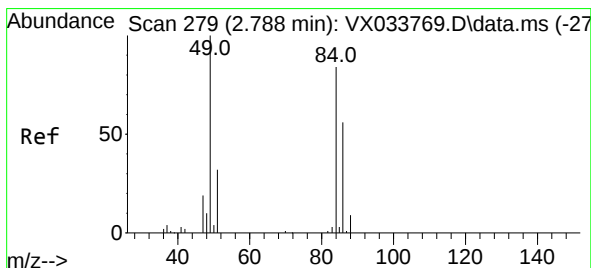
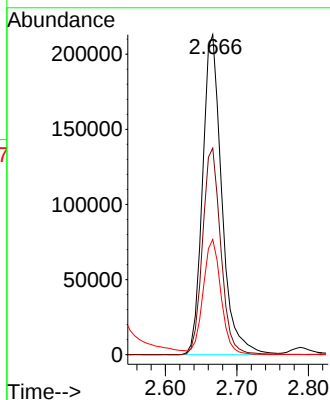
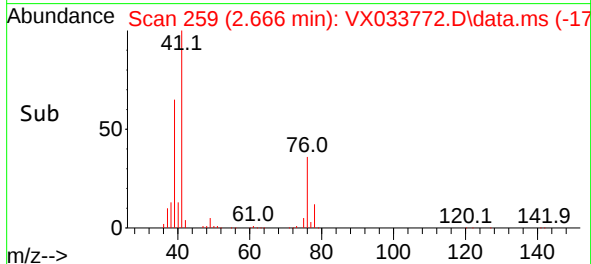
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 399164
 Ion Ratio Lower Upper
 41 100
 39 64.5 40.3 120.8
 76 35.9 17.0 50.9

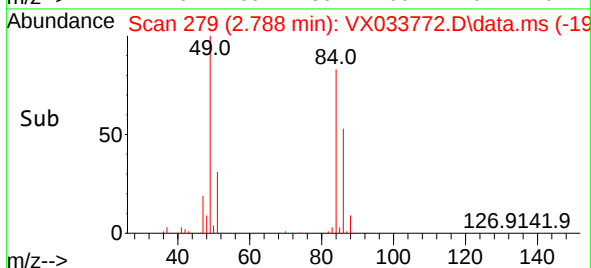
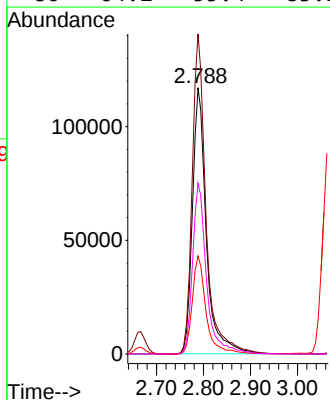
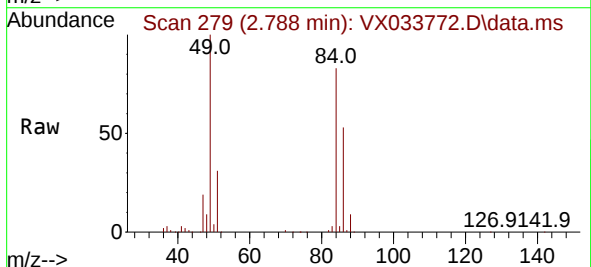
Manual Integrations
 APPROVED

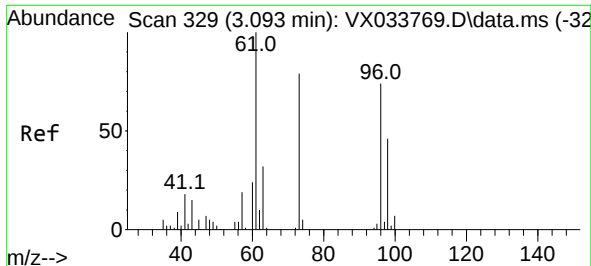
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#18
 Methylene Chloride
 Concen: 135.020 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033772.D
 Acq: 18 Jan 2023 14:10

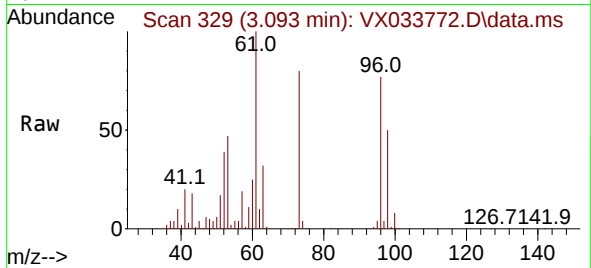
Tgt Ion: 84 Resp: 241591
 Ion Ratio Lower Upper
 84 100
 49 120.1 104.1 156.1
 51 36.8 29.2 43.8
 86 64.2 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 137.252 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

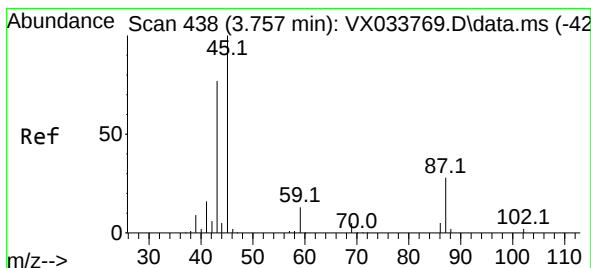
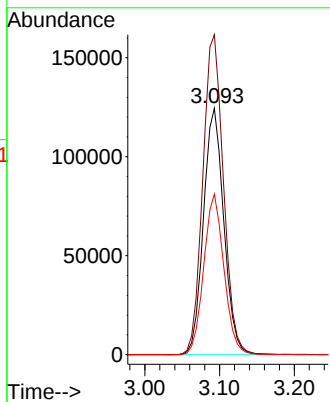
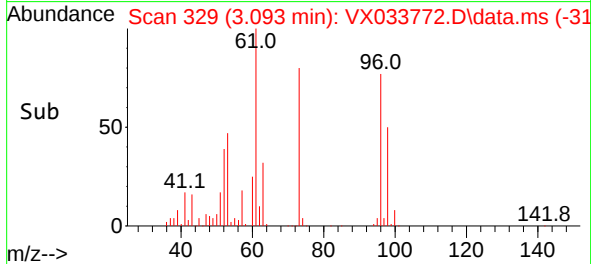
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 235602
Ion Ratio Lower Upper
96 100
61 129.8 117.1 175.7
98 65.2 52.0 78.0

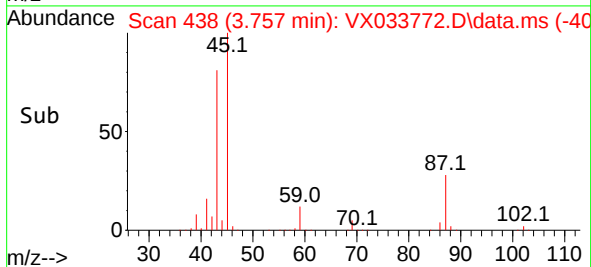
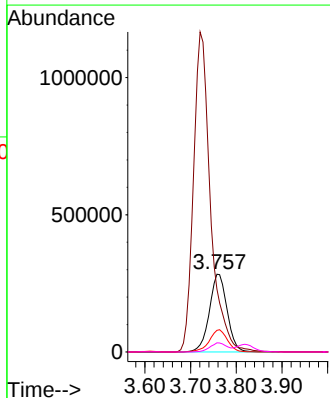
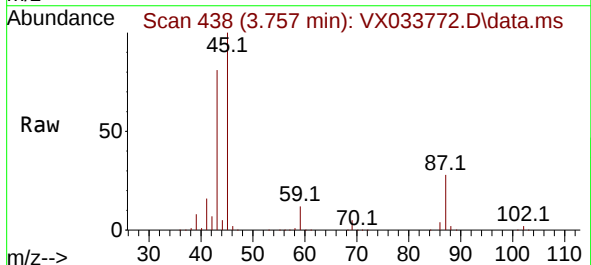
Manual Integrations
APPROVED

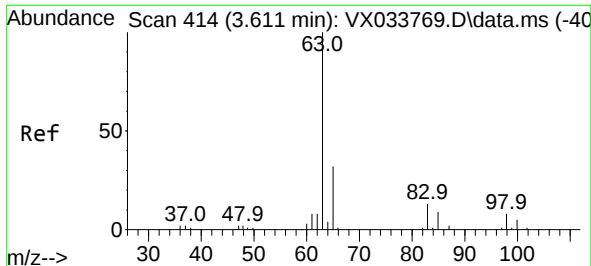
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#20
Diisopropyl ether
Concen: 130.142 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 45 Resp: 763483
Ion Ratio Lower Upper
45 100
43 80.4 58.0 87.0
87 27.9 21.7 32.5
59 11.7 8.2 12.4





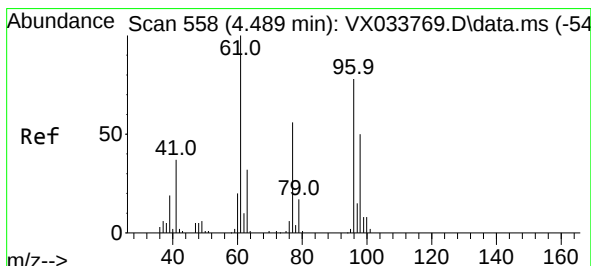
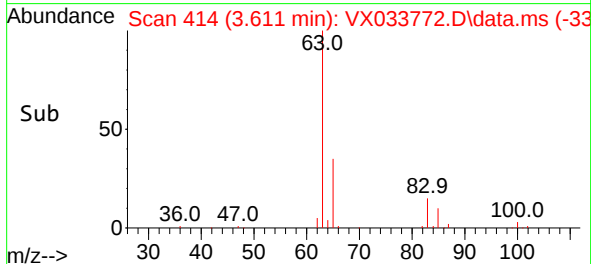
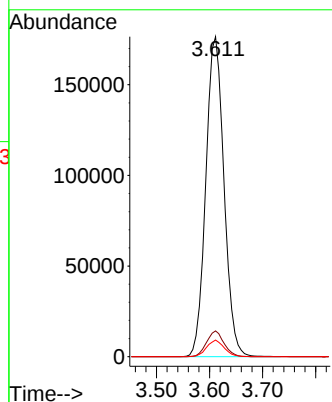
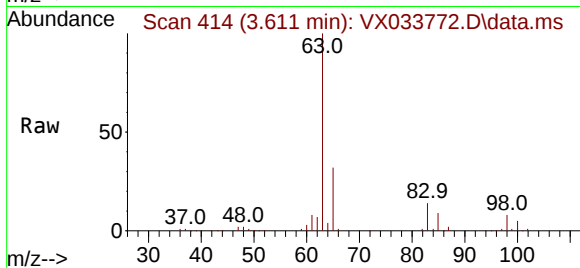
#21
1,1-Dichloroethane
Concen: 130.586 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 42012
Ion Ratio Lower Upper
63 100
98 8.1 4.0 12.2
100 5.2 2.4 7.2

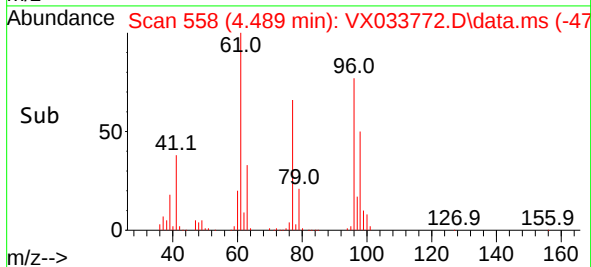
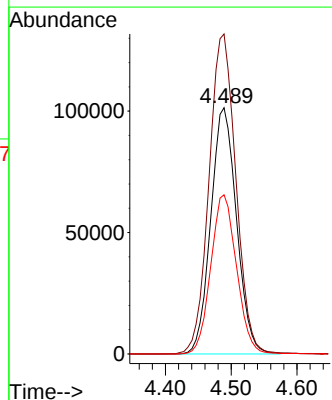
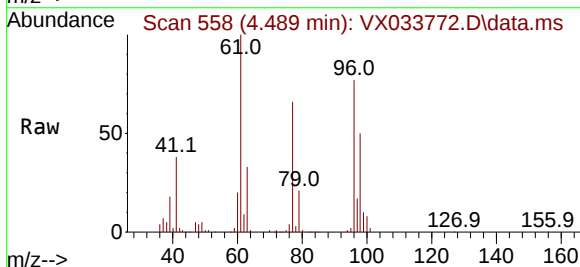
Manual Integrations
APPROVED

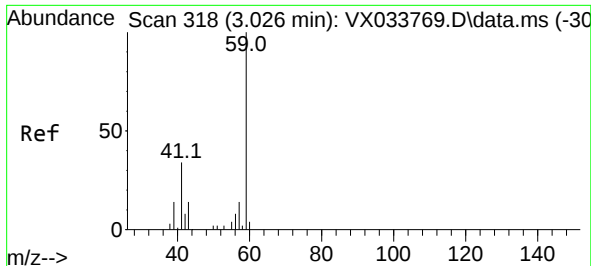
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 135.731 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 96 Resp: 277072
Ion Ratio Lower Upper
96 100
61 134.8 114.2 171.2
98 64.6 51.4 77.0





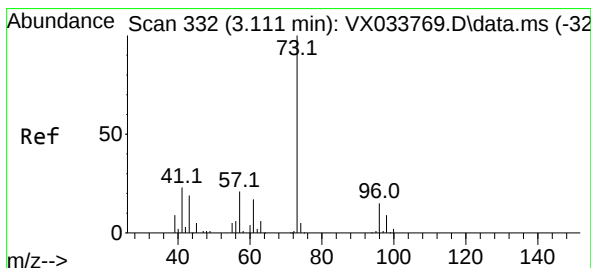
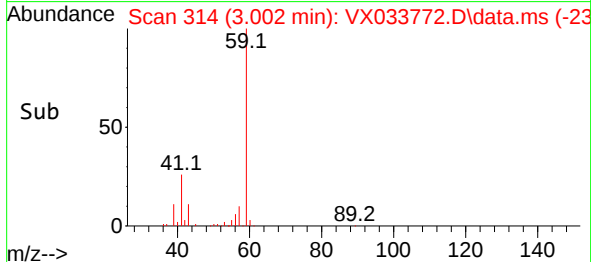
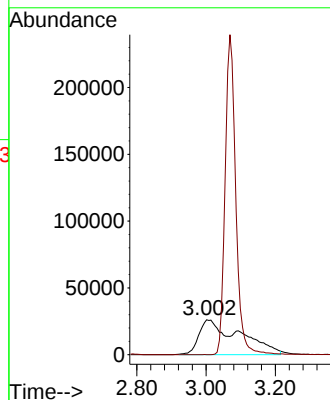
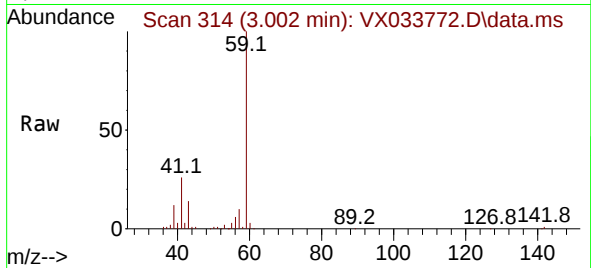
#23
tert-Butyl Alcohol
Concen: 619.396 ug/l m
RT: 3.002 min Scan# 318
Delta R.T. -0.043 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 215809
Ion Ratio Lower Upper
59 100
52 236.8 0.2 0.2

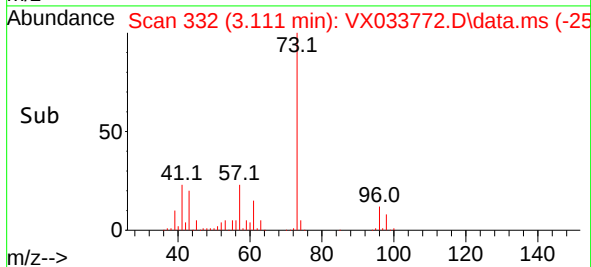
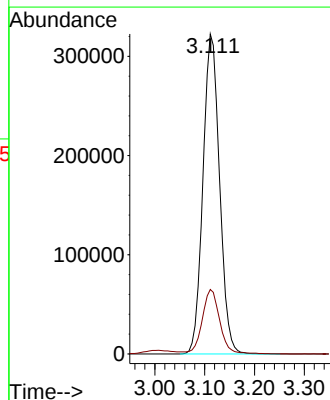
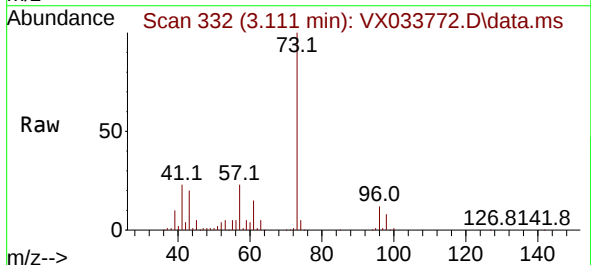
Manual Integrations
APPROVED

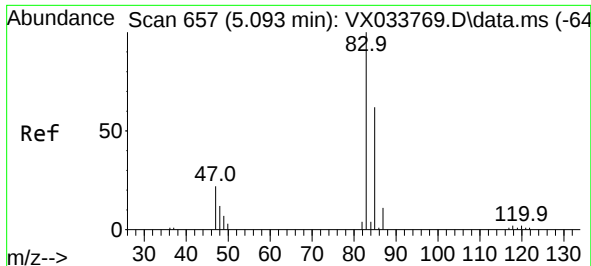
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 136.444 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

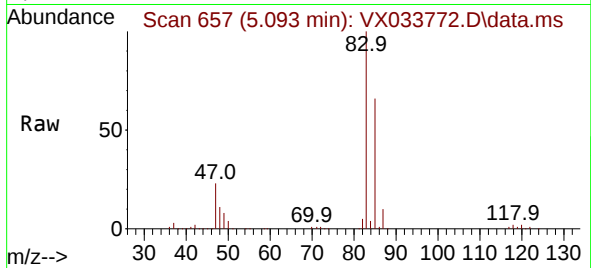
Tgt Ion: 73 Resp: 744428
Ion Ratio Lower Upper
73 100
43 21.0 18.1 27.1





#25
Chloroform
Concen: 129.303 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

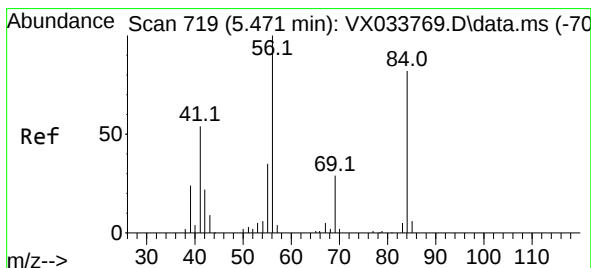
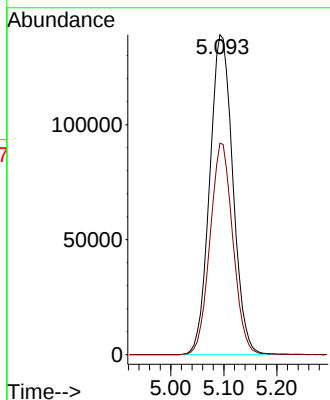
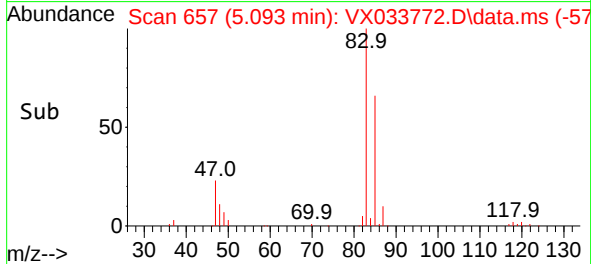
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC150



Tgt Ion: 83 Resp: 422239
Ion Ratio Lower Upper
83 100
85 66.1 53.9 80.9

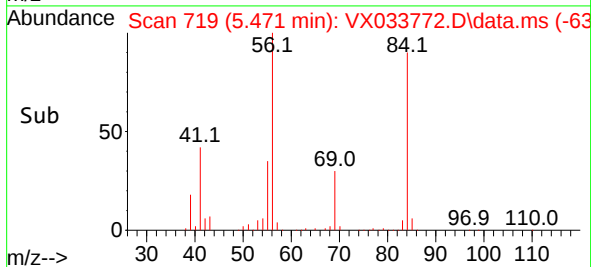
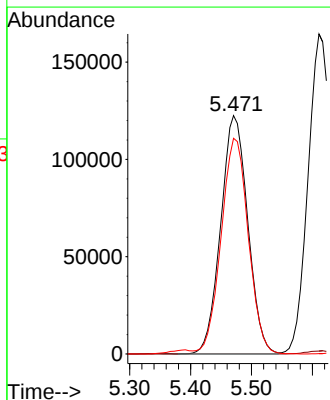
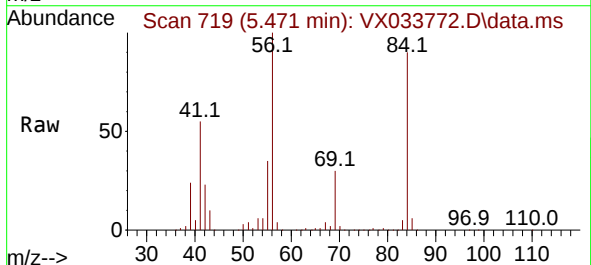
Manual Integrations
APPROVED

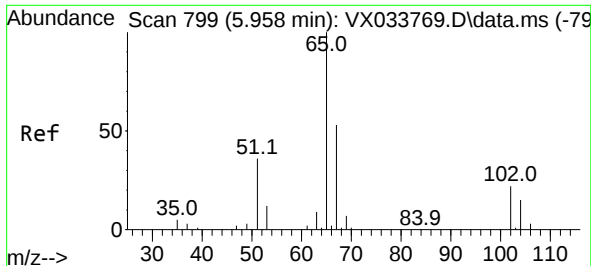
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
Cyclohexane
Concen: 126.600 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 56 Resp: 378029
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.0 70.8 106.2





#27
1,2-Dichloroethane-d4
Concen: 27.150 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

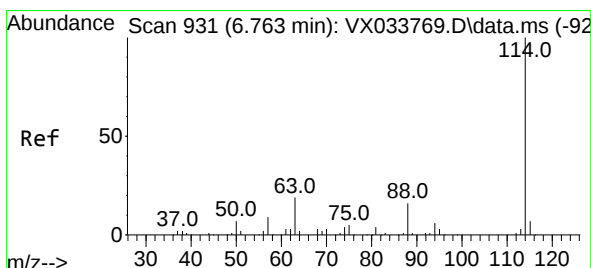
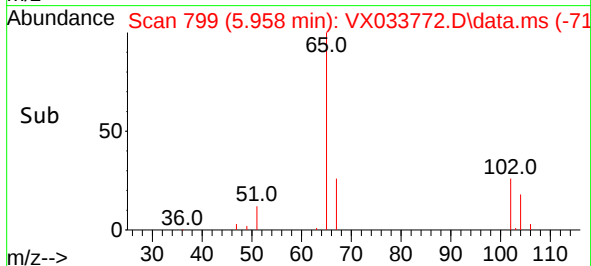
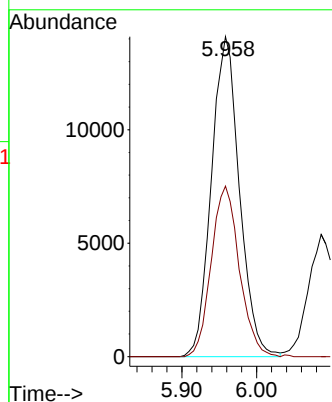
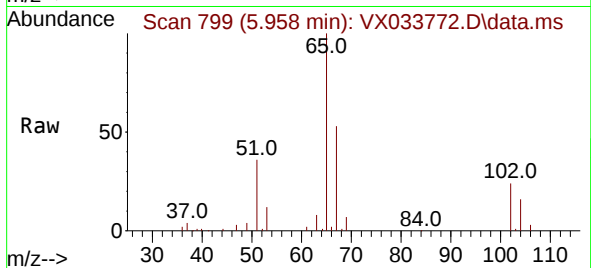
VSTDICC150

Tgt Ion: 65 Resp: 36768
Ion Ratio Lower Upper
65 100
67 53.4 40.4 60.6

Manual Integrations

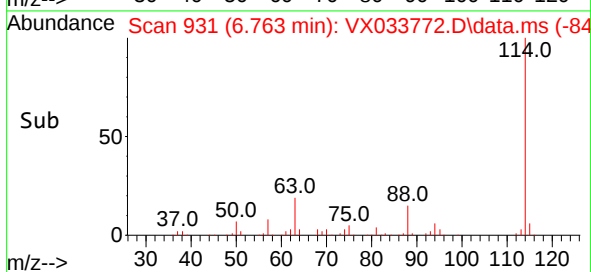
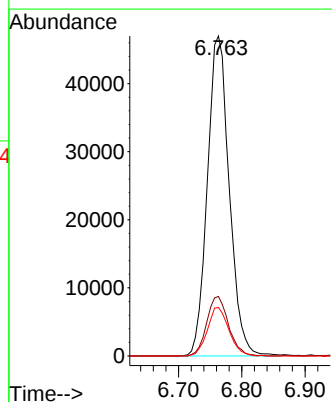
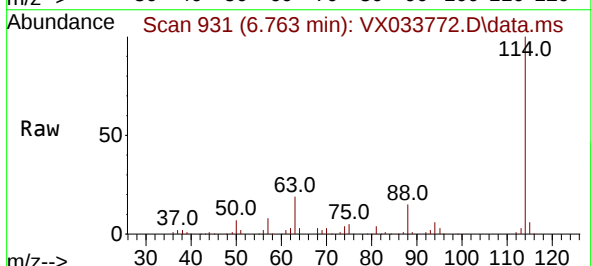
APPROVED

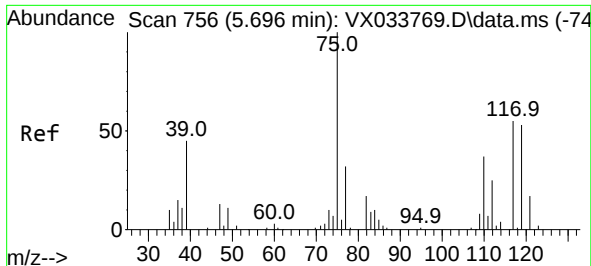
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion:114 Resp: 113239
Ion Ratio Lower Upper
114 100
63 18.5 15.5 23.3
88 14.9 12.4 18.6





#29

1,1-Dichloropropene

Concen: 131.772 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 32254

Ion Ratio Lower Upper

75 100

110 38.4 0.0 71.4

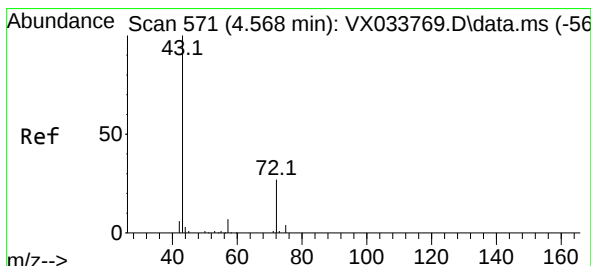
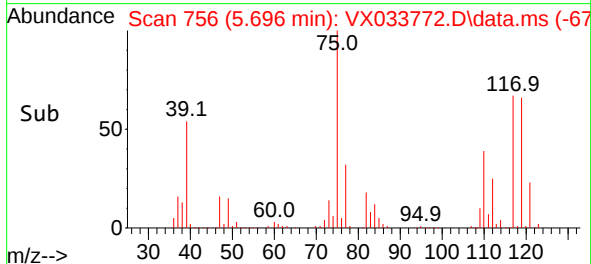
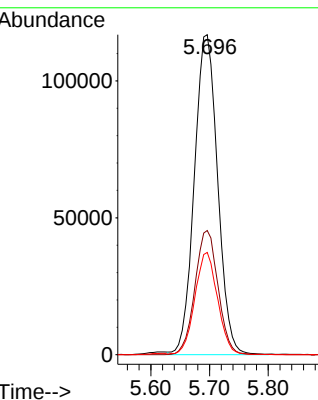
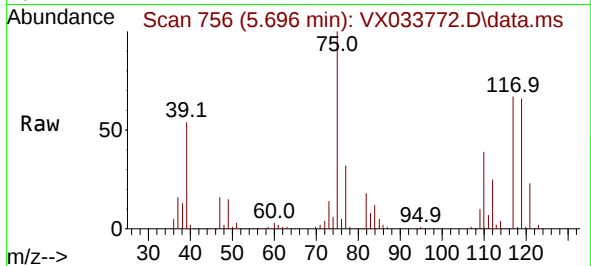
77 31.0 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#30

2-Butanone

Concen: 673.374 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

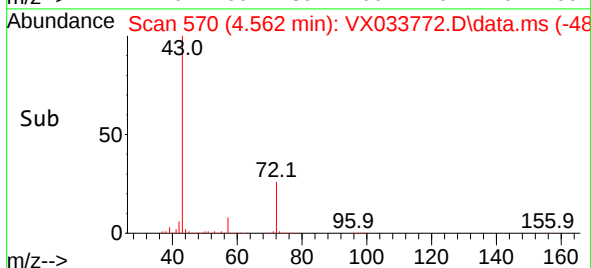
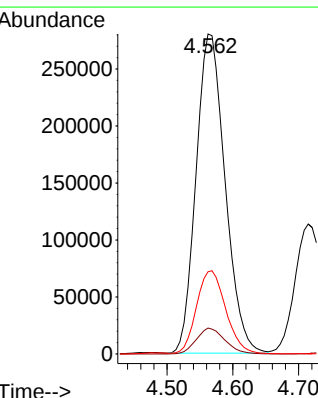
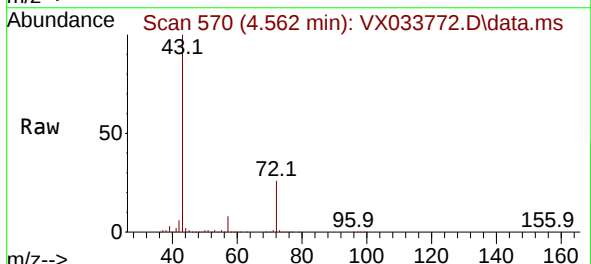
Tgt Ion: 43 Resp: 860744

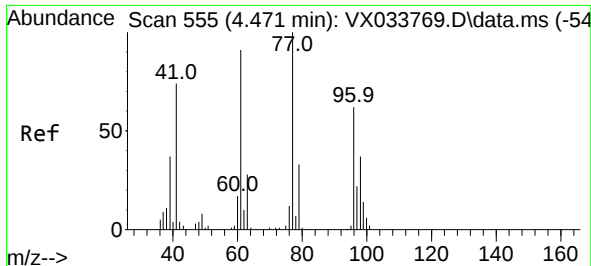
Ion Ratio Lower Upper

43 100

57 8.0 3.4 5.2#

72 26.4 19.8 29.6





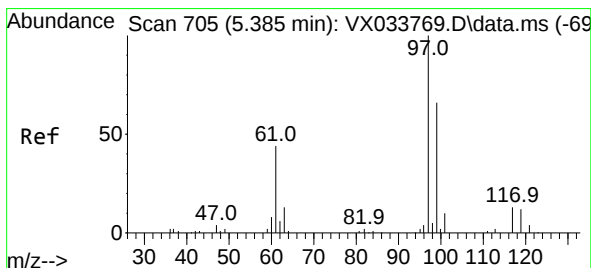
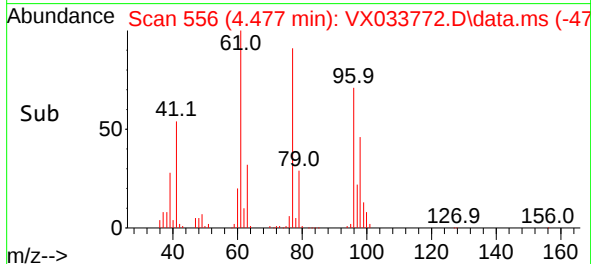
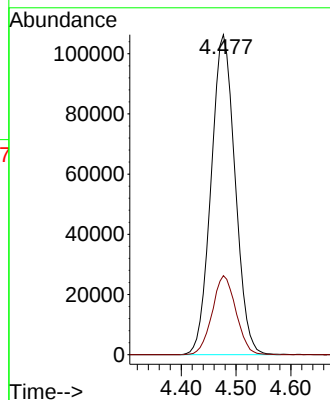
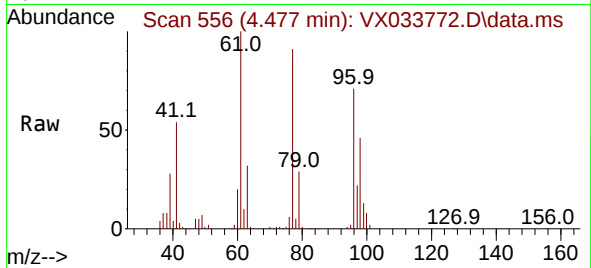
#31
2,2-Dichloropropane
Concen: 153.243 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 77 Resp: 32295
Ion Ratio Lower Upper
77 100
97 24.5 19.0 28.6

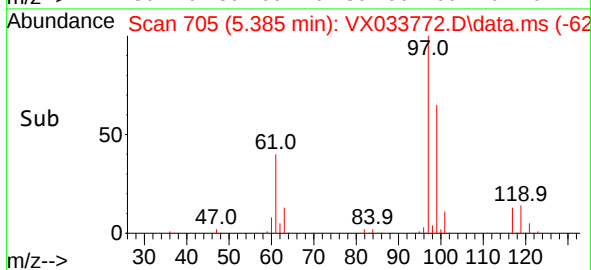
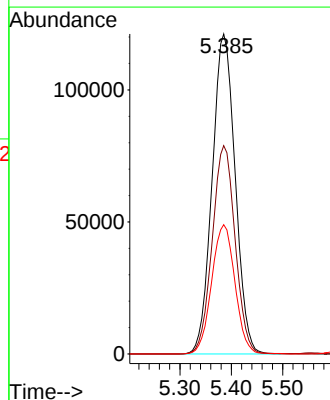
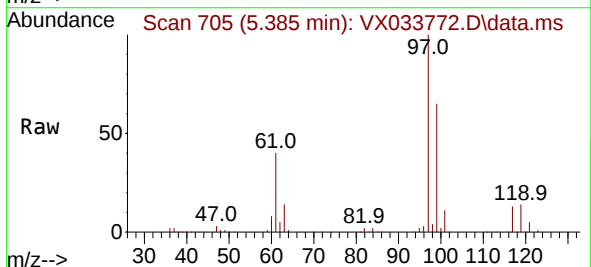
Manual Integrations
APPROVED

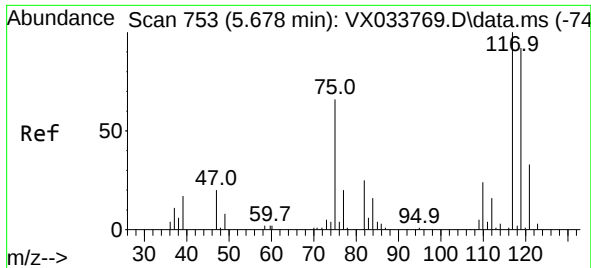
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 132.053 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

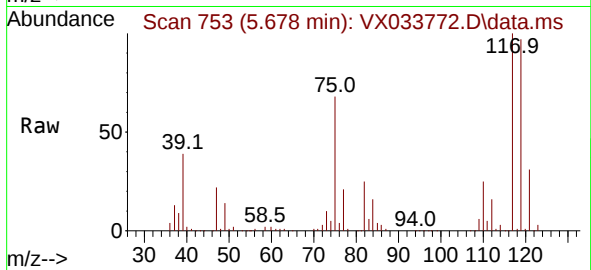
Tgt Ion: 97 Resp: 377368
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 40.9 35.4 53.2





#33
Carbon Tetrachloride
Concen: 133.119 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

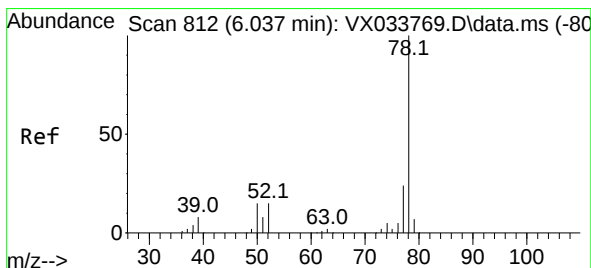
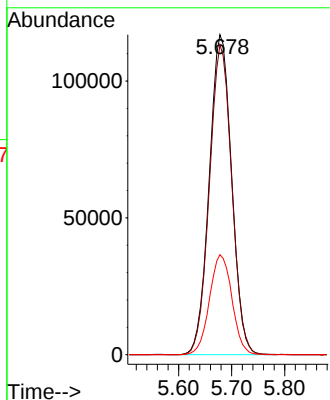
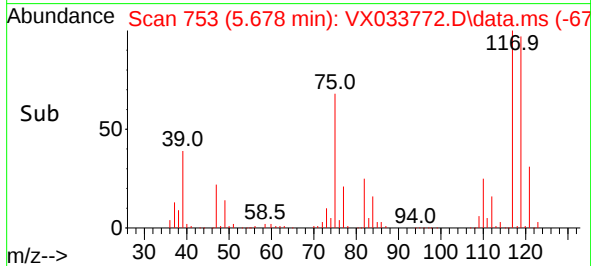
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 343364
Ion Ratio Lower Upper
117 100
119 96.9 74.8 112.2
121 31.3 23.8 35.8

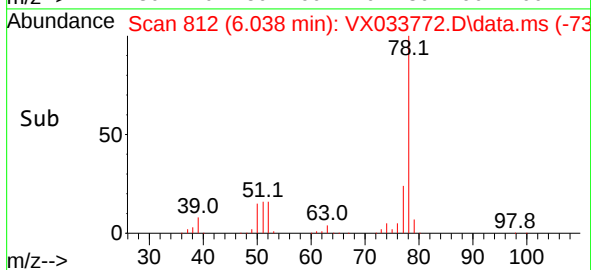
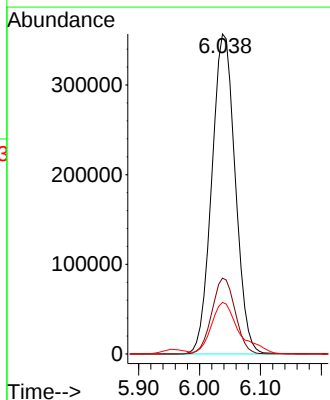
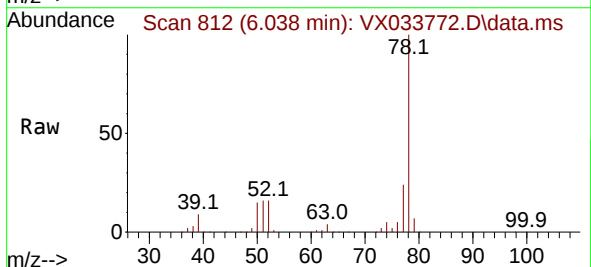
Manual Integrations
APPROVED

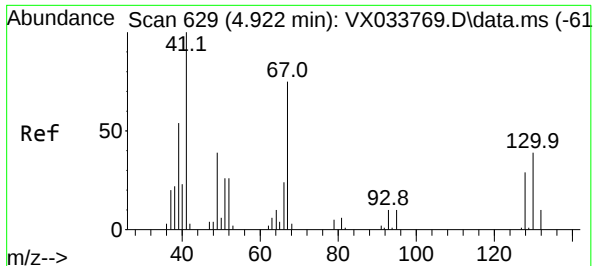
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
Benzene
Concen: 134.136 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

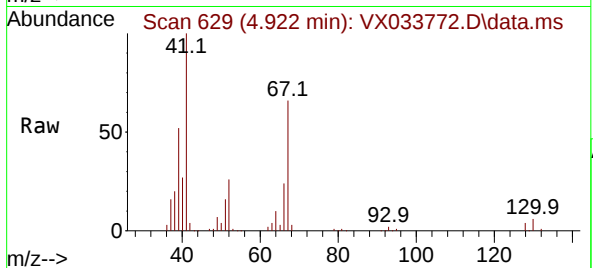
Tgt Ion: 78 Resp: 953831
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3
51 15.9 13.0 19.6





#35
Methacrylonitrile
Concen: 134.599 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

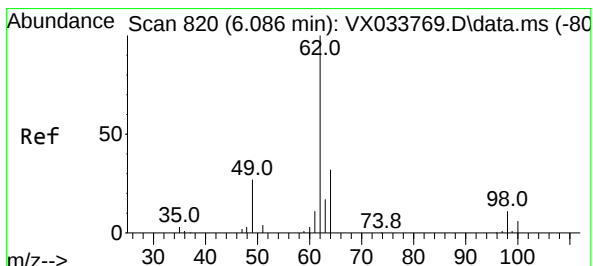
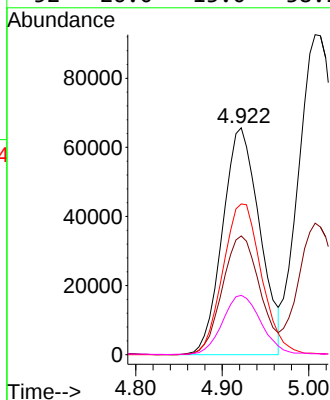
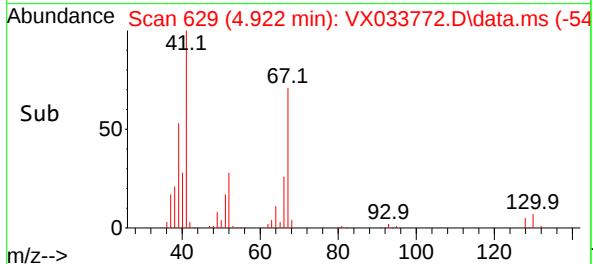


Tgt Ion: 41 Resp: 19604

Ion	Ratio	Lower	Upper
41	100		
39	52.3	28.6	85.9
67	66.4	34.8	104.3
52	26.0	13.0	38.9

Manual Integrations
APPROVED

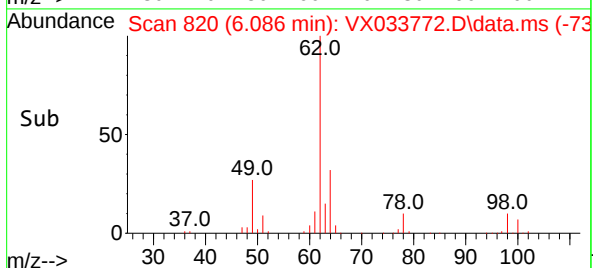
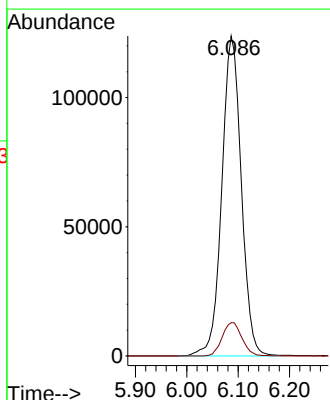
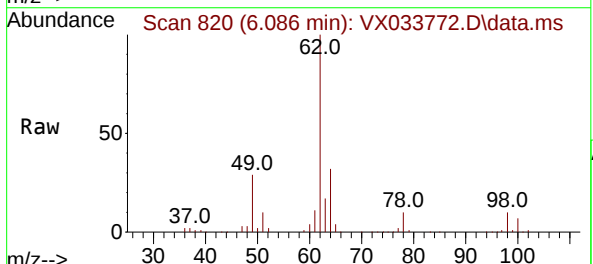
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

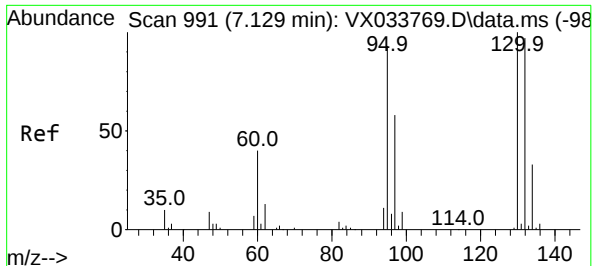


#36
1,2-Dichloroethane
Concen: 126.105 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 62 Resp: 325981

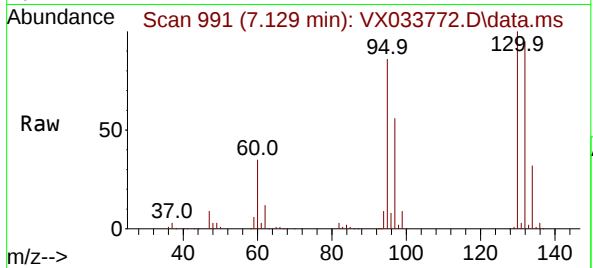
Ion	Ratio	Lower	Upper
62	100		
98	10.6	7.4	11.0





#37
Trichloroethene
Concen: 139.285 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

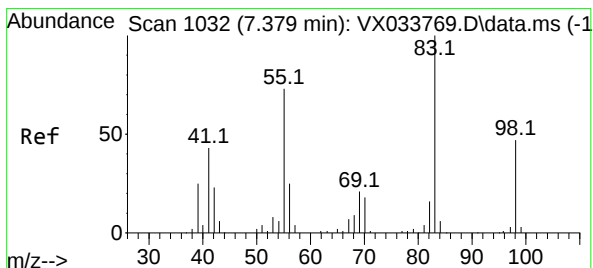
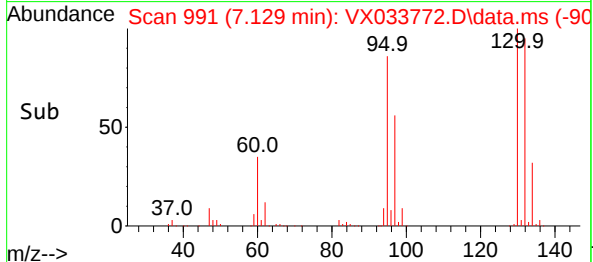
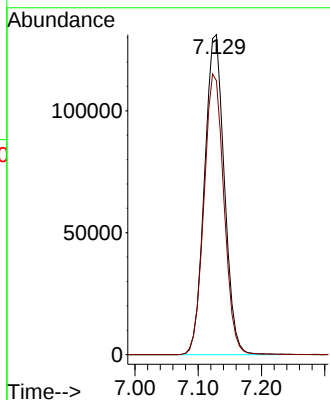
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 28564
Ion Ratio Lower Upper
130 100
95 85.6 73.1 109.7

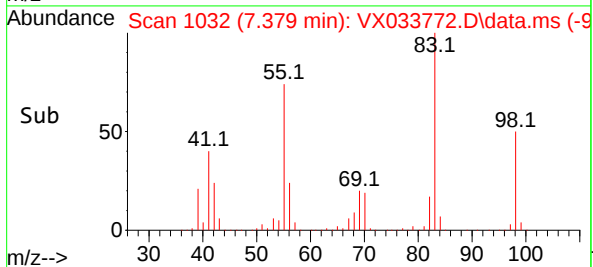
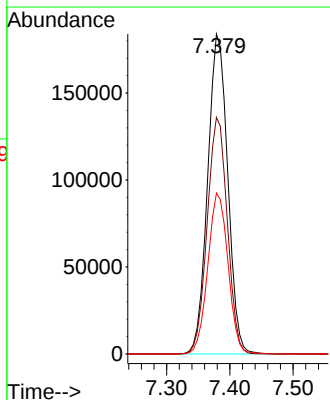
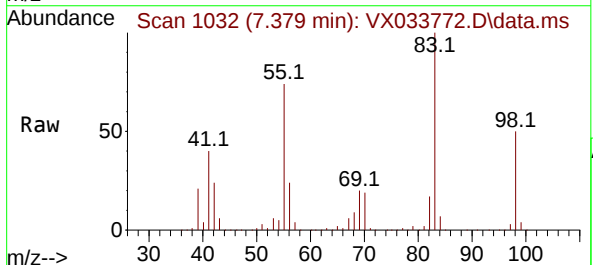
Manual Integrations
APPROVED

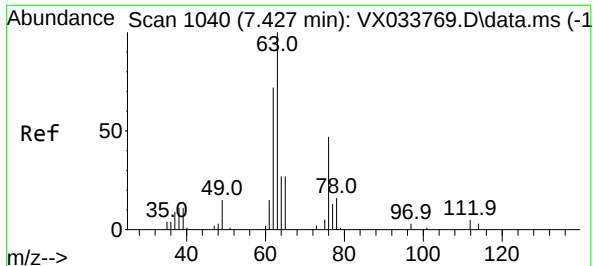
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#38
Methylcyclohexane
Concen: 133.277 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 83 Resp: 405650
Ion Ratio Lower Upper
83 100
55 74.0 38.6 115.7
98 50.6 25.3 75.8





#39

1,2-Dichloropropane

Concen: 134.880 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 245120

Ion Ratio Lower Upper

63 100

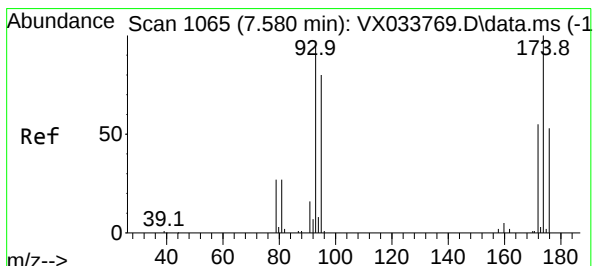
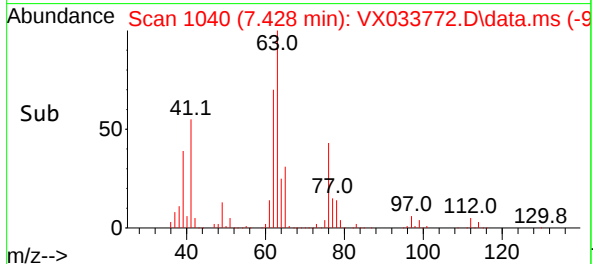
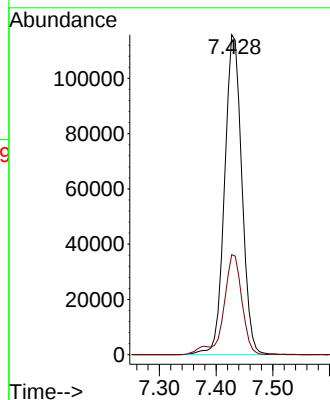
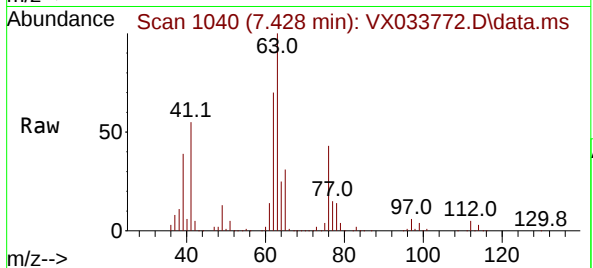
65 31.3 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 133.310 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

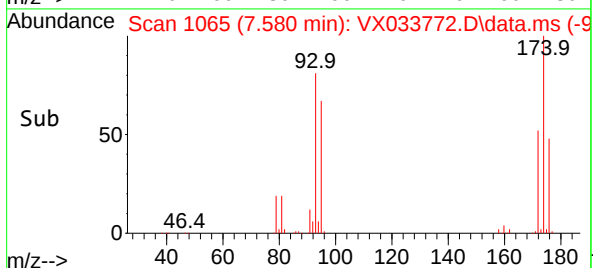
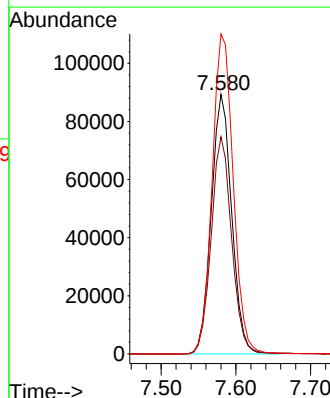
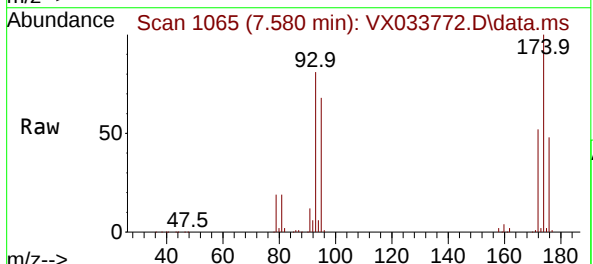
Tgt Ion: 93 Resp: 170257

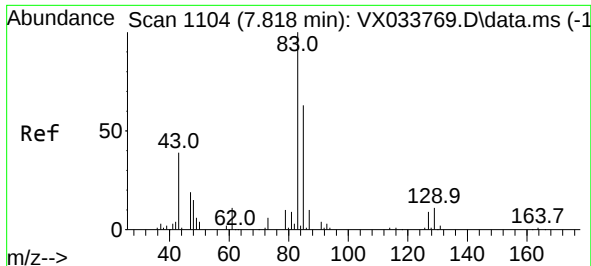
Ion Ratio Lower Upper

93 100

95 83.6 0.0 166.4

174 126.7 0.0 233.8





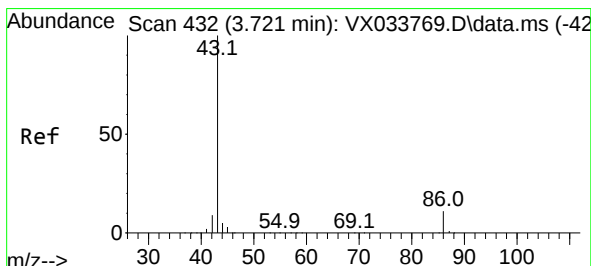
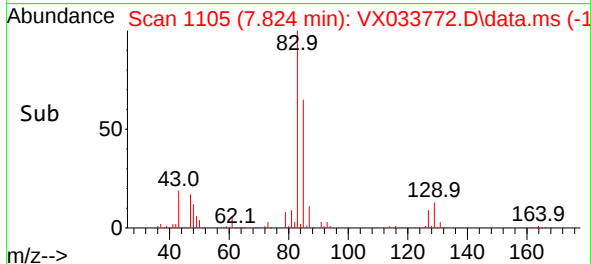
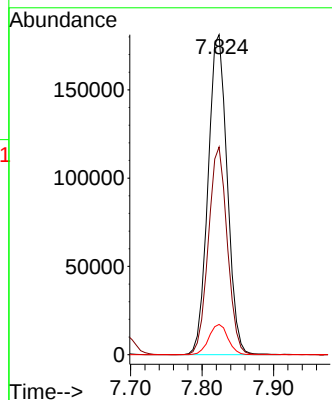
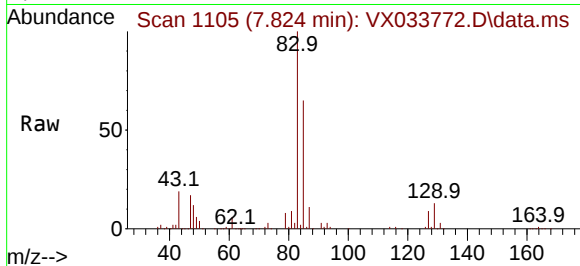
#41
Bromodichloromethane
Concen: 136.034 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 33698
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0
127 9.5 7.4 11.0

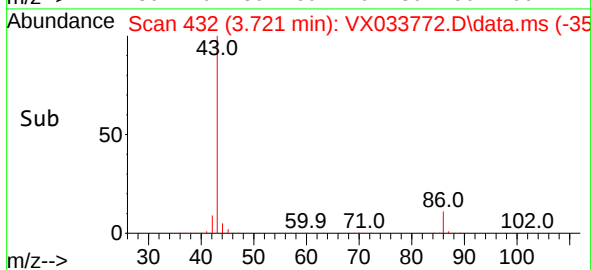
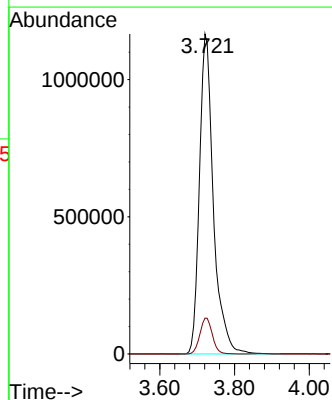
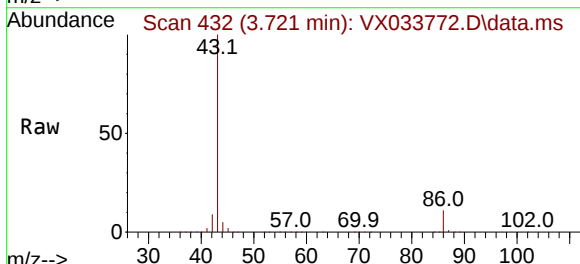
Manual Integrations
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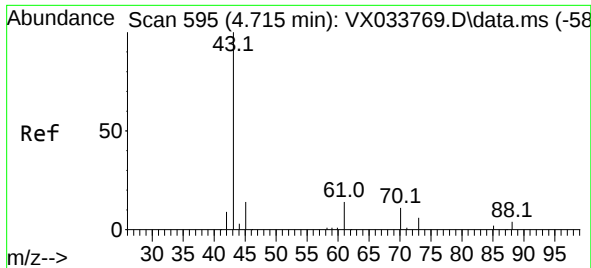
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 661.258 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 43 Resp: 3020606
Ion Ratio Lower Upper
43 100
86 10.0 7.2 10.8





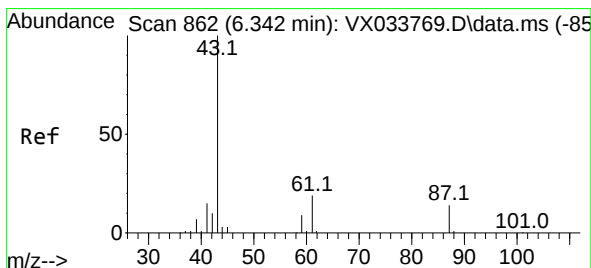
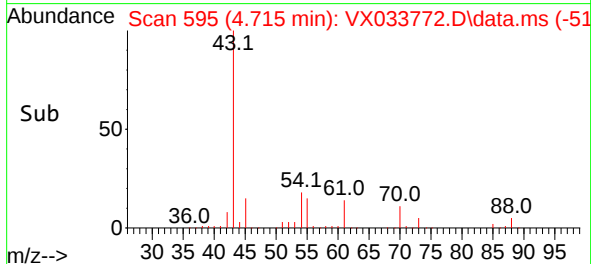
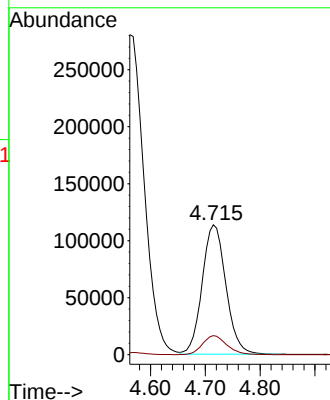
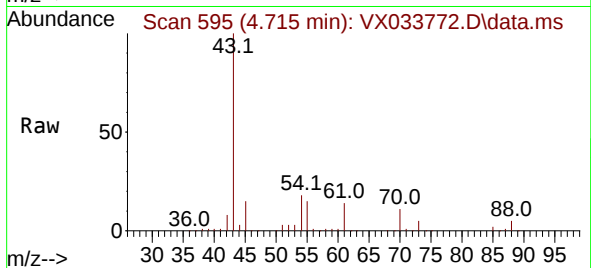
#43
Ethyl Acetate
Concen: 130.093 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 34074
Ion Ratio Lower Upper
43 100
45 15.1 11.2 16.8

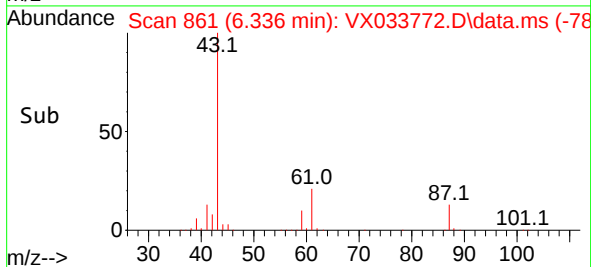
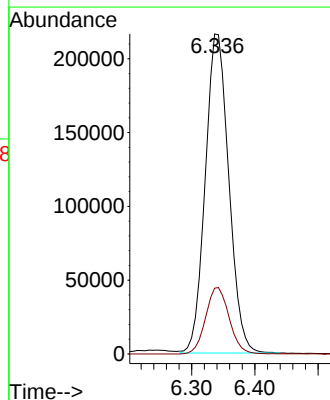
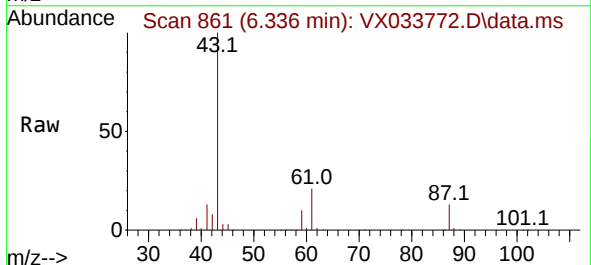
Manual Integrations
APPROVED

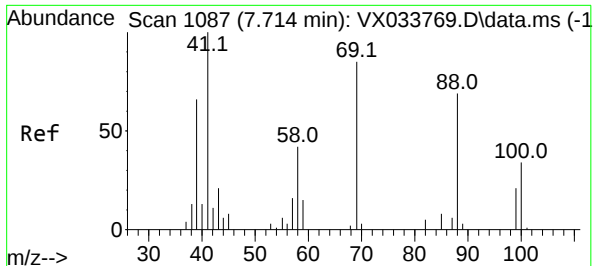
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#44
Isopropyl Acetate
Concen: 136.311 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 43 Resp: 560133
Ion Ratio Lower Upper
43 100
61 20.8 15.4 23.2





#45

1,4-Dioxane

Concen: 2404.488 ug/l

RT: 7.732 min Scan# 1087

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 10779

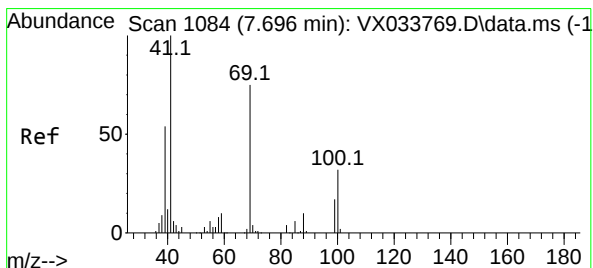
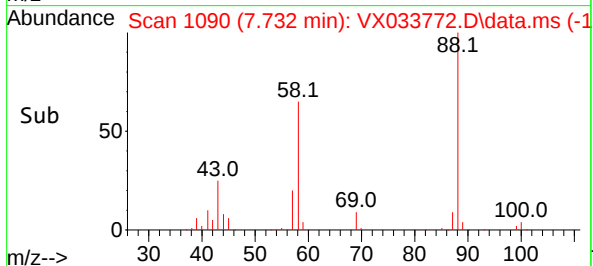
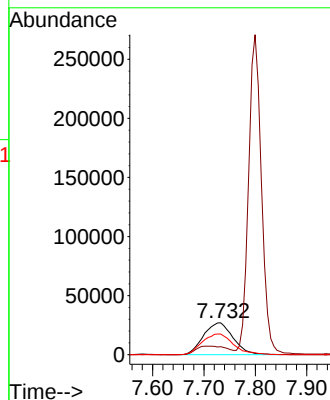
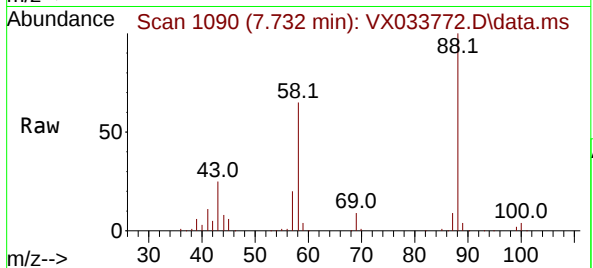
Ion	Ratio	Lower	Upper
88	100		
43	29.1	1.2	1.8
58	68.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#46

Methyl methacrylate

Concen: 135.079 ug/l

RT: 7.690 min Scan# 1083

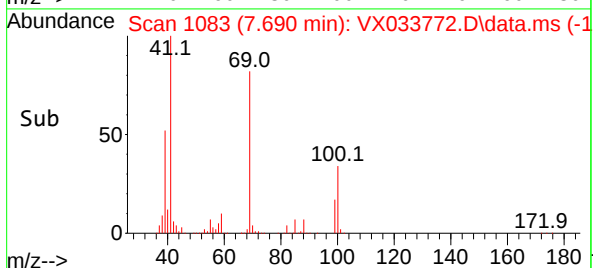
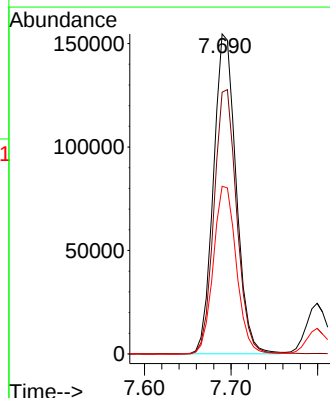
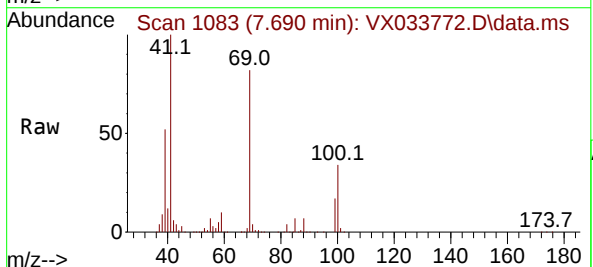
Delta R.T. 0.000 min

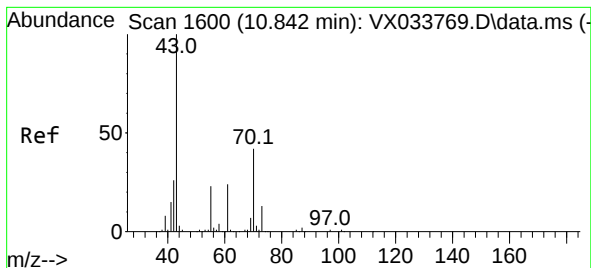
Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Tgt Ion: 41 Resp: 281036

Ion	Ratio	Lower	Upper
41	100		
69	81.8	39.1	117.3
39	52.4	27.7	83.0





#47

n-amy1 Acetate

Concen: 134.218 ug/l

RT: 10.848 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 46957

Ion Ratio Lower Upper

43 100

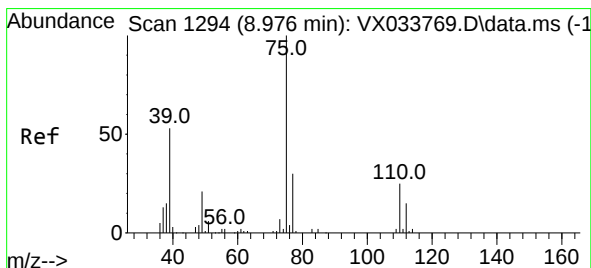
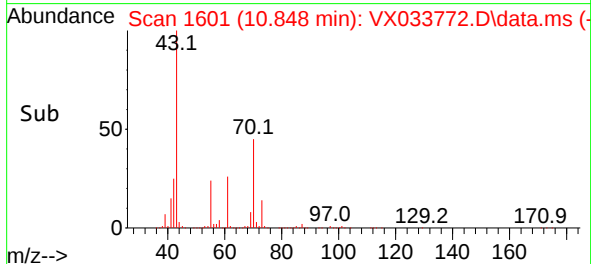
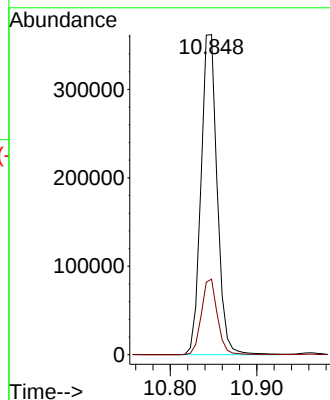
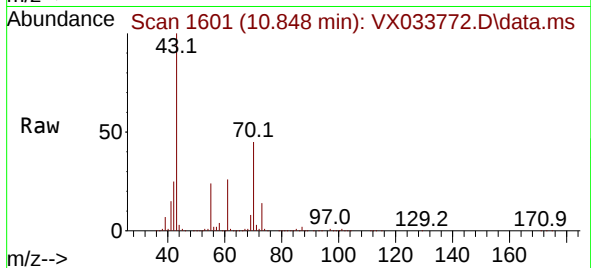
55 23.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#48

t-1,3-Dichloropropene

Concen: 147.809 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033772.D

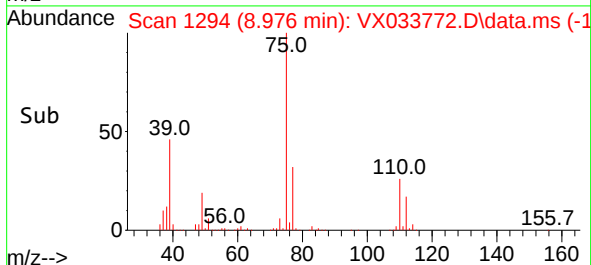
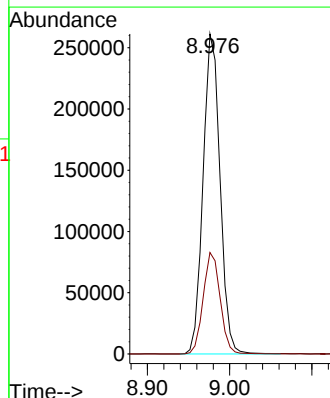
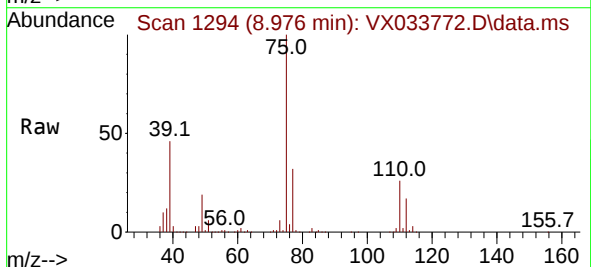
Acq: 18 Jan 2023 14:10

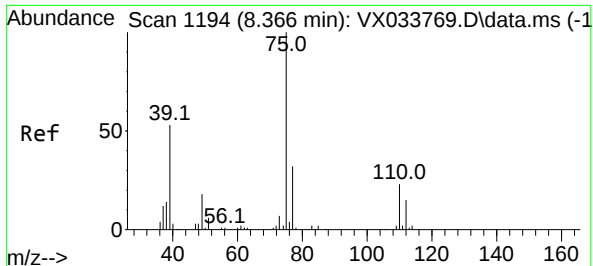
Tgt Ion: 75 Resp: 374132

Ion Ratio Lower Upper

75 100

77 31.7 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 144.284 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 40562

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

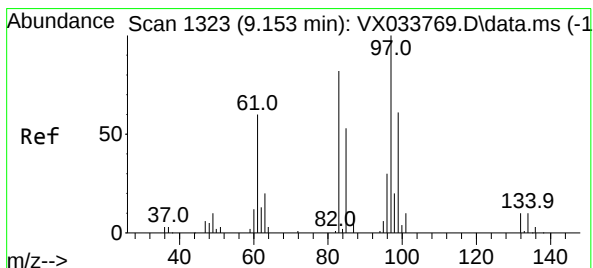
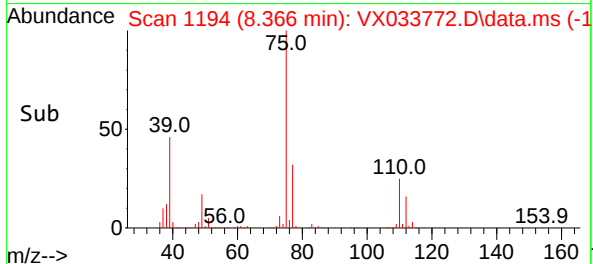
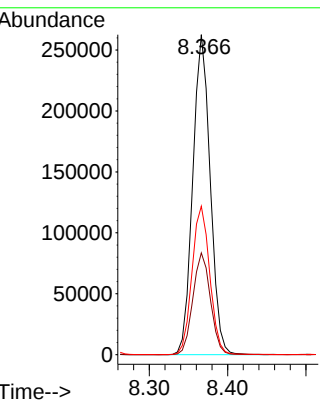
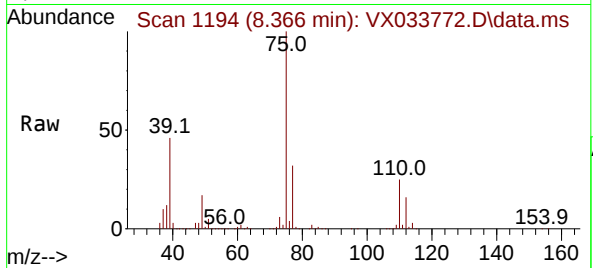
39 46.4 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 134.350 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Tgt Ion: 97 Resp: 249072

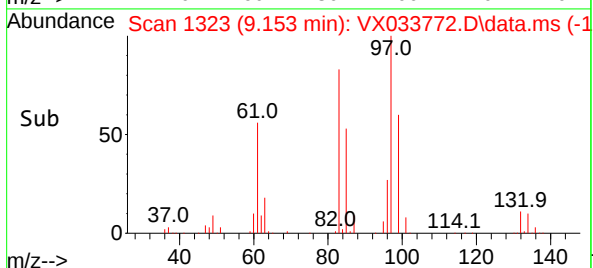
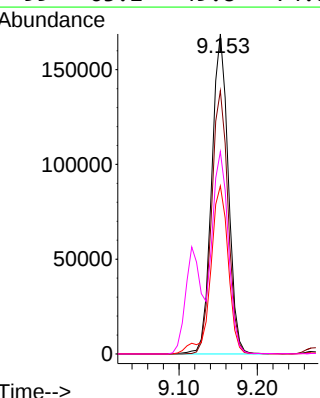
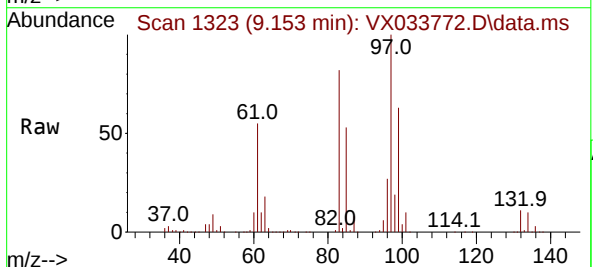
Ion Ratio Lower Upper

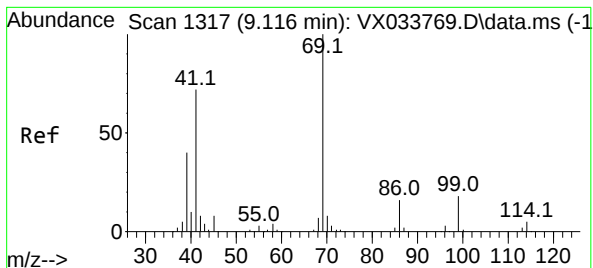
97 100

83 82.3 63.0 94.4

85 52.5 42.8 64.2

99 63.2 49.8 74.8





#51

Ethyl methacrylate

Concen: 140.200 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 69 Resp: 38758

Ion Ratio Lower Upper

69 100

41 67.1 34.3 102.9

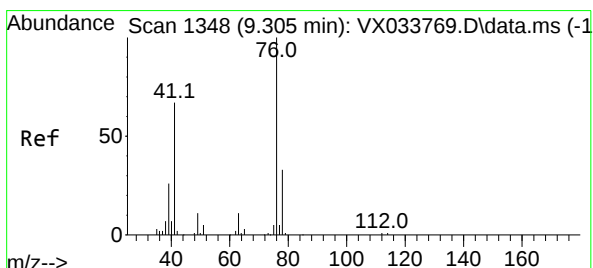
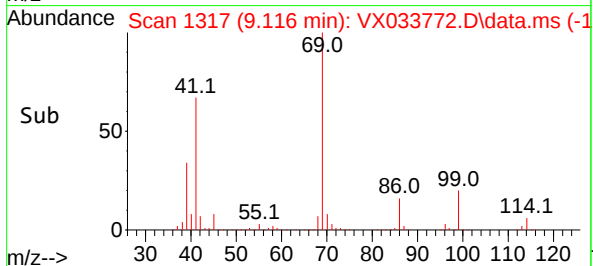
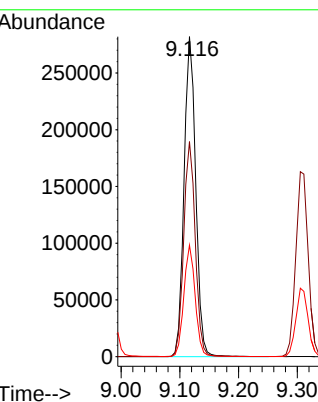
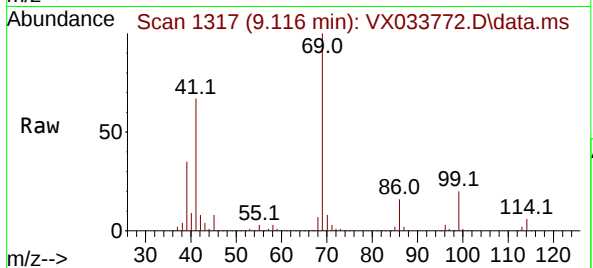
39 34.8 18.3 54.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#52

1,3-Dichloropropane

Concen: 132.463 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX033772.D

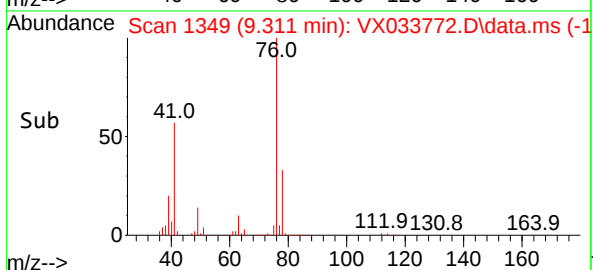
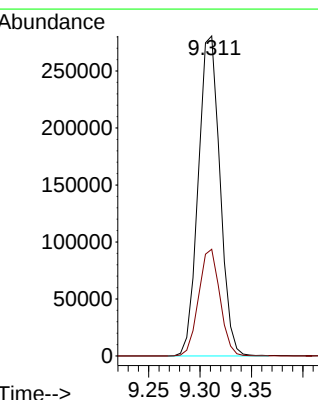
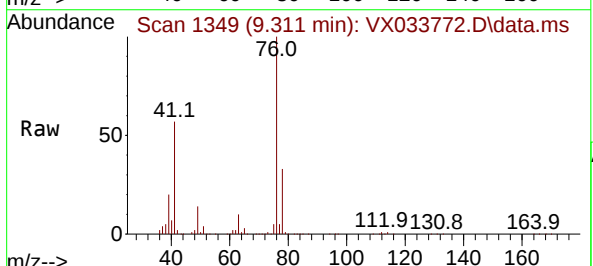
Acq: 18 Jan 2023 14:10

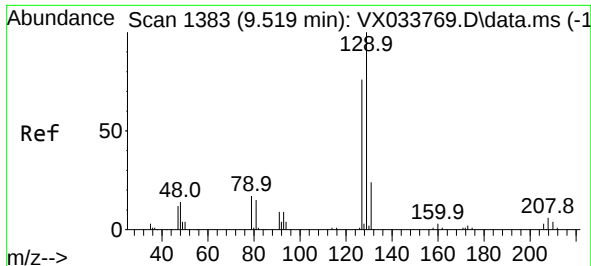
Tgt Ion: 76 Resp: 411312

Ion Ratio Lower Upper

76 100

78 32.8 0.0 64.6





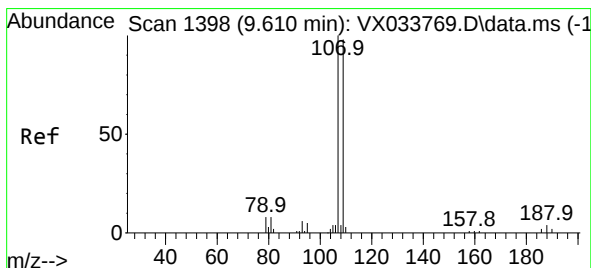
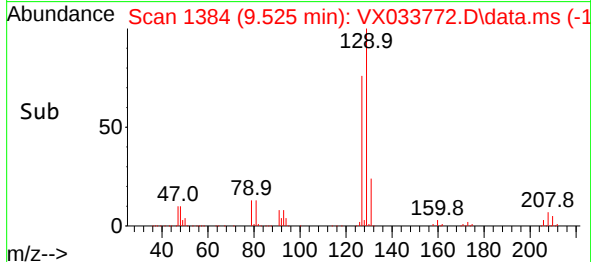
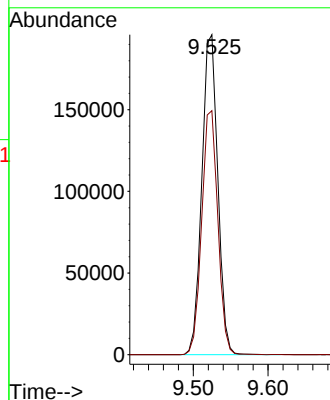
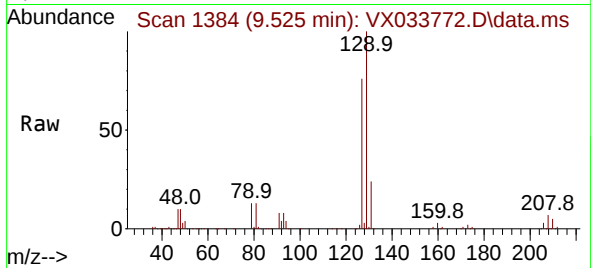
#53
Dibromochloromethane
Concen: 143.885 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 29074
Ion Ratio Lower Upper
129 100
127 77.0 39.8 119.4

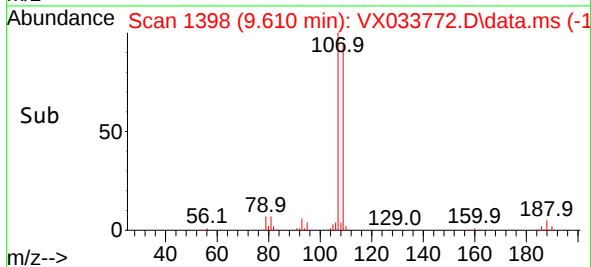
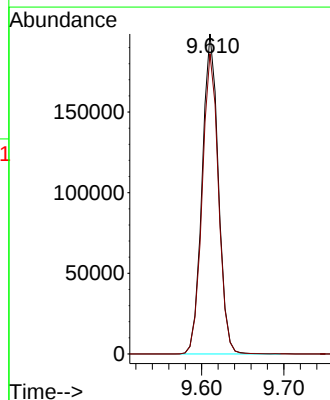
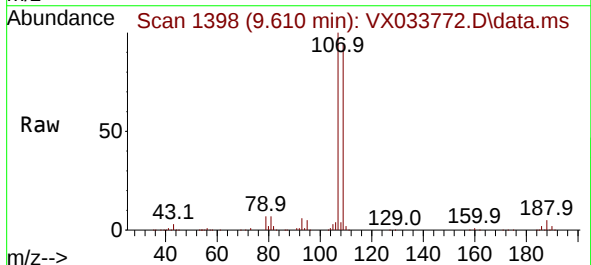
Manual Integrations
APPROVED

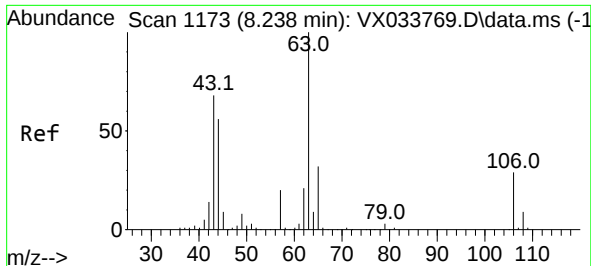
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
1,2-Dibromoethane
Concen: 136.937 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

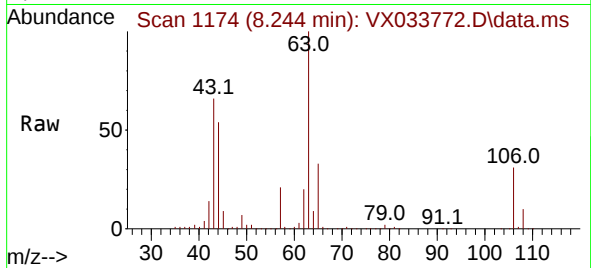
Tgt Ion:107 Resp: 271314
Ion Ratio Lower Upper
107 100
109 94.0 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 654.040 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

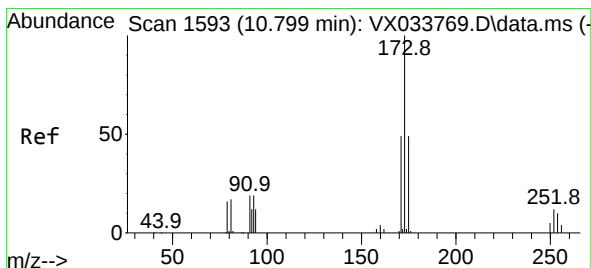
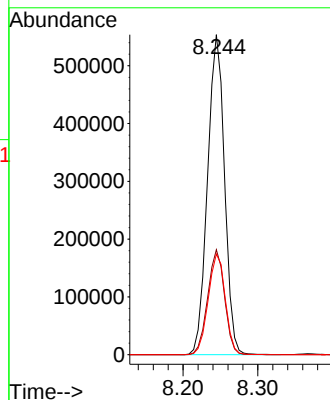
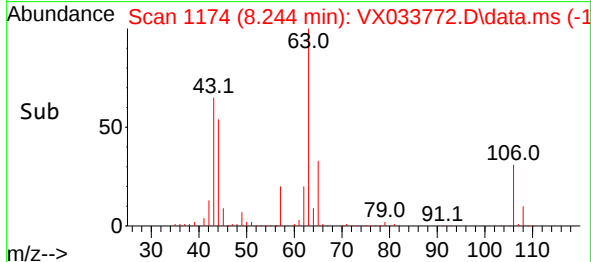
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 87409
Ion Ratio Lower Upper
63 100
65 32.5 26.2 39.4
106 31.6 24.0 36.0

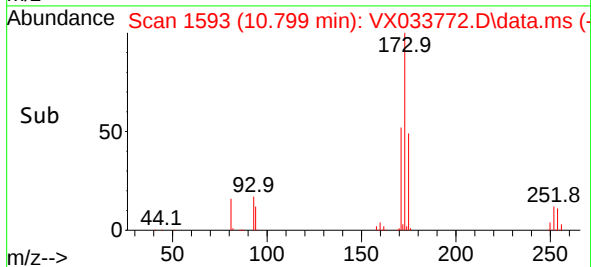
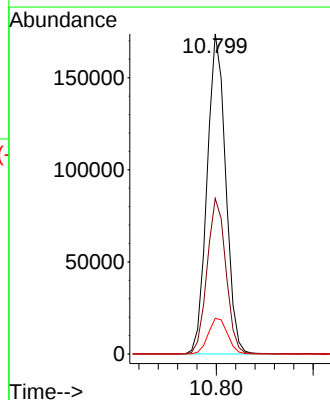
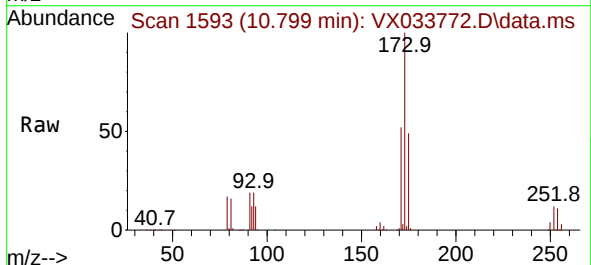
Manual Integrations
APPROVED

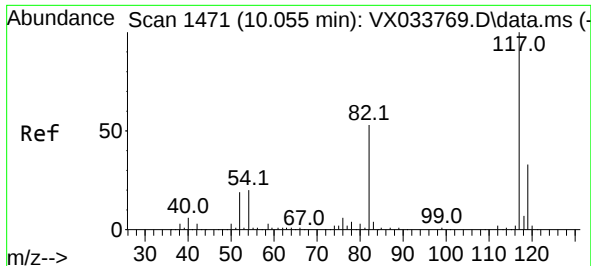
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#56
Bromoform
Concen: 149.741 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion:173 Resp: 232313
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 11.5 8.6 13.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 117 Resp: 12328

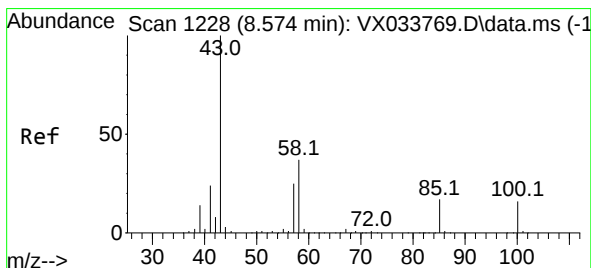
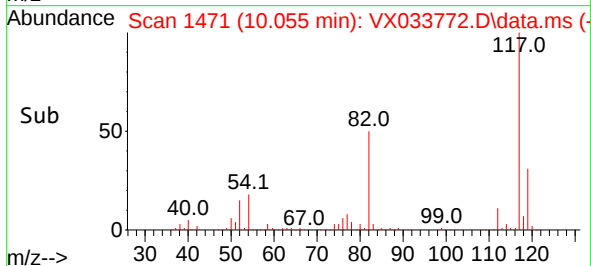
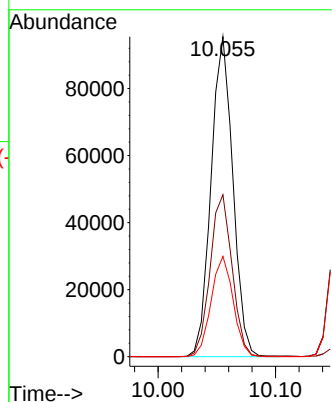
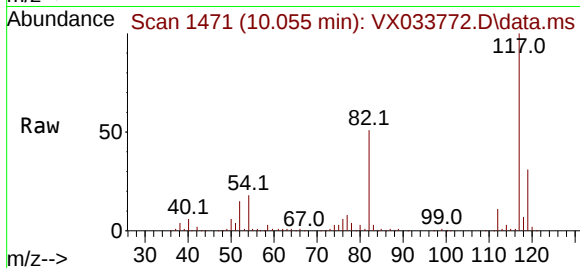
Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.9	62.9
119	31.7	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

4-Methyl-2-Pentanone

Concen: 658.063 ug/l

RT: 8.574 min Scan# 1228

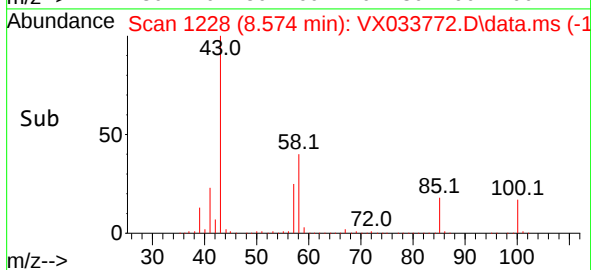
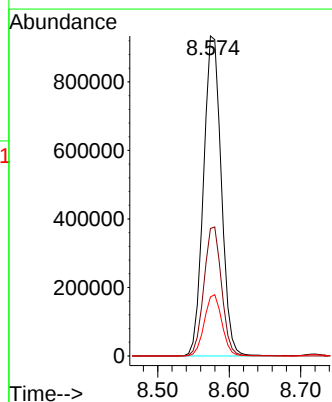
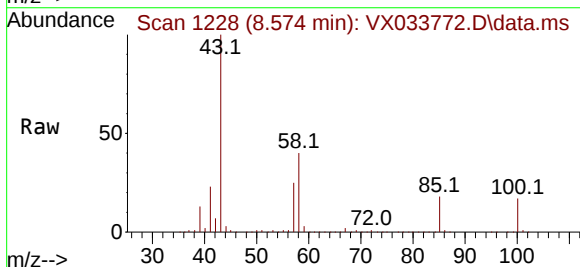
Delta R.T. 0.000 min

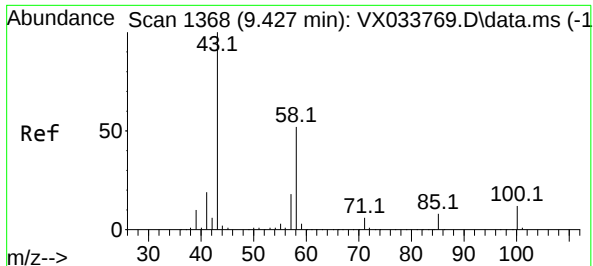
Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Tgt Ion: 43 Resp: 1611534

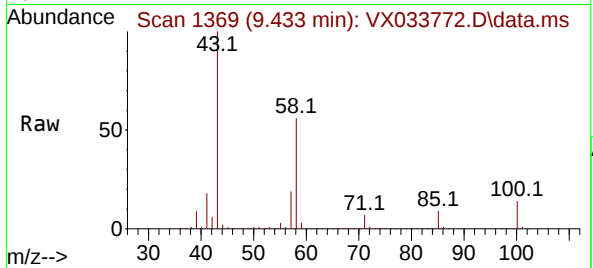
Ion	Ratio	Lower	Upper
43	100		
58	40.2	30.2	45.4
85	18.9	13.8	20.8





#59
2-Hexanone
Concen: 663.733 ug/l
RT: 9.433 min Scan# 1196238
Delta R.T. 0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

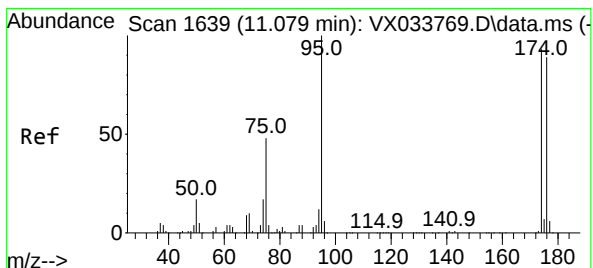
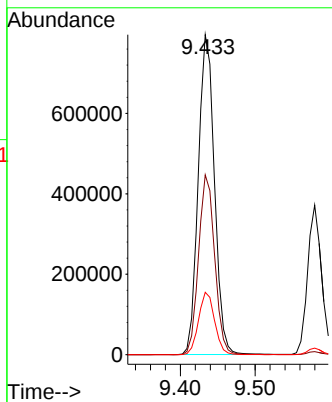
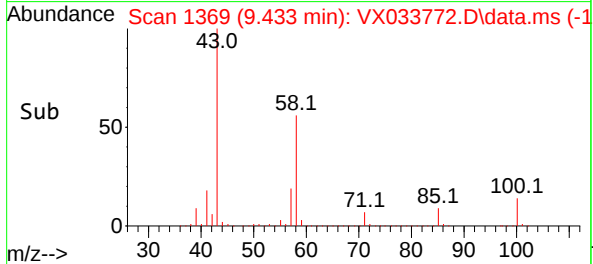
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 1196238
Ion Ratio Lower Upper
43 100
58 56.0 42.9 64.3
57 19.4 15.0 22.6

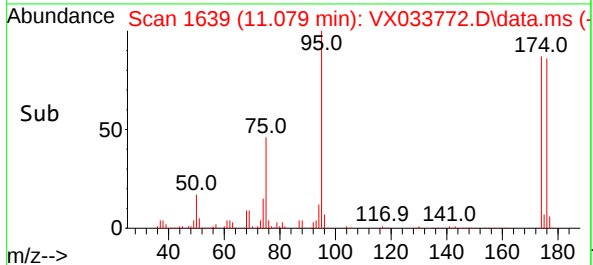
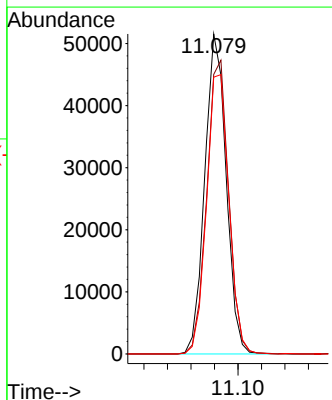
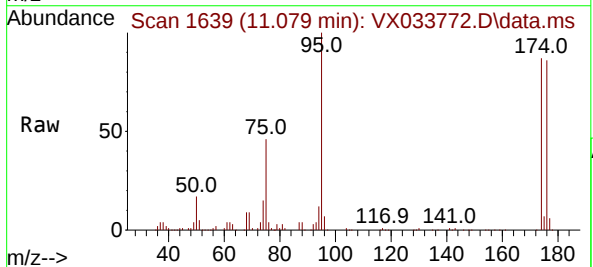
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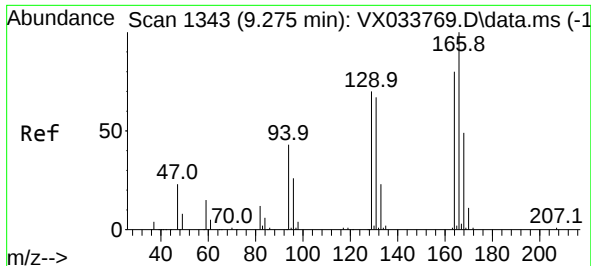
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
4-Bromofluorobenzene
Concen: 29.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

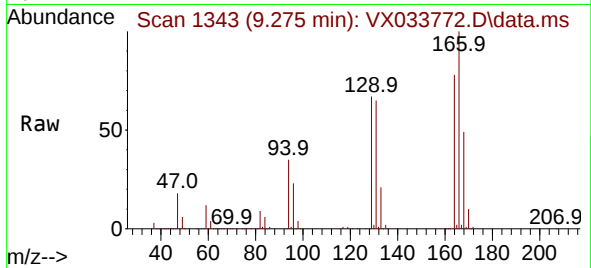
Tgt Ion: 95 Resp: 65228
Ion Ratio Lower Upper
95 100
174 94.2 73.7 110.5
176 91.2 71.0 106.4





#61
Tetrachloroethene
Concen: 140.698 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

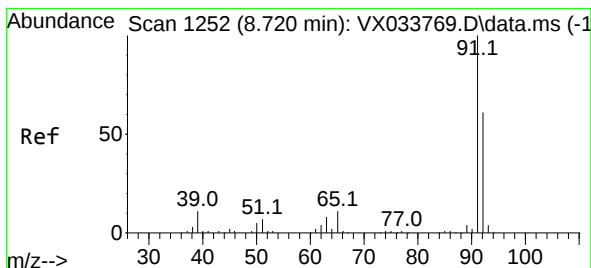
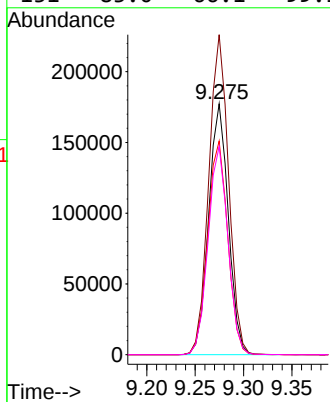
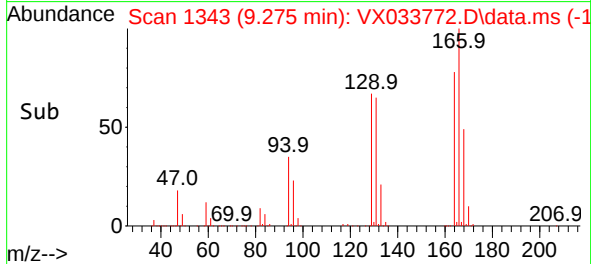
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 25026
Ion Ratio Lower Upper
164 100
166 127.6 100.2 150.4
129 85.2 68.8 103.2
131 83.0 66.1 99.1

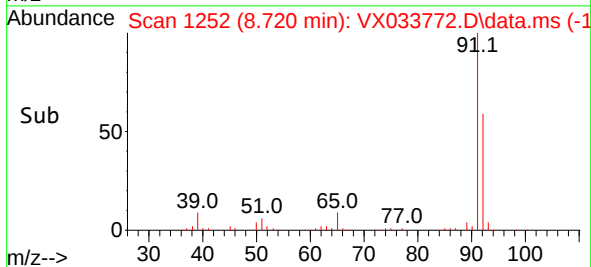
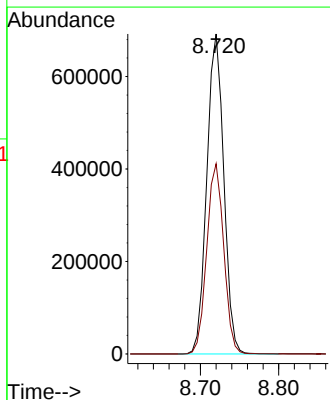
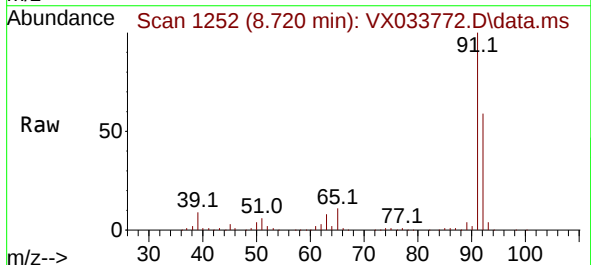
Manual Integrations
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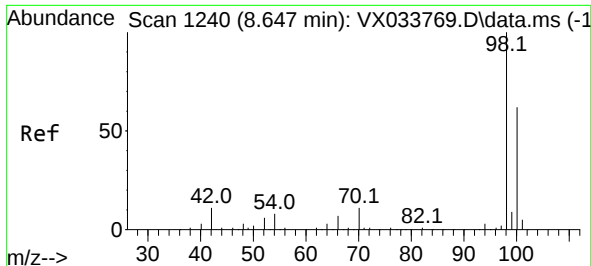
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 134.017 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

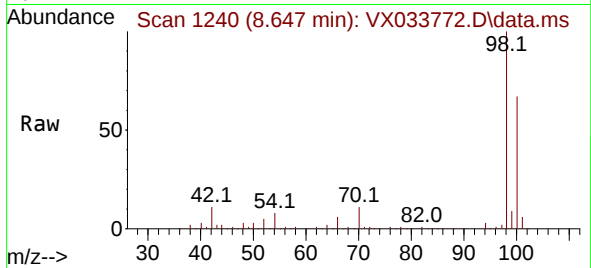
Tgt Ion: 91 Resp: 1040026
Ion Ratio Lower Upper
91 100
92 59.5 45.8 68.8





#63
Toluene-d8
Concen: 30.001 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

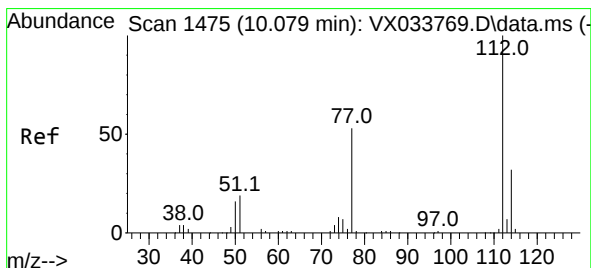
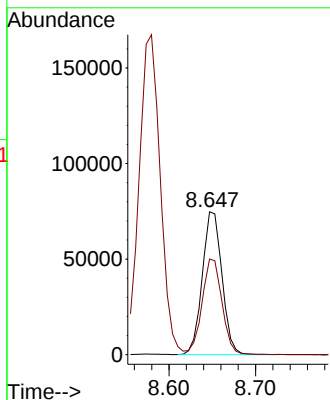
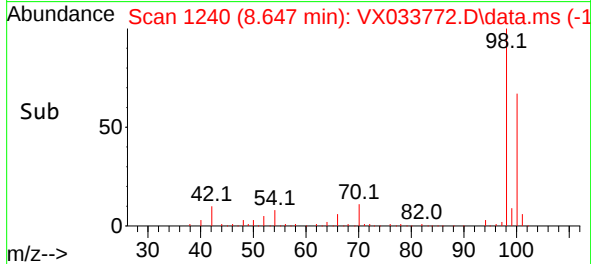
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



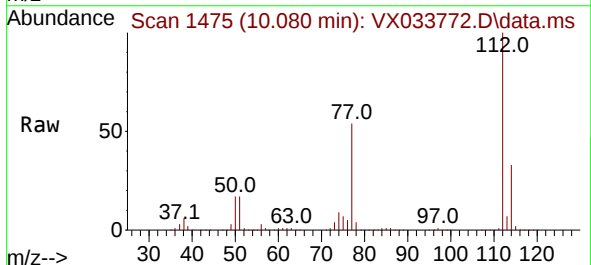
Tgt Ion: 98 Resp: 118369
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7

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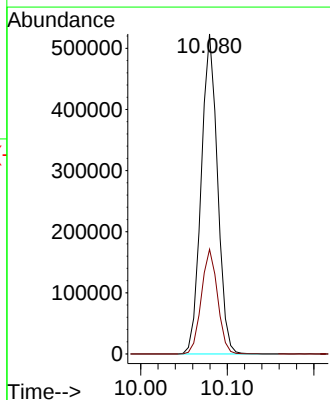
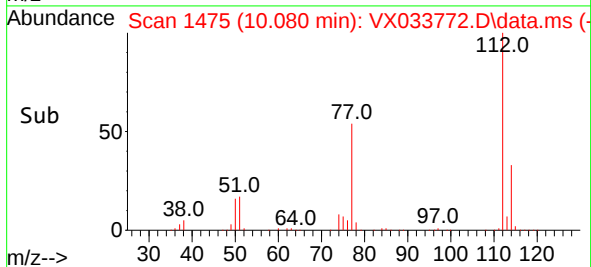
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

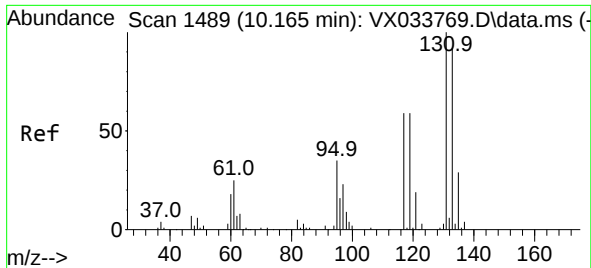


#64
Chlorobenzene
Concen: 136.832 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10



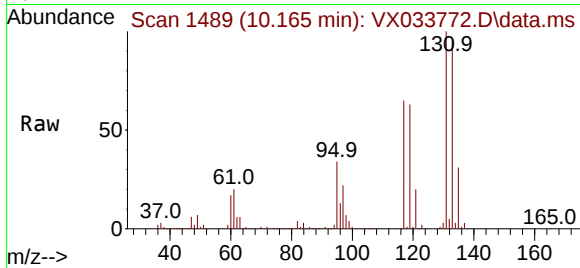
Tgt Ion:112 Resp: 683922
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 140.935 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

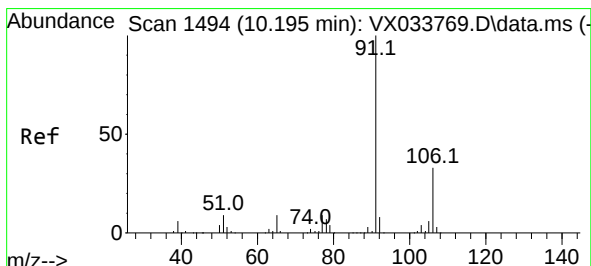
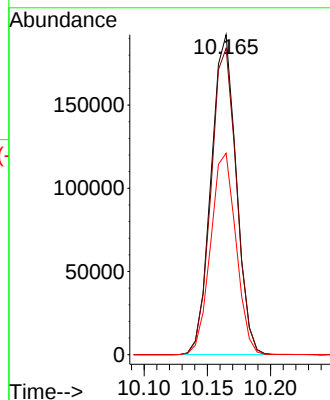
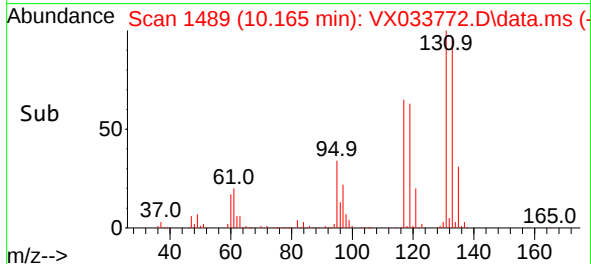
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



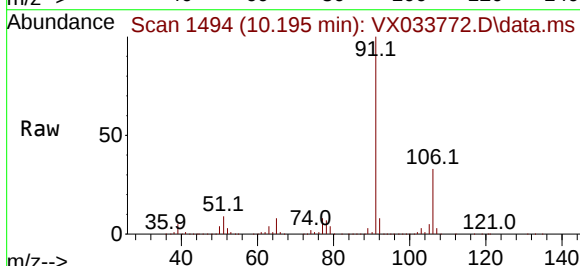
Tgt Ion:131 Resp: 26512
Ion Ratio Lower Upper
131 100
133 96.8 0.0 187.6
119 63.8 0.0 124.0

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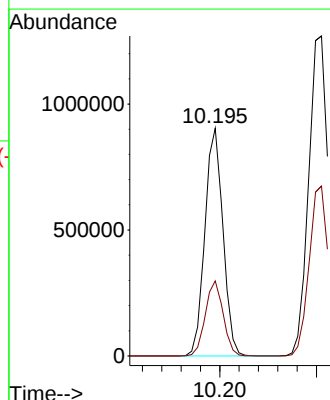
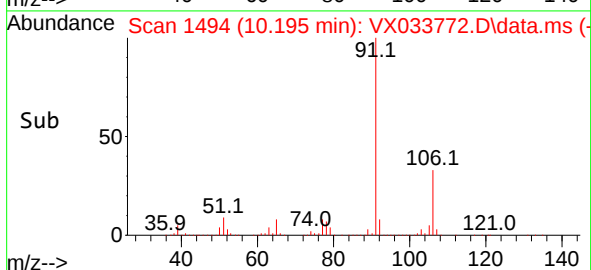
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

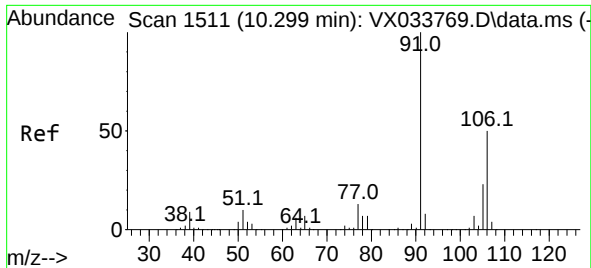


#66
Ethyl Benzene
Concen: 135.786 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10



Tgt Ion: 91 Resp: 1175136
Ion Ratio Lower Upper
91 100
106 33.0 25.2 37.8





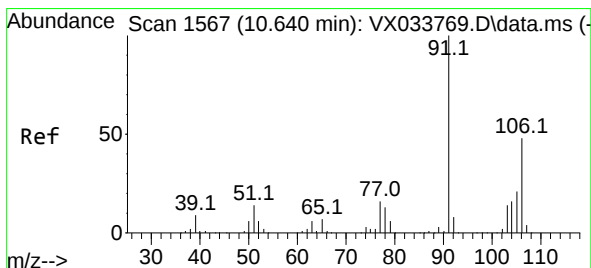
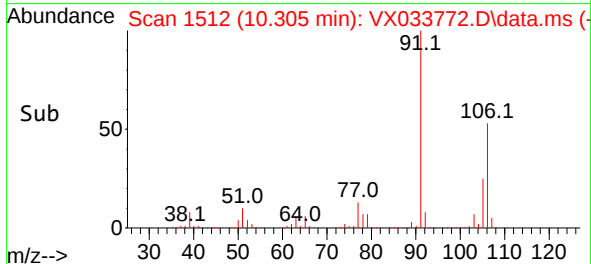
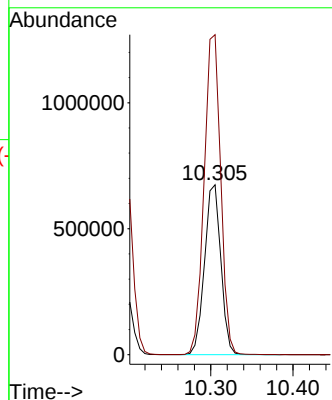
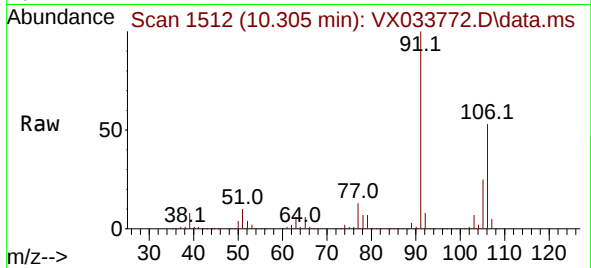
#67
m/p-Xylenes
Concen: 271.693 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 92802
Ion Ratio Lower Upper
106 100
91 191.5 157.3 235.9

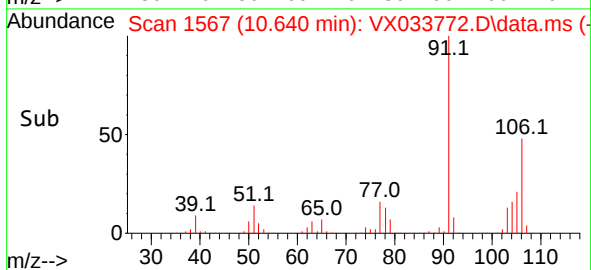
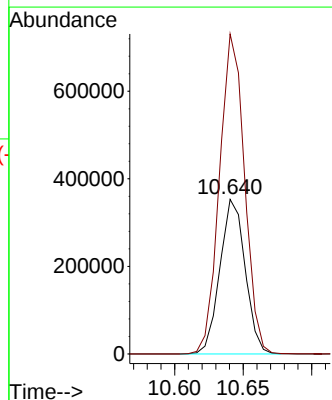
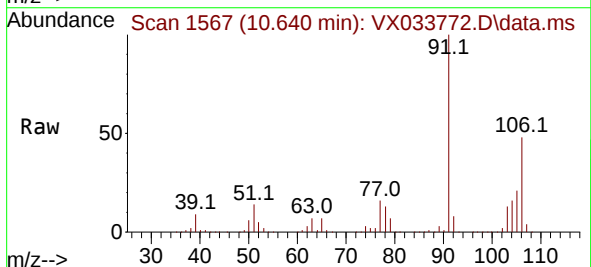
Manual Integrations
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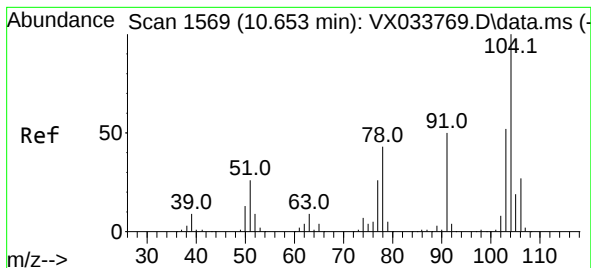
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 134.907 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion:106 Resp: 452920
Ion Ratio Lower Upper
106 100
91 205.3 104.6 313.8





#69

Styrene

Concen: 136.895 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 76066

Ion Ratio Lower Upper

104 100

78 47.3 39.3 58.9

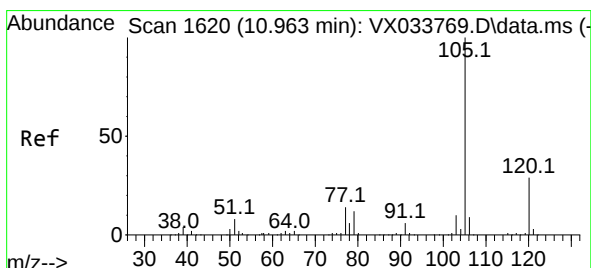
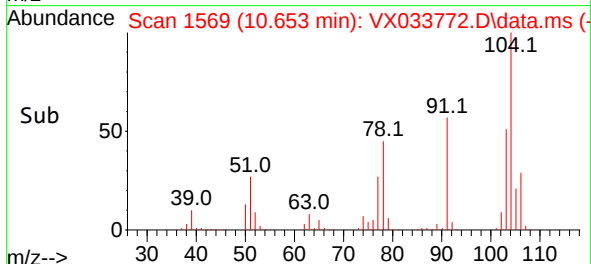
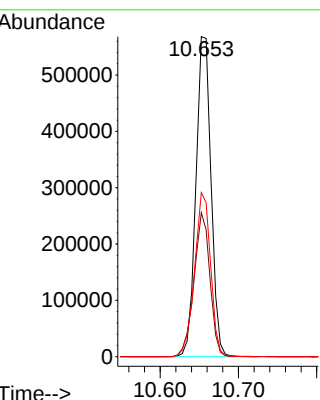
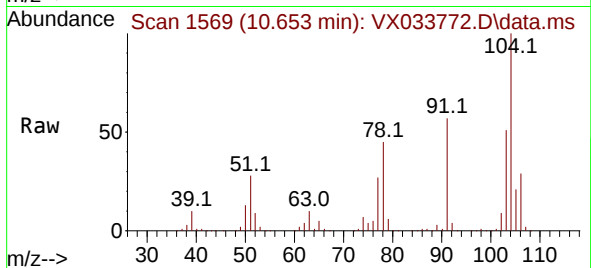
103 54.4 43.2 64.8

Manual Integrations

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Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#70

Isopropylbenzene

Concen: 133.845 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033772.D

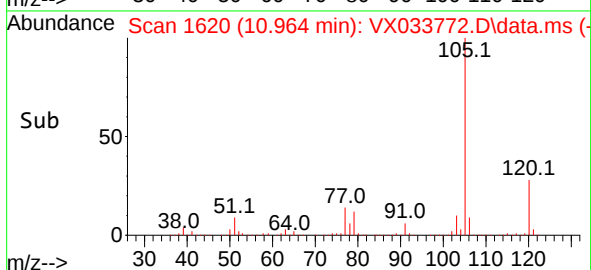
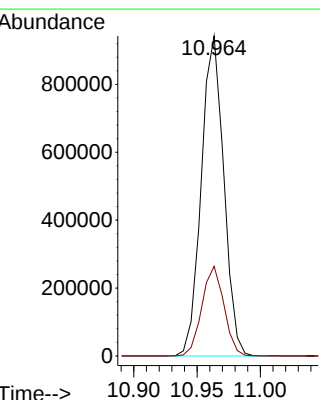
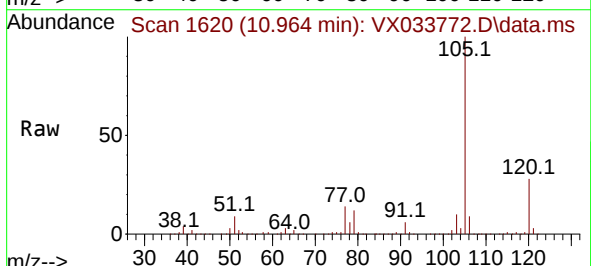
Acq: 18 Jan 2023 14:10

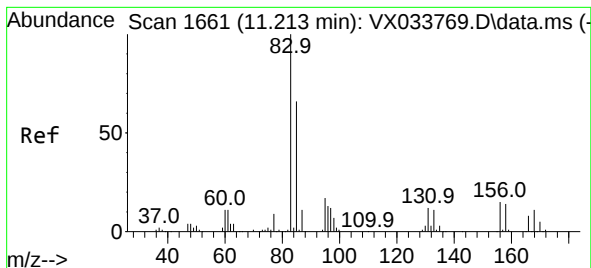
Tgt Ion:105 Resp: 1163734

Ion Ratio Lower Upper

105 100

120 27.5 18.7 34.7





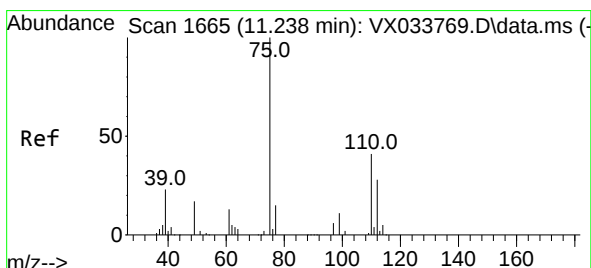
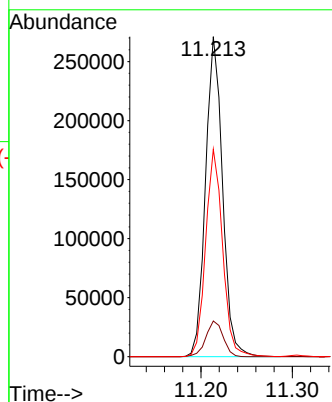
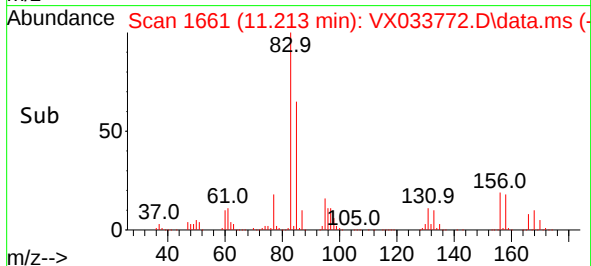
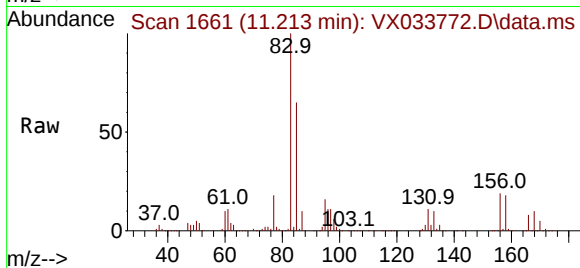
#71
1,1,2,2-Tetrachloroethane
Concen: 133.857 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 350434
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 64.7 32.4 97.0

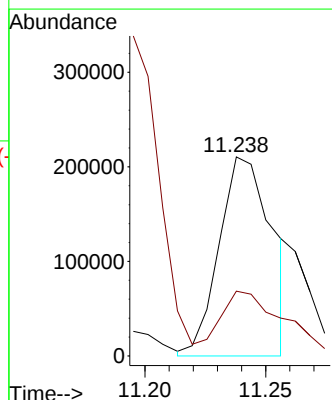
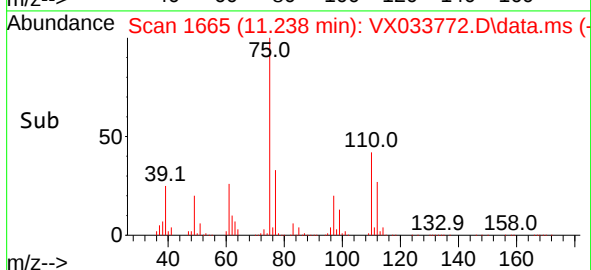
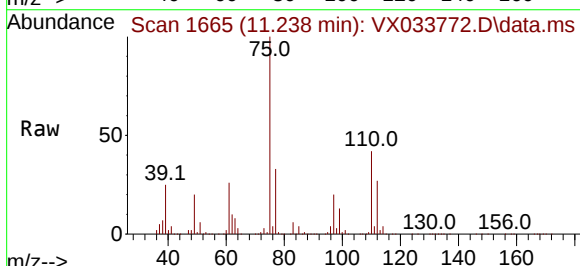
Manual Integrations
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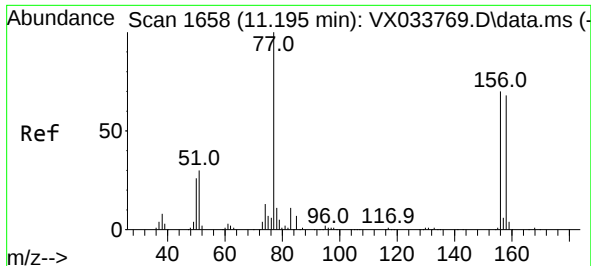
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#72
1,2,3-Trichloropropane
Concen: 134.834 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 75 Resp: 319780
Ion Ratio Lower Upper
75 100
77 39.8 0.0 74.6





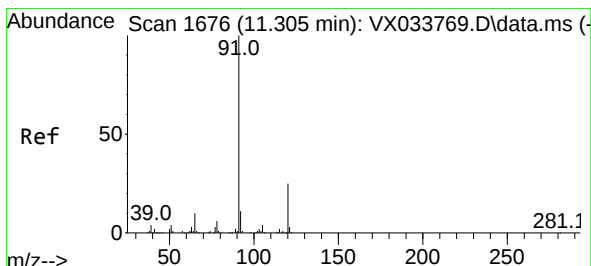
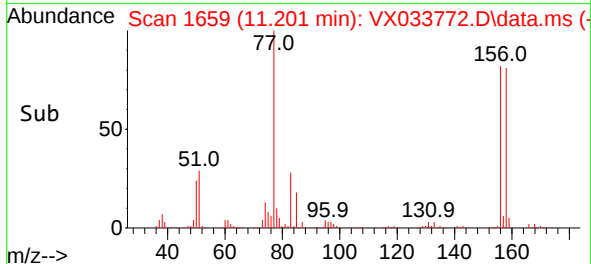
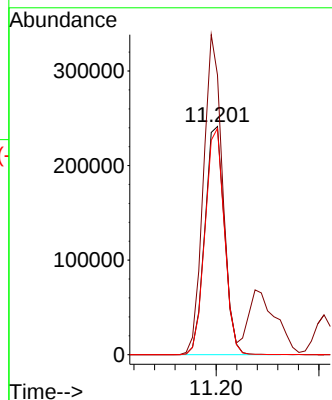
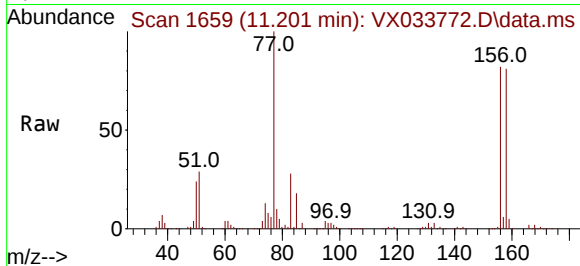
#73
Bromobenzene
Concen: 139.516 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 321030
Ion Ratio Lower Upper
156 100
77 134.6 0.0 287.2
158 97.8 0.0 196.2

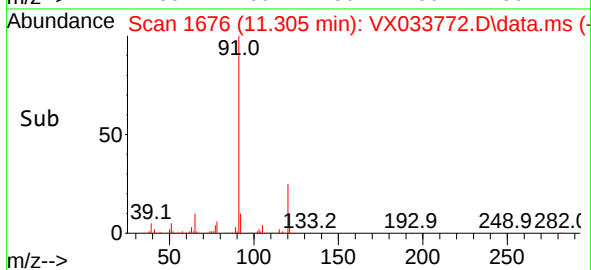
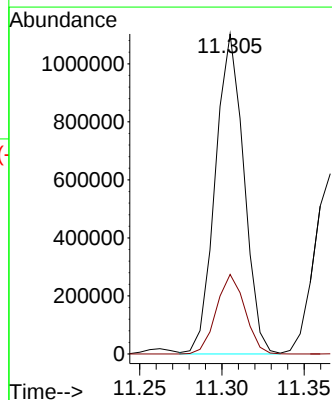
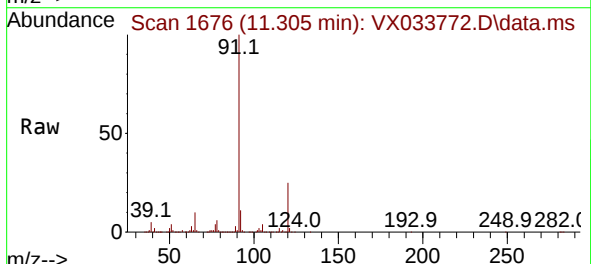
Manual Integrations
APPROVED

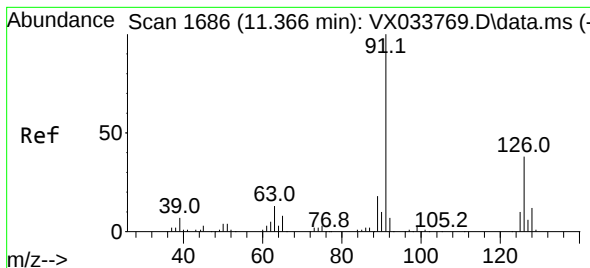
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#74
n-propylbenzene
Concen: 135.229 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 91 Resp: 1334908
Ion Ratio Lower Upper
91 100
120 24.7 0.0 48.8





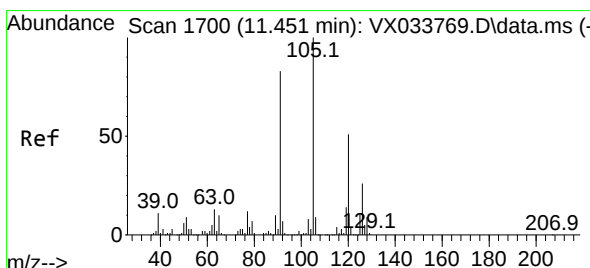
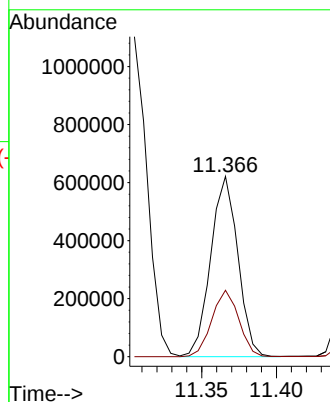
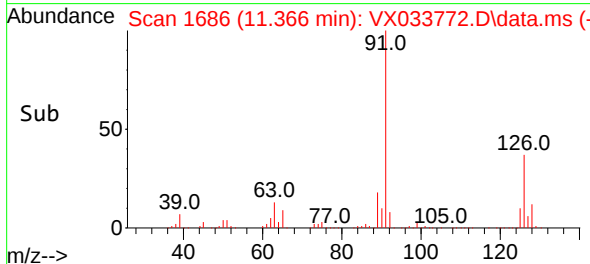
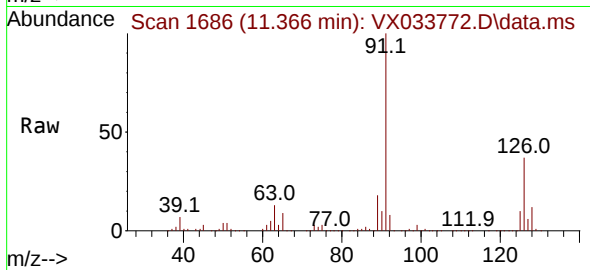
#75
2-Chlorotoluene
Concen: 133.095 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 78584
Ion Ratio Lower Upper
91 100
126 36.4 0.0 72.0

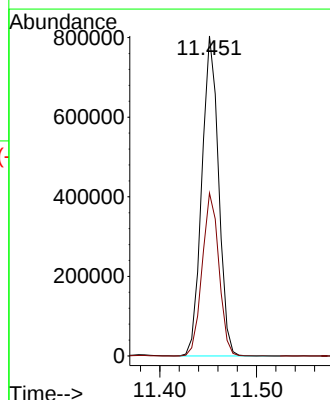
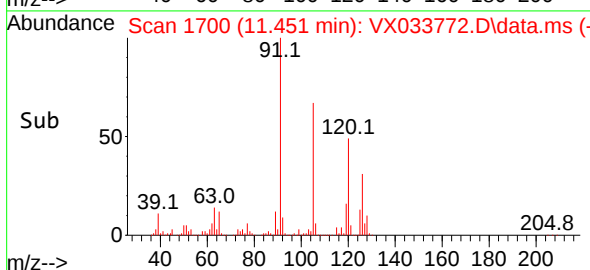
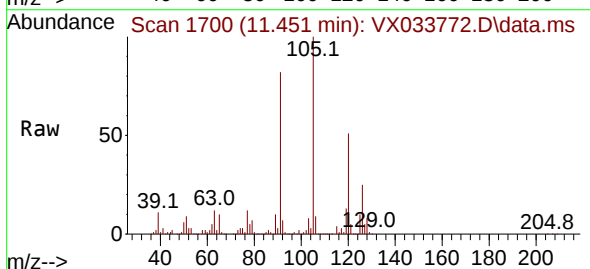
Manual Integrations
APPROVED

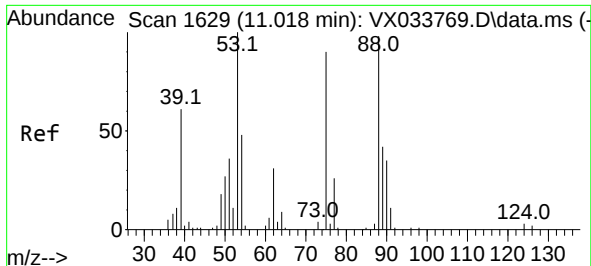
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 134.016 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

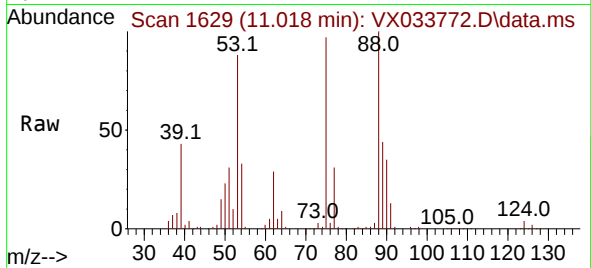
Tgt Ion:105 Resp: 967424
Ion Ratio Lower Upper
105 100
120 50.9 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 166.350 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

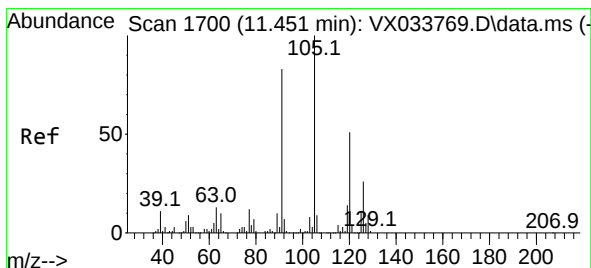
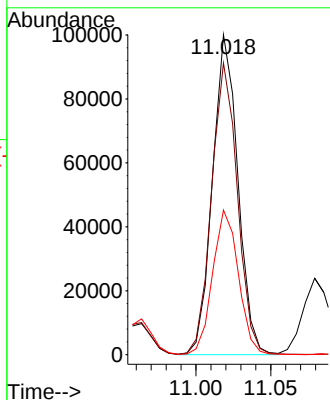
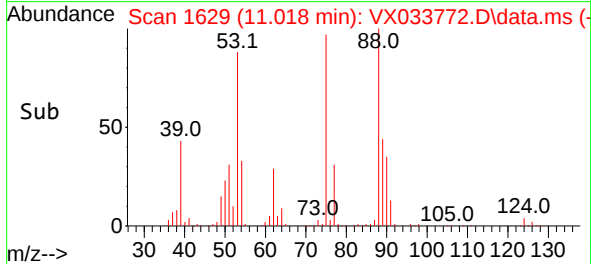
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 118032
Ion Ratio Lower Upper
75 100
53 91.1 60.2 180.6
89 45.1 23.2 69.6

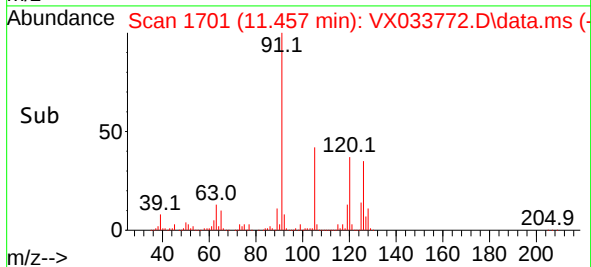
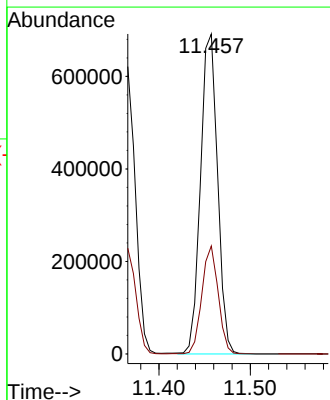
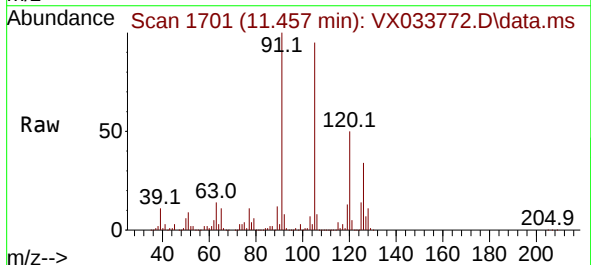
Manual Integrations
APPROVED

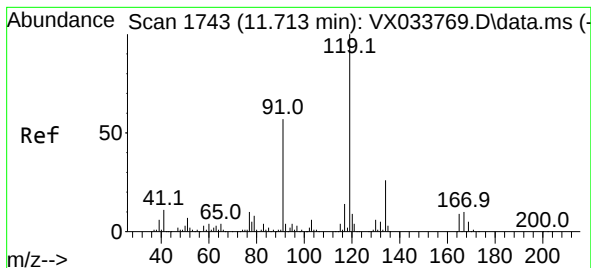
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 135.132 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 91 Resp: 894744
Ion Ratio Lower Upper
91 100
126 32.3 0.0 63.6





#79

tert-butylbenzene

Concen: 134.064 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 992534

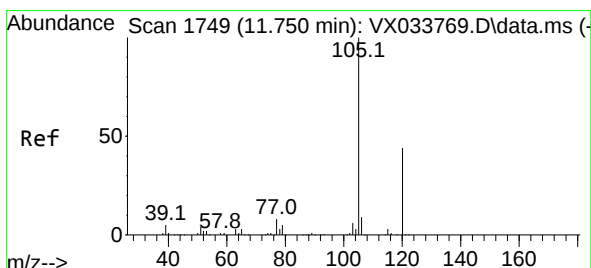
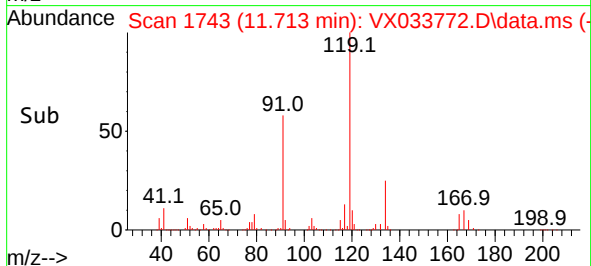
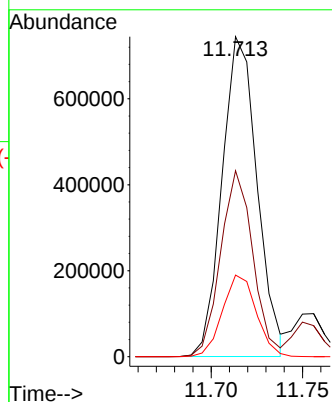
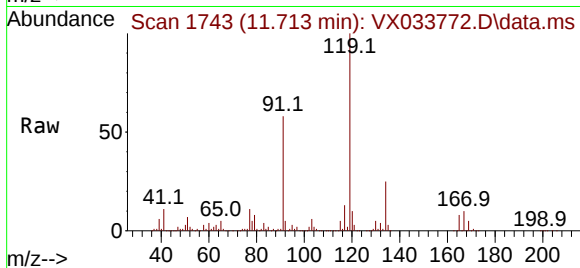
Ion	Ratio	Lower	Upper
119	100		
91	53.7	0.0	111.0
134	24.7	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#80

1,2,4-Trimethylbenzene

Concen: 134.653 ug/l

RT: 11.750 min Scan# 1749

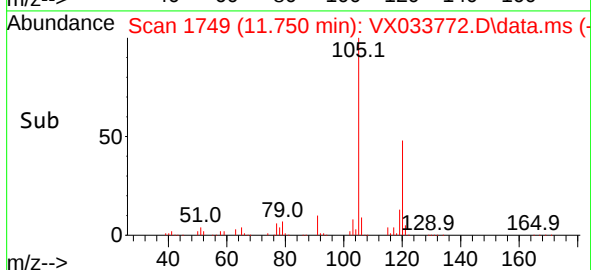
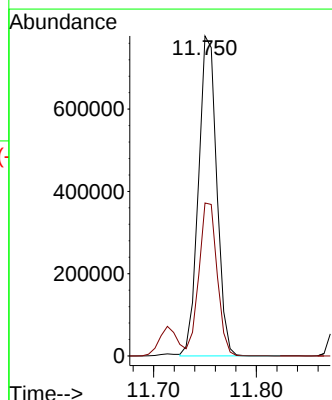
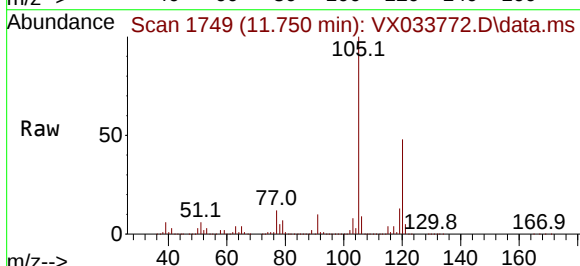
Delta R.T. 0.000 min

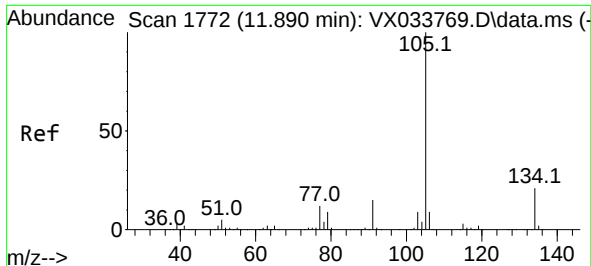
Lab File: VX033772.D

Acq: 18 Jan 2023 14:10

Tgt Ion:105 Resp: 960282

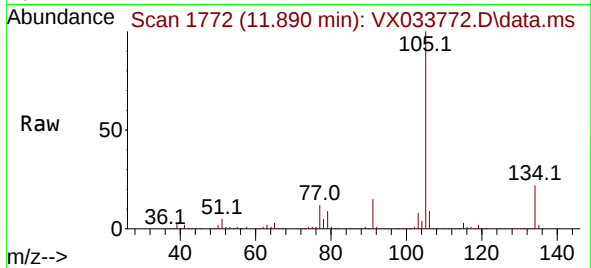
Ion	Ratio	Lower	Upper
105	100		
120	47.7	0.0	91.2





#81
 sec-Butylbenzene
 Concen: 136.776 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033772.D
 Acq: 18 Jan 2023 14:10

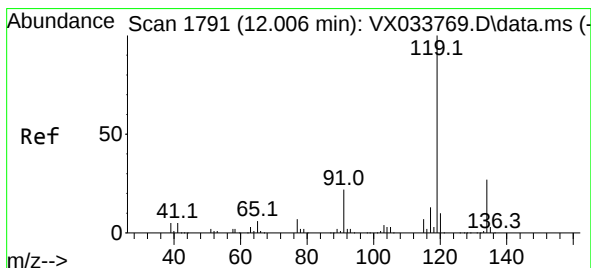
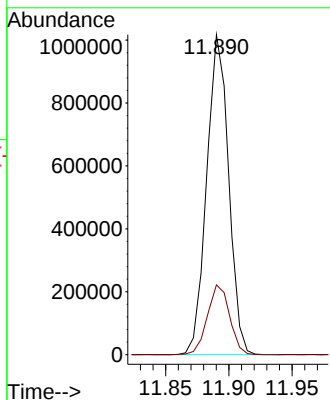
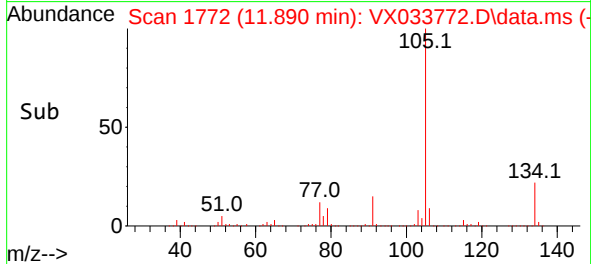
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



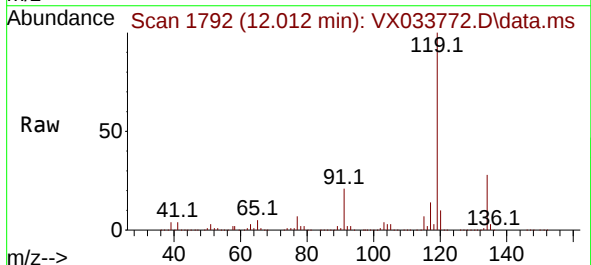
Tgt Ion:105 Resp: 122524
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 43.2

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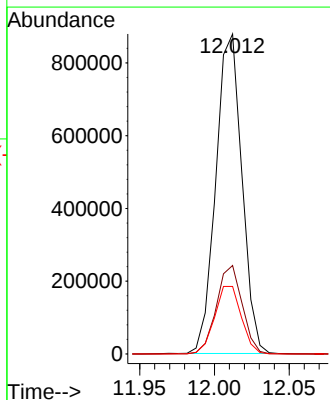
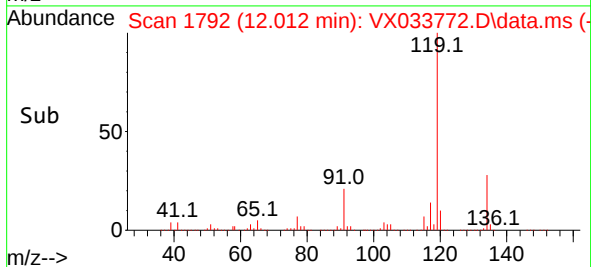
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

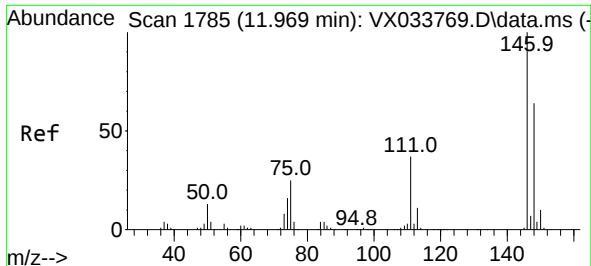


#82
 p-Isopropyltoluene
 Concen: 137.911 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033772.D
 Acq: 18 Jan 2023 14:10



Tgt Ion:119 Resp: 1065536
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 54.4
 91 21.8 0.0 45.2





#83

1,3-Dichlorobenzene

Concen: 139.838 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033772.D

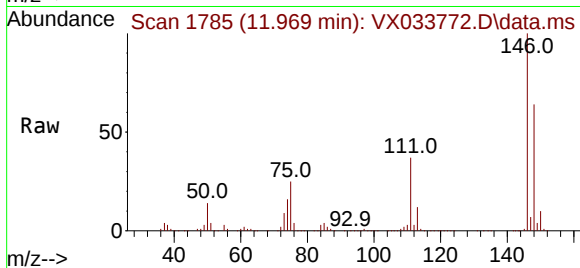
Acq: 18 Jan 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion:146 Resp: 587404

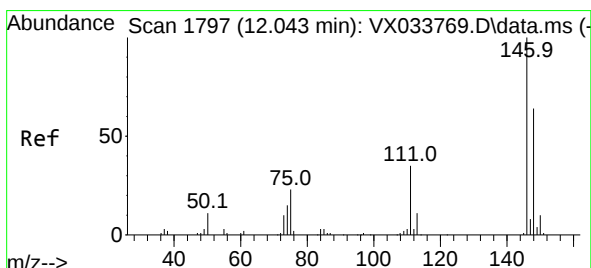
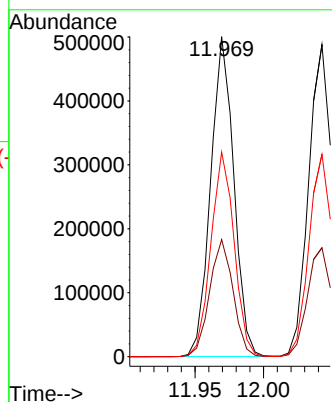
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	64.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#84

1,4-Dichlorobenzene

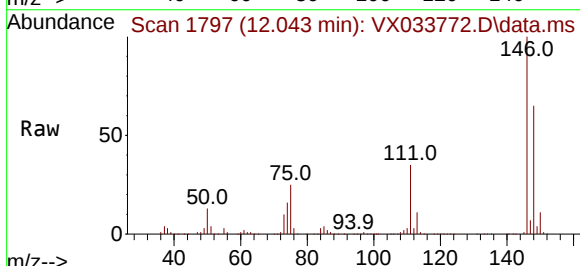
Concen: 140.975 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

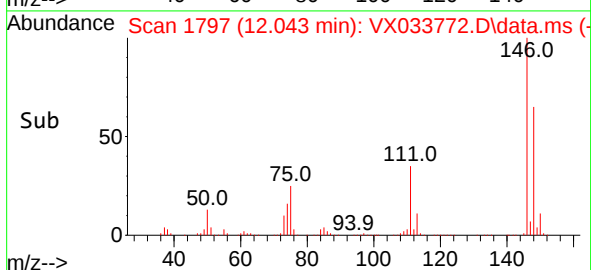
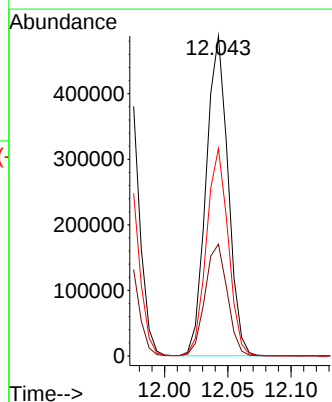
Lab File: VX033772.D

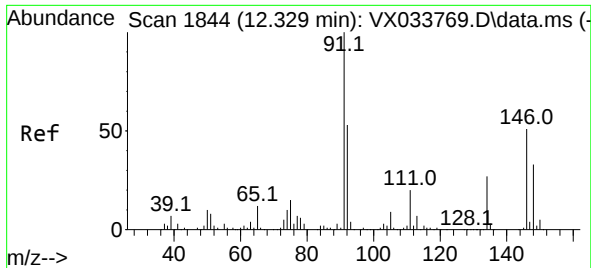
Acq: 18 Jan 2023 14:10



Tgt Ion:146 Resp: 590408

Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.3	54.9
148	64.1	31.9	95.7





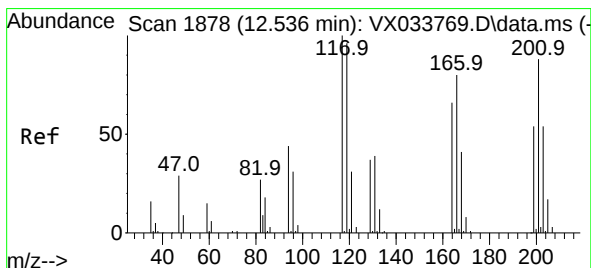
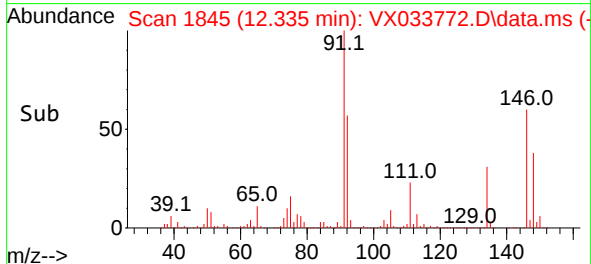
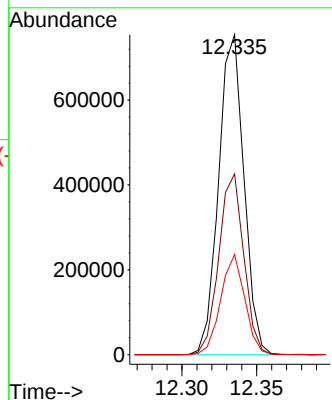
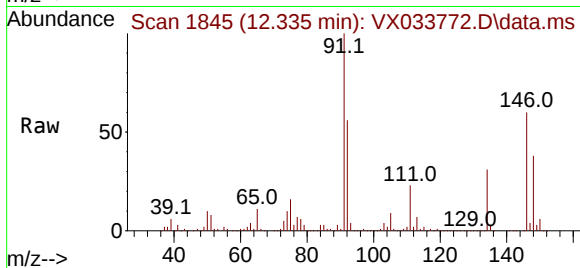
#85
n-Butylbenzene
Concen: 141.547 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 889124
Ion Ratio Lower Upper
91 100
92 55.7 0.0 108.2
134 29.8 0.0 55.4

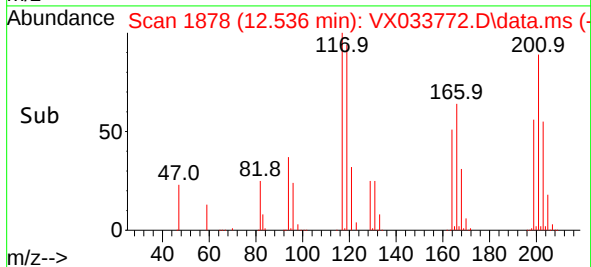
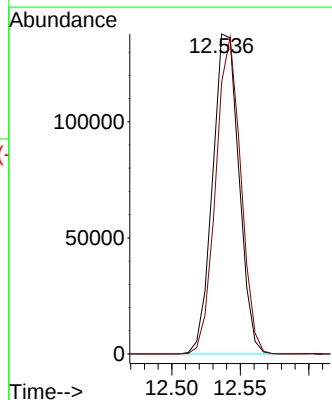
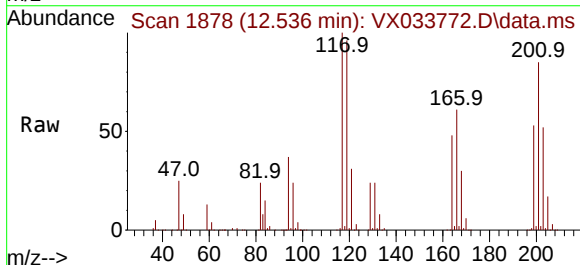
Manual Integrations
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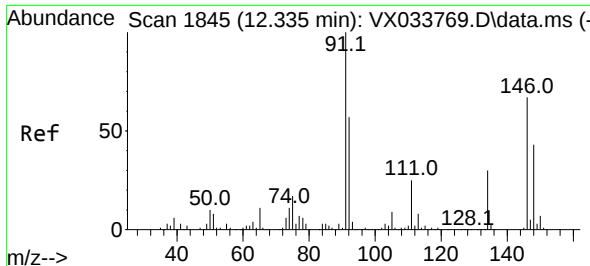
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 146.614 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

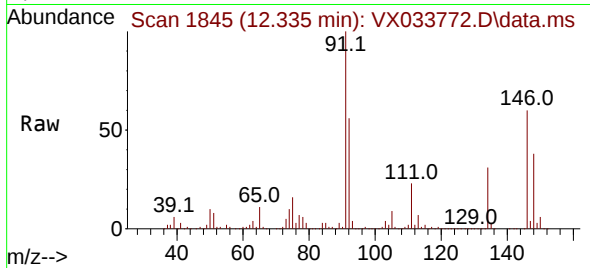
Tgt Ion:117 Resp: 184286
Ion Ratio Lower Upper
117 100
201 94.1 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 137.874 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

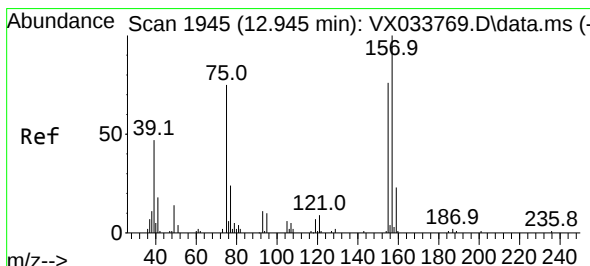
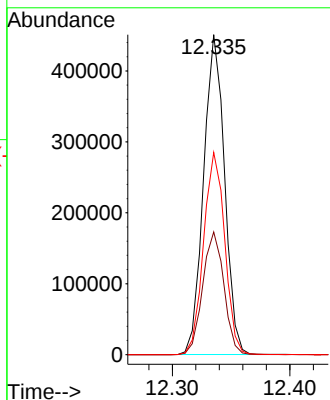
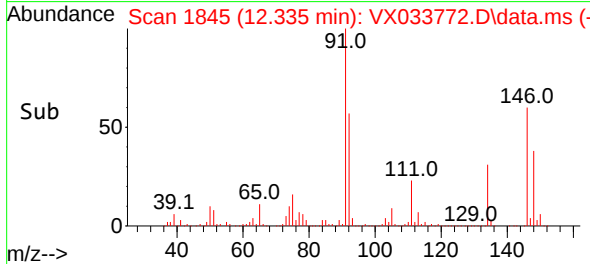
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 55789
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 63.8 31.9 95.9

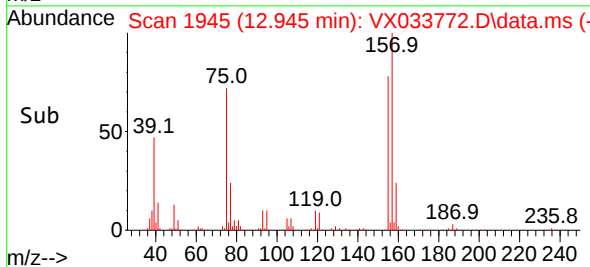
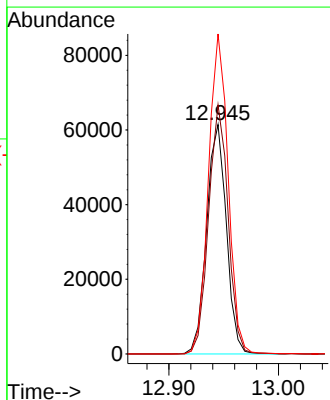
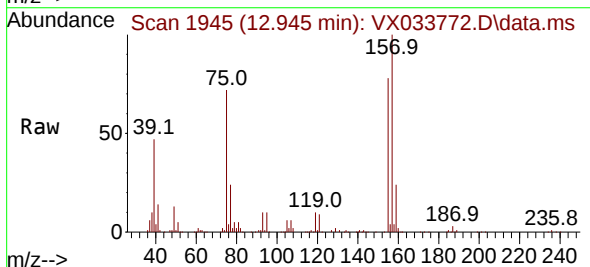
Manual Integrations
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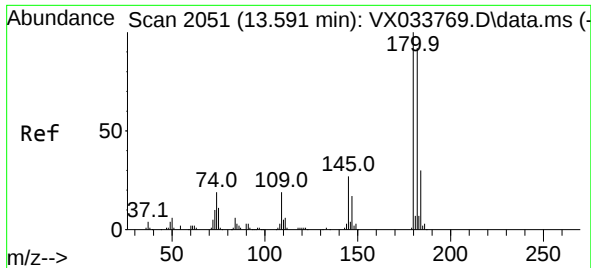
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 141.467 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Tgt Ion: 75 Resp: 76890
Ion Ratio Lower Upper
75 100
155 107.6 77.6 116.4
157 138.8 98.0 147.0





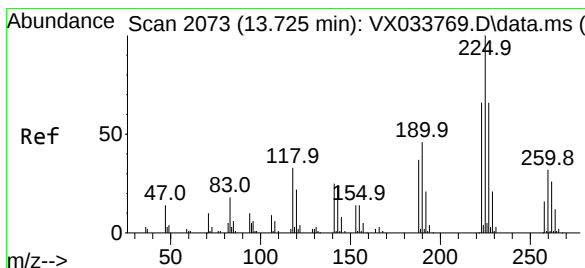
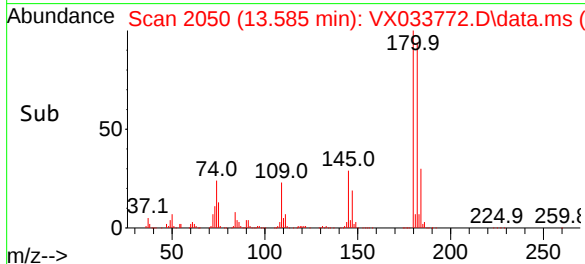
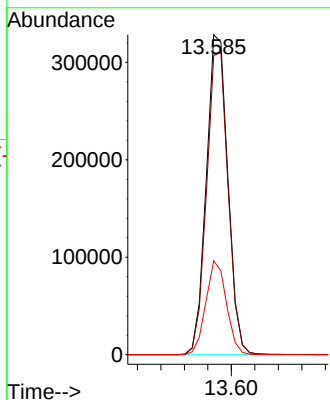
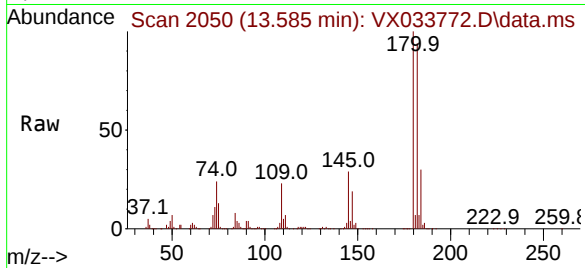
#89
1,2,4-Trichlorobenzene
Concen: 150.306 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:180 Resp: 418290
Ion Ratio Lower Upper
180 100
182 94.5 76.7 115.1
145 28.1 21.8 32.6

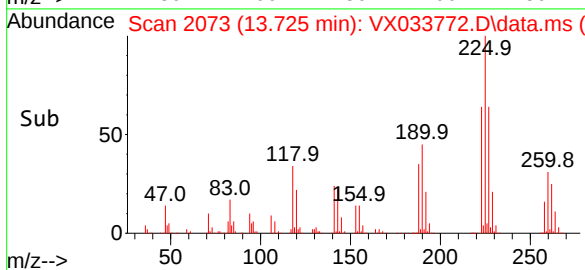
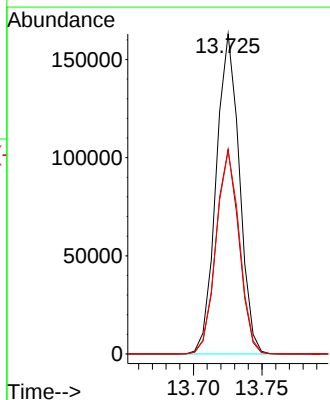
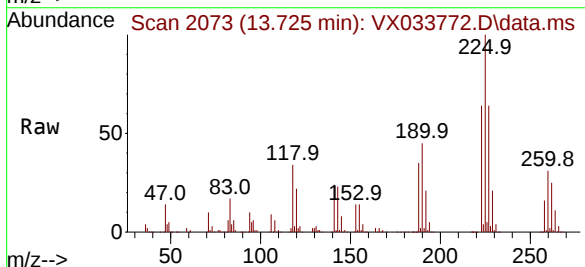
Manual Integrations
APPROVED

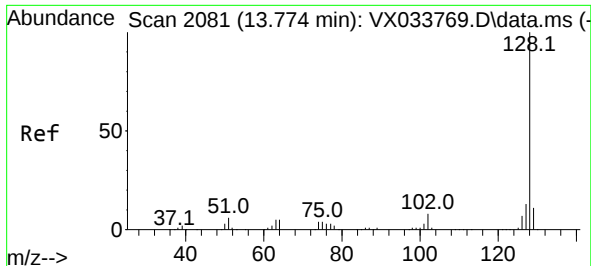
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#90
Hexachlorobutadiene
Concen: 143.745 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

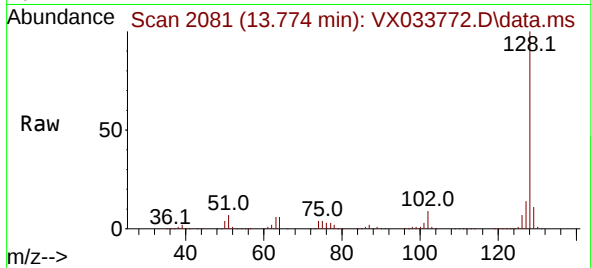
Tgt Ion:225 Resp: 191812
Ion Ratio Lower Upper
225 100
223 63.0 0.0 127.0
227 63.9 0.0 123.0





#91
Naphthalene
Concen: 148.384 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10

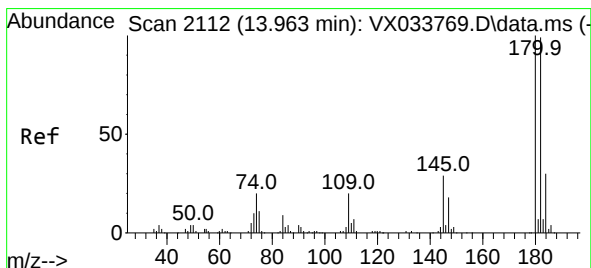
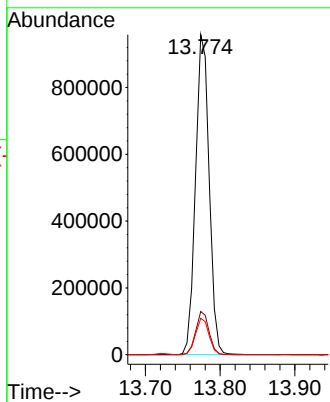
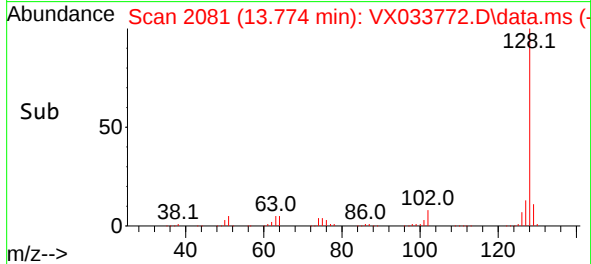
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



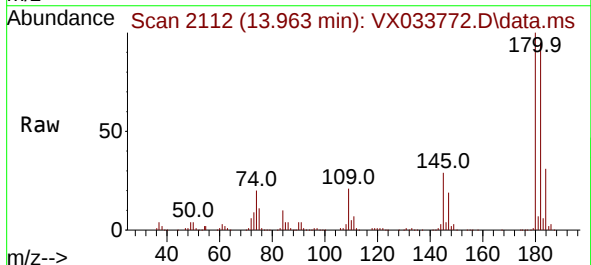
Tgt Ion:128 Resp: 1212590
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 148.345 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033772.D
Acq: 18 Jan 2023 14:10



Tgt Ion:180 Resp: 414221
Ion Ratio Lower Upper
180 100
182 95.4 0.0 191.2
145 30.1 0.0 60.4

