

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076539.D
 Acq On : 06 Feb 2023 13:10
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 00:55:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	552314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	930918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	824401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	355411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	67692	7.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	14.480%#		
35) Dibromofluoromethane	8.171	113	59711	7.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	14.860%#		
50) Toluene-d8	10.571	98	223466	7.869	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.740%#		
62) 4-Bromofluorobenzene	12.853	95	72508	7.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	15.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	65628	10.265	ug/l	99
3) Chloromethane	2.371	50	56264	10.023	ug/l	95
4) Vinyl Chloride	2.530	62	46247	9.962	ug/l	100
5) Bromomethane	2.965	94	35192	8.847	ug/l	100
6) Chloroethane	3.130	64	29951	10.328	ug/l	98
7) Trichlorofluoromethane	3.512	101	105093	10.405	ug/l	97
8) Diethyl Ether	3.977	74	35255	9.599	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	58405	9.920	ug/l	98
10) Methyl Iodide	4.601	142	83446	9.880	ug/l	97
11) Tert butyl alcohol	5.542	59	43104	46.369	ug/l	99
12) 1,1-Dichloroethene	4.353	96	55145	9.864	ug/l	96
13) Acrolein	4.195	56	59732	46.908	ug/l	99
14) Allyl chloride	5.042	41	72129	9.866	ug/l	97
15) Acrylonitrile	5.736	53	127077	48.818	ug/l	98
16) Acetone	4.448	43	107013	46.651	ug/l	98
17) Carbon Disulfide	4.730	76	136439	9.603	ug/l	99
18) Methyl Acetate	5.042	43	69620	9.906	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	177347	9.763	ug/l	98
20) Methylene Chloride	5.289	84	62353	9.381	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	57161	9.705	ug/l	93
22) Diisopropyl ether	6.683	45	161261	9.902	ug/l #	98
23) Vinyl Acetate	6.618	43	489057	46.594	ug/l	98
24) 1,1-Dichloroethane	6.583	63	101309	9.799	ug/l	99
25) 2-Butanone	7.494	43	156411	48.116	ug/l	96
26) 2,2-Dichloropropane	7.500	77	83899	9.629	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	66760	9.681	ug/l	99
28) Bromochloromethane	7.830	49	41140	9.610	ug/l	97
29) Tetrahydrofuran	7.847	42	98880	47.802	ug/l	99
30) Chloroform	7.977	83	111217	9.799	ug/l	100
31) Cyclohexane	8.265	56	102582	8.322	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	96838	9.570	ug/l	95
36) 1,1-Dichloropropene	8.377	75	79991	9.718	ug/l	99
37) Ethyl Acetate	7.571	43	62205	9.474	ug/l	97
38) Carbon Tetrachloride	8.371	117	86697	9.667	ug/l	99
39) Methylcyclohexane	9.606	83	96443	9.659	ug/l	98
40) Benzene	8.612	78	244392	9.752	ug/l	99

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Quant Title : SW846 8260

QLast Update : Tue Feb 07 00:55:15 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	34422	9.817	ug/l	94
42) 1,2-Dichloroethane	8.677	62	82835	9.947	ug/l	100
43) Isopropyl Acetate	8.694	43	100746	9.435	ug/l	99
44) Trichloroethene	9.353	130	65470	9.772	ug/l	93
45) 1,2-Dichloropropane	9.630	63	58761	9.665	ug/l	98
46) Dibromomethane	9.712	93	41882	9.606	ug/l	97
47) Bromodichloromethane	9.894	83	86022	9.859	ug/l	94
48) Methyl methacrylate	9.688	41	49671	9.739	ug/l	97
49) 1,4-Dioxane	9.700	88	22874	190.392	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	308841	48.262	ug/l	100
52) Toluene	10.635	92	157508	9.848	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	79577	9.423	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	92386	9.696	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	60534	9.669	ug/l	98
56) Ethyl methacrylate	10.877	69	79393	9.448	ug/l	94
57) 1,3-Dichloropropane	11.165	76	100771	9.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	118622	45.665	ug/l	100
59) 2-Hexanone	11.200	43	222368	47.829	ug/l	96
60) Dibromochloromethane	11.359	129	62859	9.449	ug/l	98
61) 1,2-Dibromoethane	11.471	107	58371	9.334	ug/l	97
64) Tetrachloroethene	11.106	164	67248	9.663	ug/l	96
65) Chlorobenzene	11.894	112	161162	9.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	60306	9.652	ug/l	97
67) Ethyl Benzene	11.965	91	284860	9.492	ug/l	99
68) m/p-Xylenes	12.071	106	225840	19.404	ug/l	99
69) o-Xylene	12.400	106	111137	9.716	ug/l	99
70) Styrene	12.412	104	174596	9.598	ug/l	99
71) Bromoform	12.582	173	41969	9.413	ug/l #	99
73) Isopropylbenzene	12.700	105	283528	10.008	ug/l	99
74) N-amyl acetate	12.494	43	77443	9.379	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	80880	9.851	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	64355m	8.346	ug/l	
77) Bromobenzene	12.982	156	64938	9.743	ug/l	99
78) n-propylbenzene	13.041	91	313682	9.951	ug/l	99
79) 2-Chlorotoluene	13.129	91	197757	9.883	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	242826	10.111	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	19837	9.125	ug/l #	86
82) 4-Chlorotoluene	13.129	91	197757	9.883	ug/l	100
83) tert-Butylbenzene	13.441	119	215346	10.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	238257	10.001	ug/l	99
85) sec-Butylbenzene	13.618	105	282673	9.820	ug/l	100
86) p-Isopropyltoluene	13.729	119	233063	9.942	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	117883	9.547	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	114447	9.189	ug/l	96
89) n-Butylbenzene	14.059	91	172096	9.254	ug/l	99
90) Hexachloroethane	14.335	117	39946	9.980	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	115925	9.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12893	9.110	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	45419	8.506	ug/l	95
94) Hexachlorobutadiene	15.506	225	28007	9.135	ug/l	96
95) Naphthalene	15.647	128	134135	8.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46268	9.013	ug/l	97

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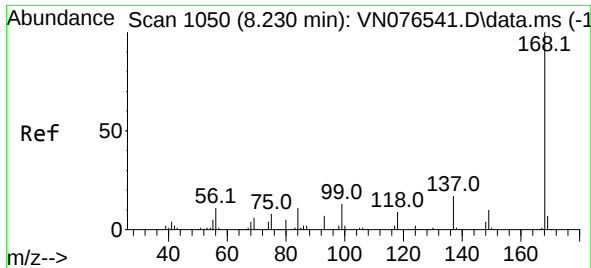
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

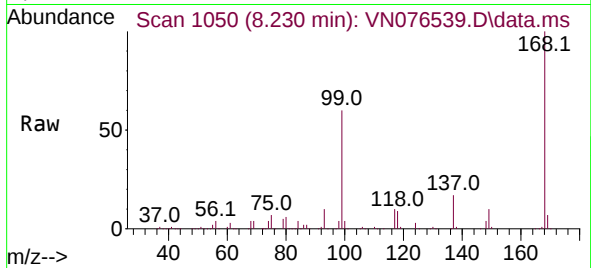
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076539.D
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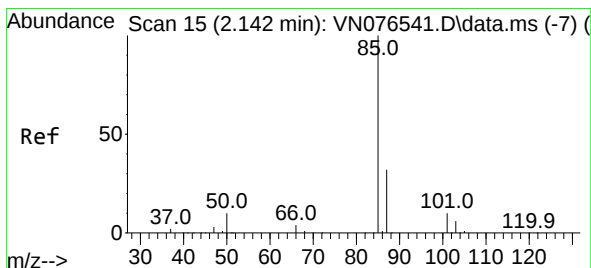
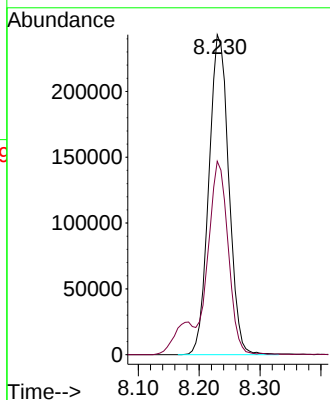
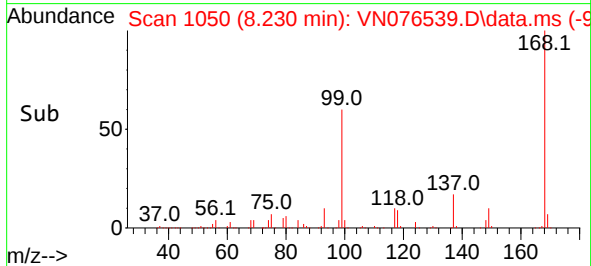
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 552314
Ion Ratio Lower Upper
168 100
99 60.3 47.1 70.7

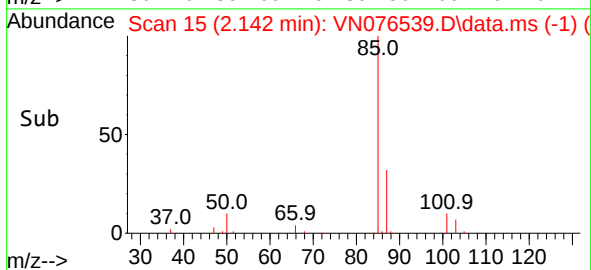
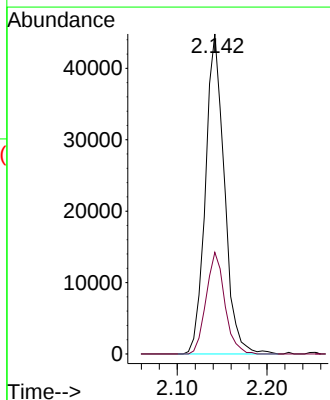
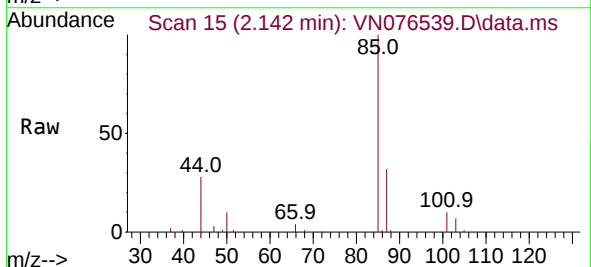
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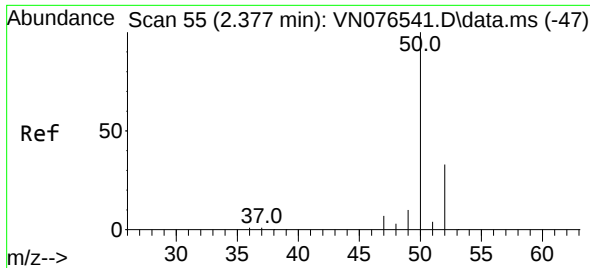
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#2
Dichlorodifluoromethane
Concen: 10.265 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 85 Resp: 65628
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6





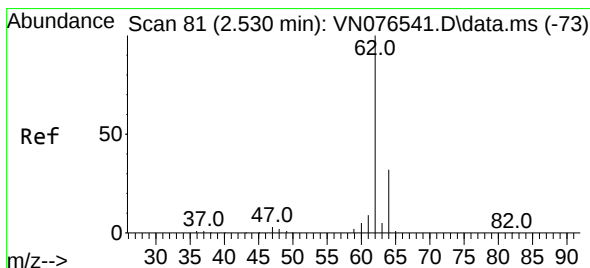
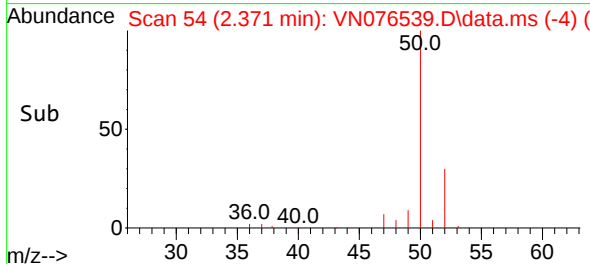
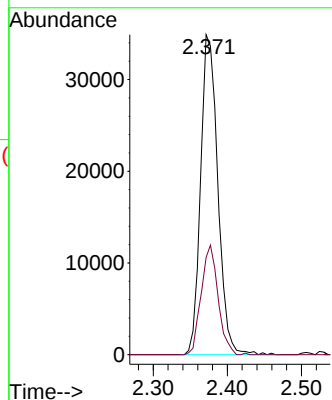
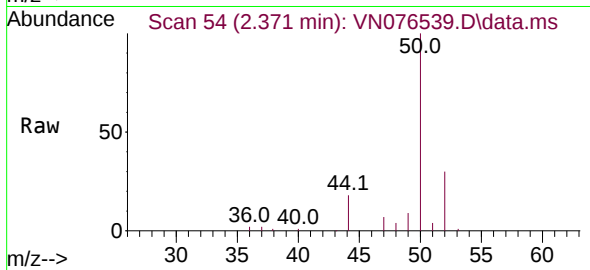
#3
Chloromethane
Concen: 10.023 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 56264
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0

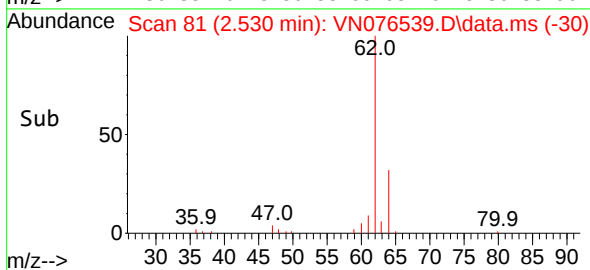
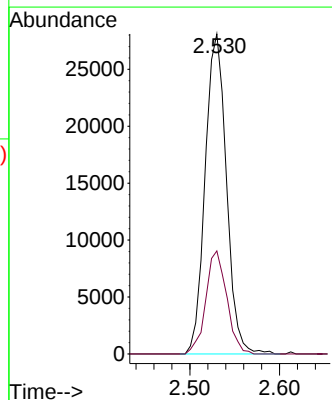
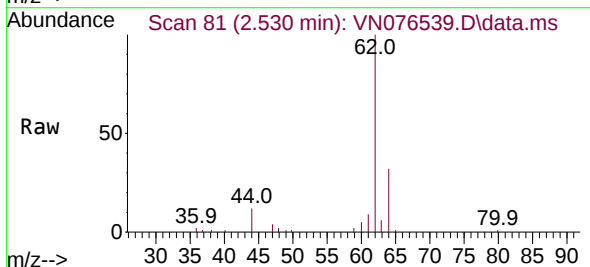
Manual Integrations
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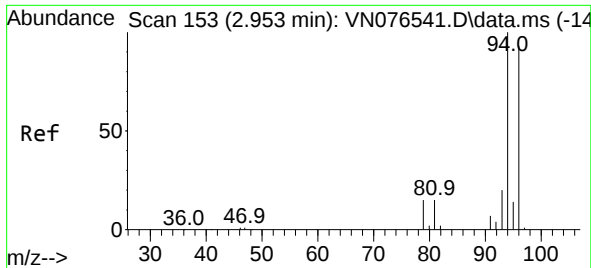
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#4
Vinyl Chloride
Concen: 9.962 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 62 Resp: 46247
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9





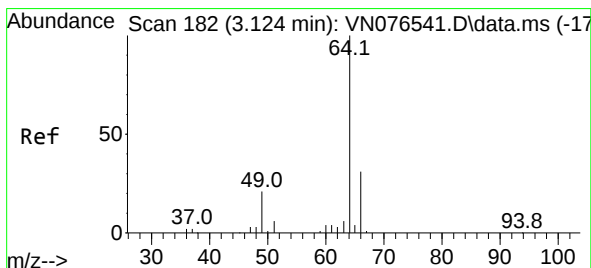
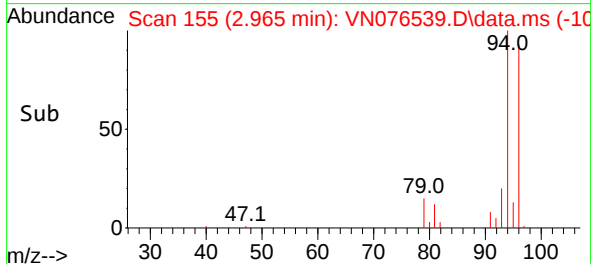
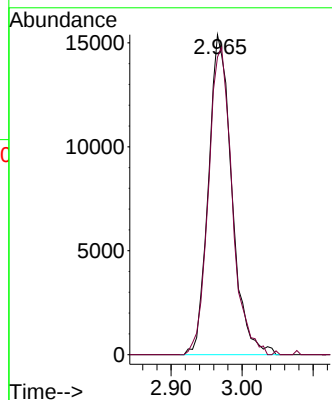
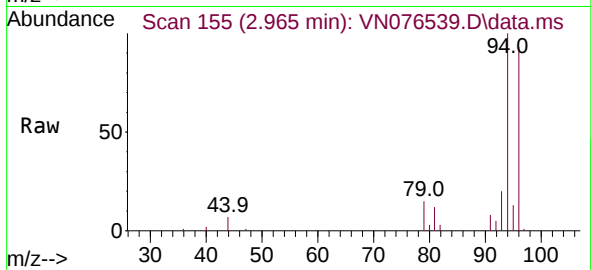
#5
Bromomethane
Concen: 8.847 ug/l
RT: 2.965 min Scan# 155
Delta R.T. 0.012 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 35192
Ion Ratio Lower Upper
94 100
96 93.0 74.1 111.1

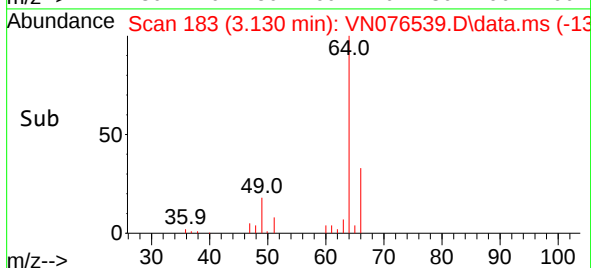
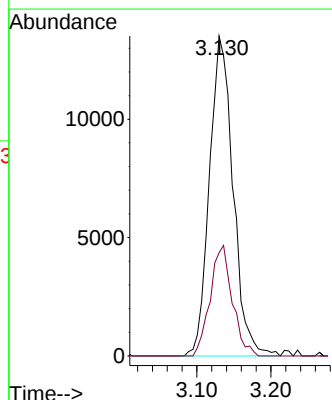
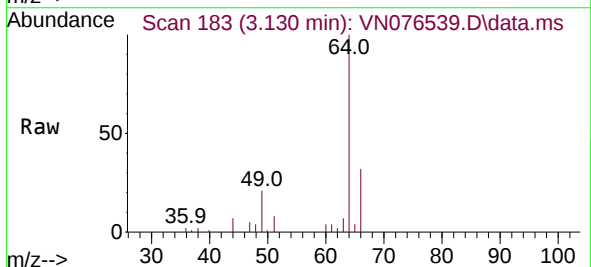
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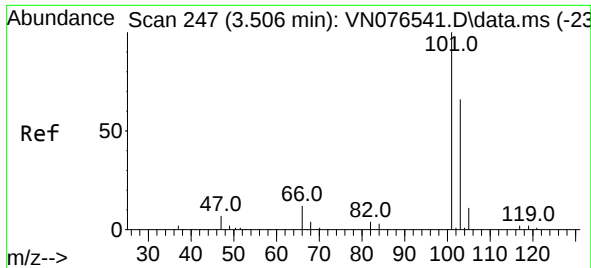
Reviewed By :John Carlone 02/07/2023
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#6
Chloroethane
Concen: 10.328 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076539.D
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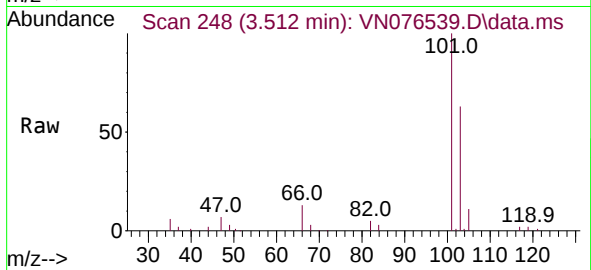
Tgt Ion: 64 Resp: 29951
Ion Ratio Lower Upper
64 100
66 32.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 10.405 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10

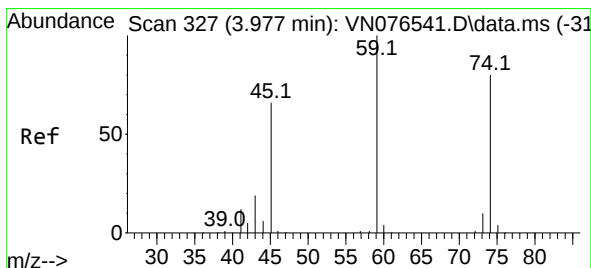
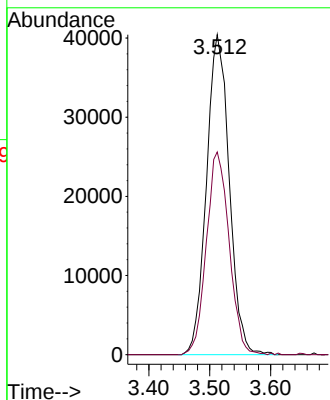
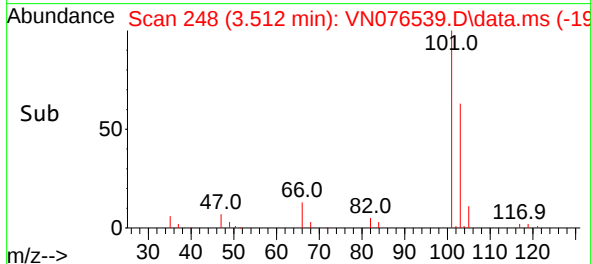
Instrument :
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Tgt Ion:101 Resp: 10509
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.6 78.8

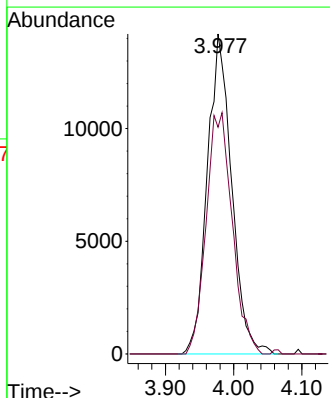
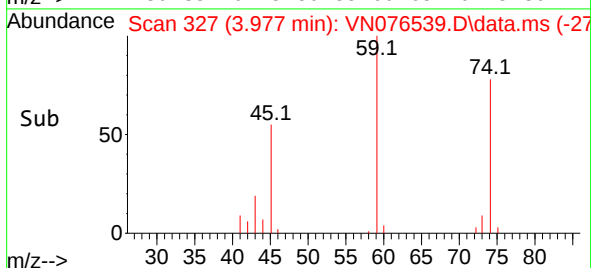
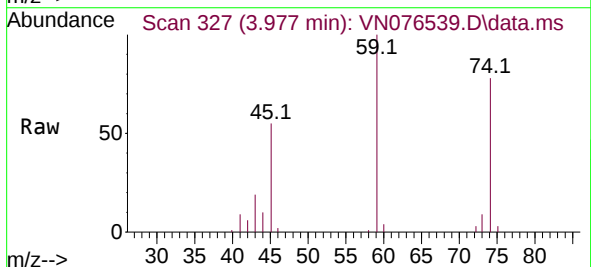
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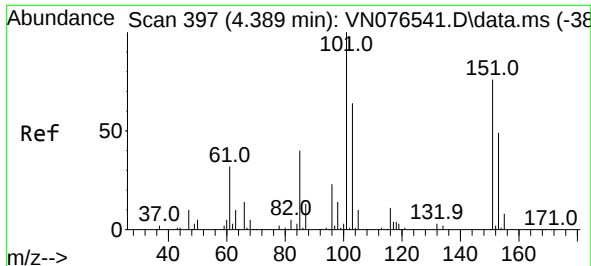
Reviewed By :John Carlone 02/07/2023
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#8
 Diethyl Ether
 Concen: 9.599 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10

Tgt Ion: 74 Resp: 35255
 Ion Ratio Lower Upper
 74 100
 45 80.9 40.8 122.5





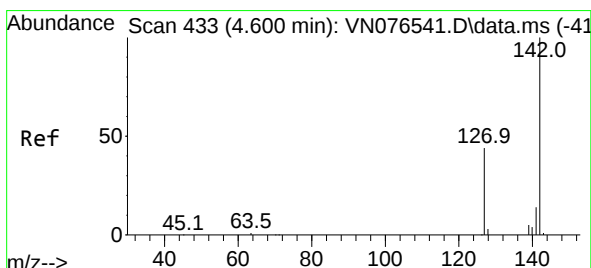
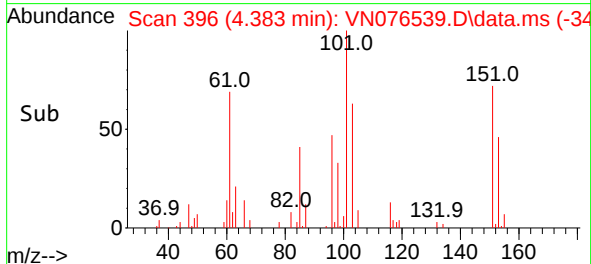
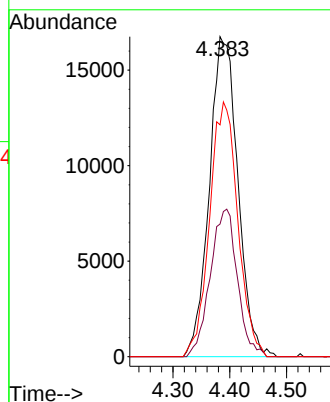
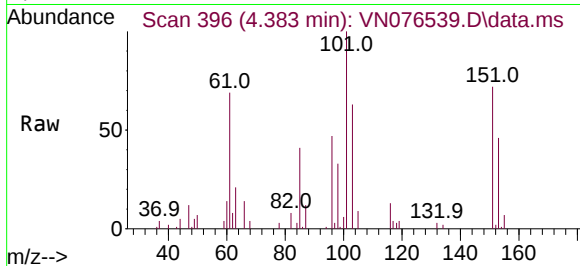
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.920 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 5840
Ion Ratio Lower Upper
101 100
85 43.8 33.9 50.9
151 78.8 61.2 91.8

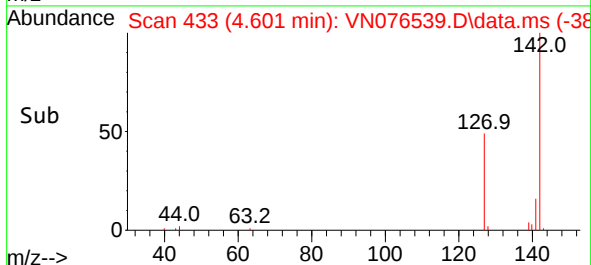
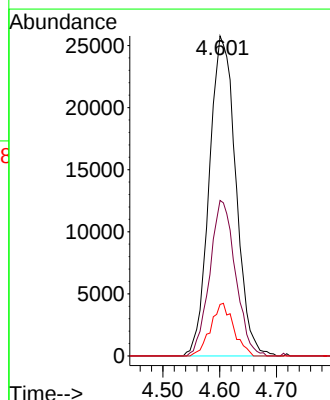
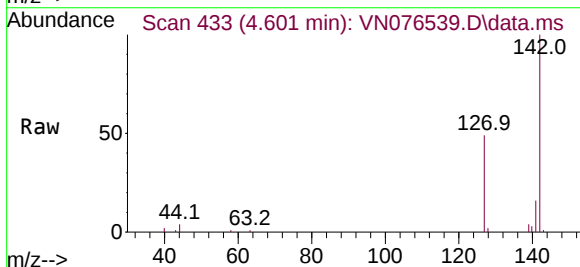
Manual Integrations
APPROVED

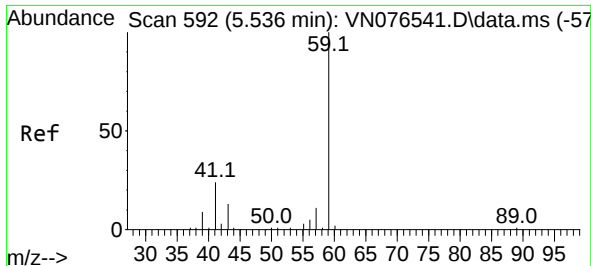
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#10
Methyl Iodide
Concen: 9.880 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion:142 Resp: 83446
Ion Ratio Lower Upper
142 100
127 47.1 35.5 53.3
141 14.4 11.3 16.9





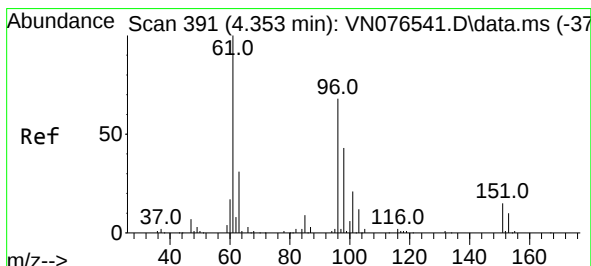
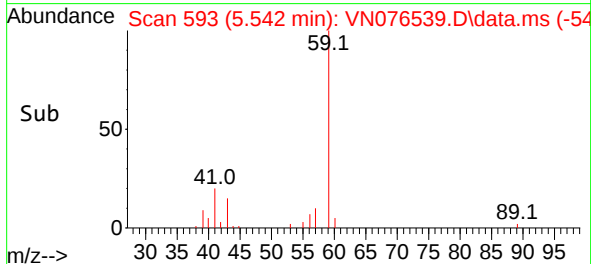
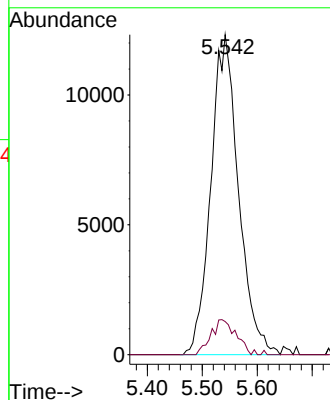
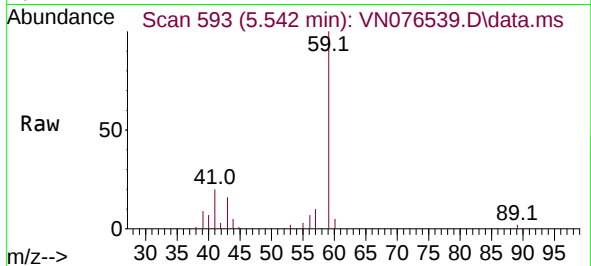
#11
Tert butyl alcohol
Concen: 46.369 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 43104
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

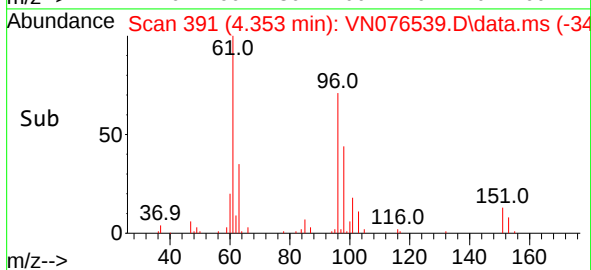
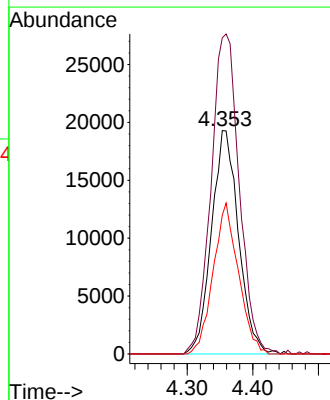
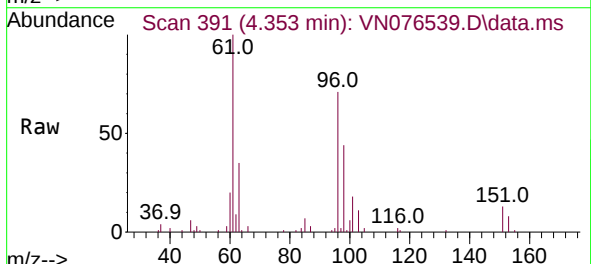
Manual Integrations
APPROVED

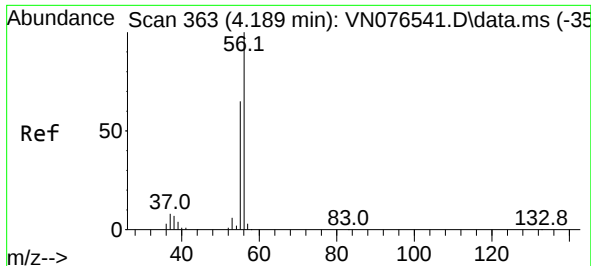
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#12
1,1-Dichloroethene
Concen: 9.864 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 96 Resp: 55145
Ion Ratio Lower Upper
96 100
61 141.5 117.9 176.9
98 62.1 50.2 75.2





#13

Acrolein

Concen: 46.908 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 5973

Ion Ratio Lower Upper

56 100

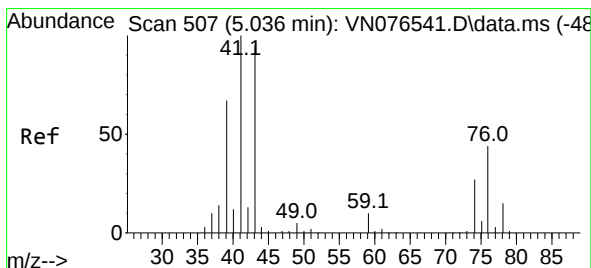
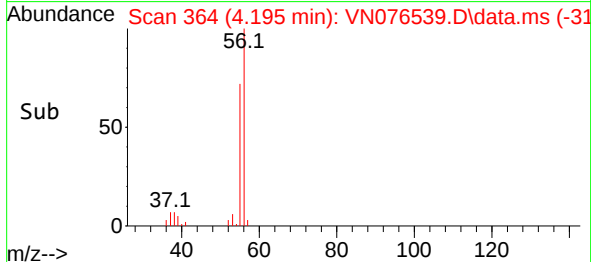
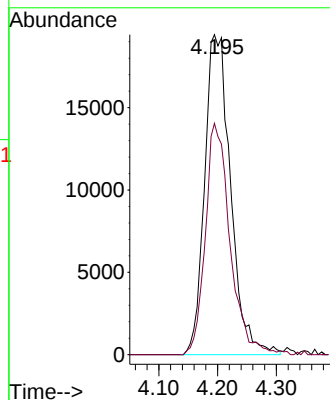
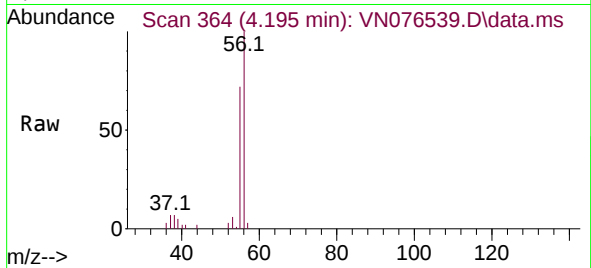
55 68.5 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#14

Allyl chloride

Concen: 9.866 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

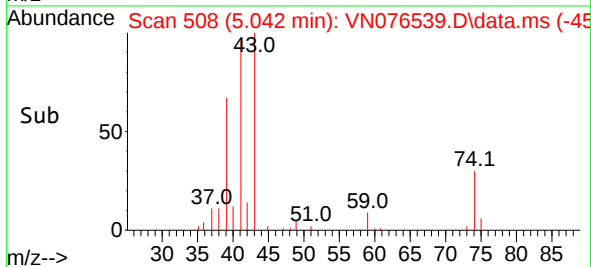
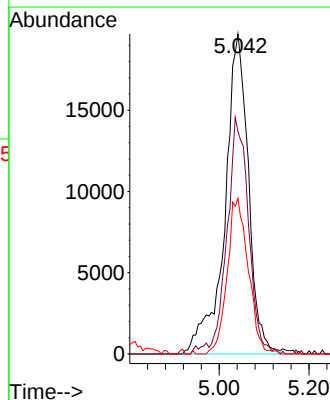
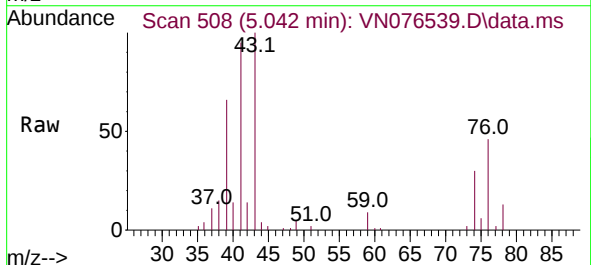
Tgt Ion: 41 Resp: 72129

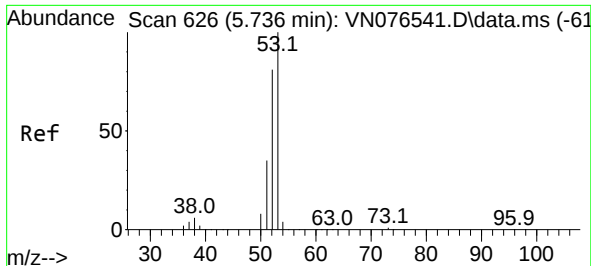
Ion Ratio Lower Upper

41 100

39 67.2 51.6 77.4

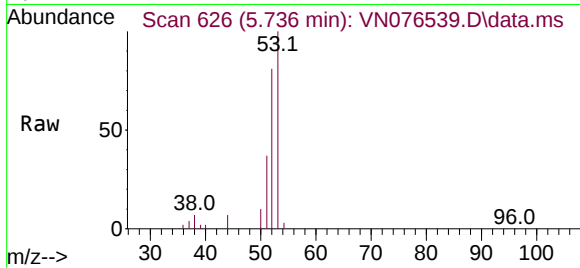
76 43.4 33.1 49.7





#15
Acrylonitrile
Concen: 48.818 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

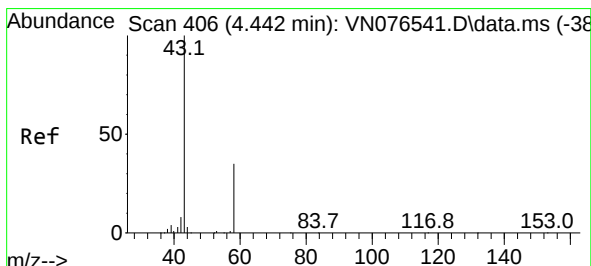
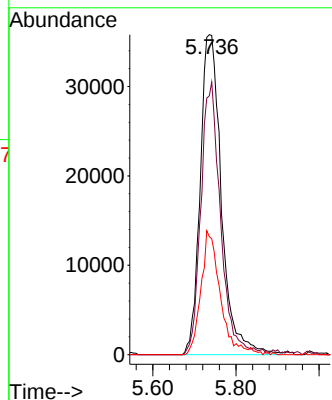
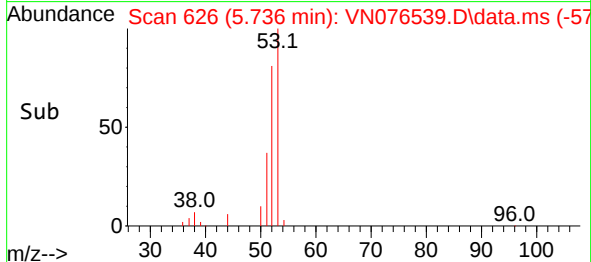
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 12707
Ion Ratio Lower Upper
53 100
52 79.1 65.0 97.4
51 35.3 28.7 43.1

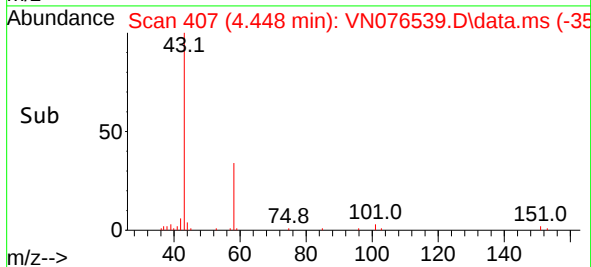
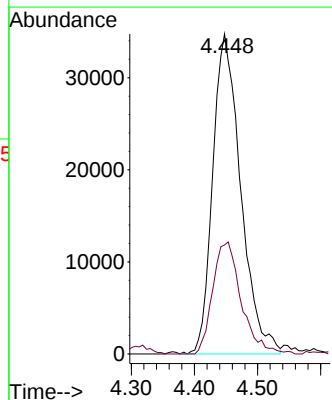
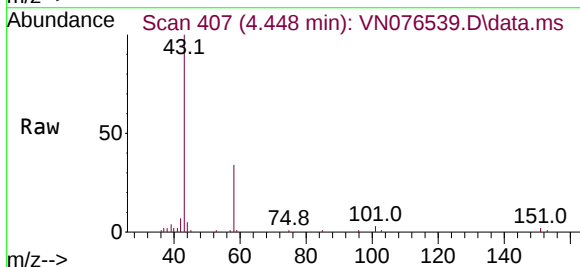
Manual Integrations
APPROVED

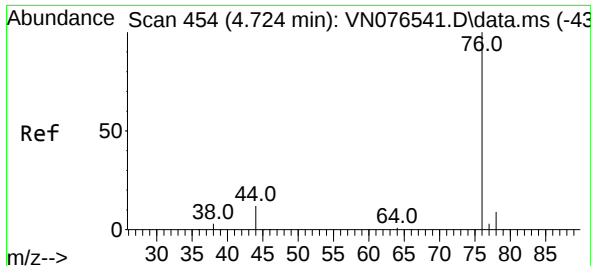
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#16
Acetone
Concen: 46.651 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

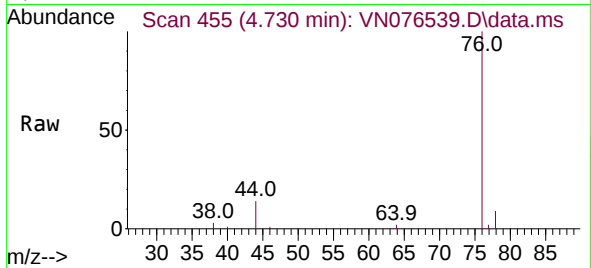
Tgt Ion: 43 Resp: 107013
Ion Ratio Lower Upper
43 100
58 34.1 28.3 42.5





#17
Carbon Disulfide
Concen: 9.603 ug/l
RT: 4.730 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

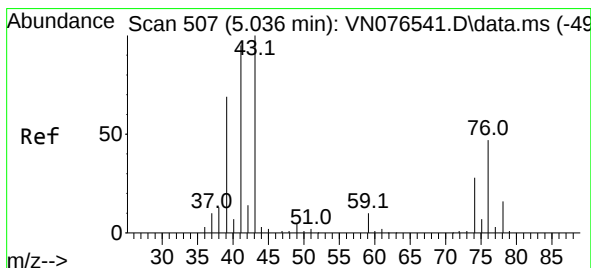
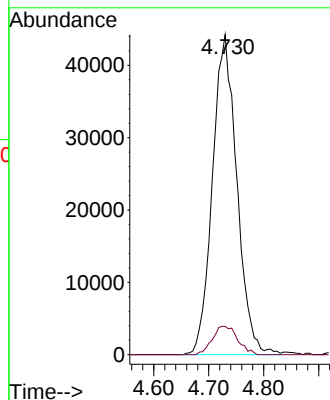
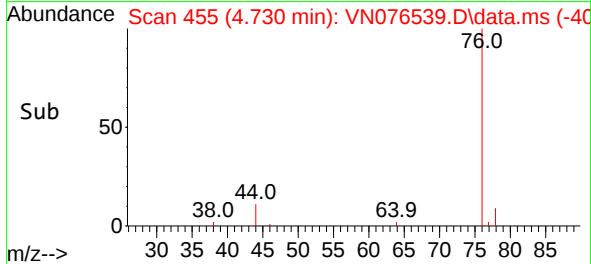
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



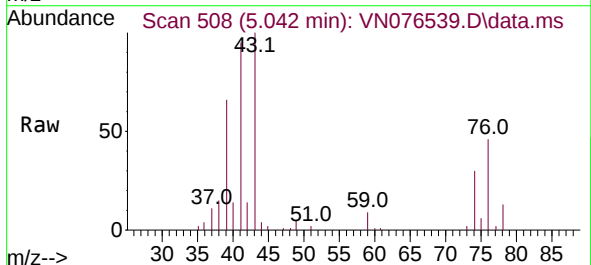
Tgt Ion: 76 Resp: 136439
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

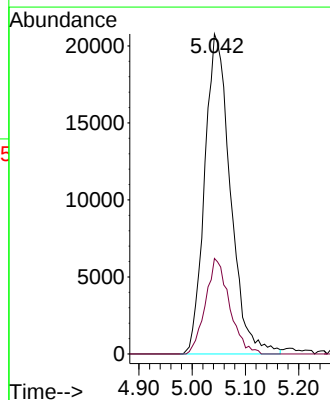
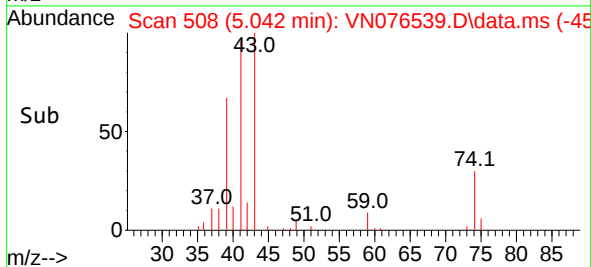
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

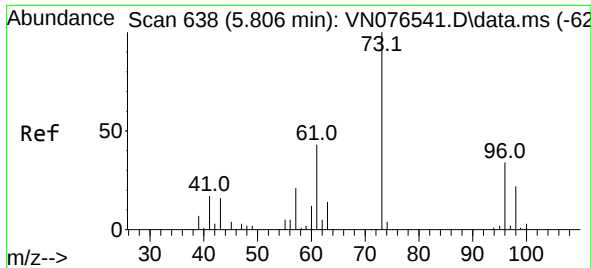


#18
Methyl Acetate
Concen: 9.906 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



Tgt Ion: 43 Resp: 69620
Ion Ratio Lower Upper
43 100
74 27.9 23.6 35.4





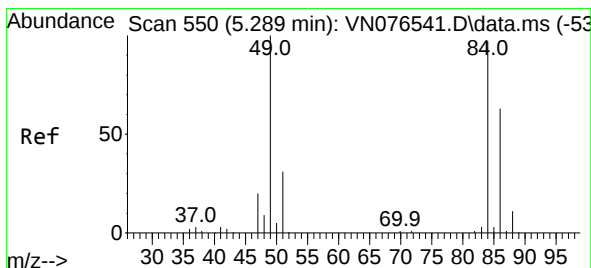
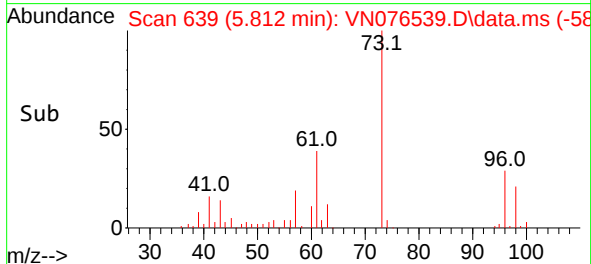
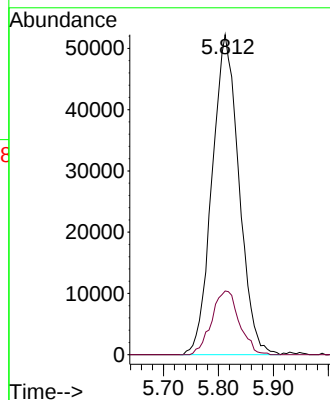
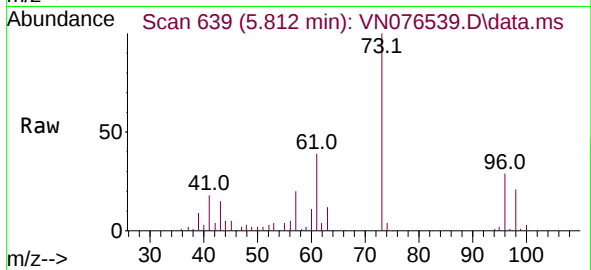
#19
Methyl tert-butyl Ether
Concen: 9.763 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 17734
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2

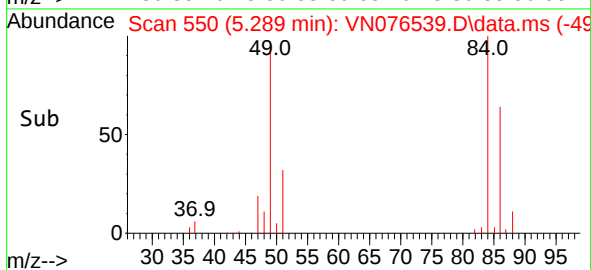
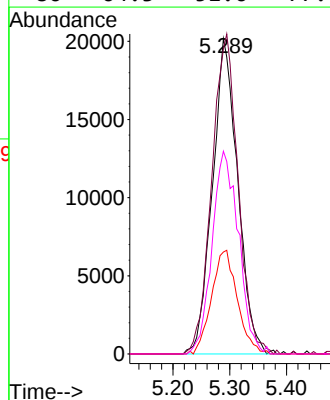
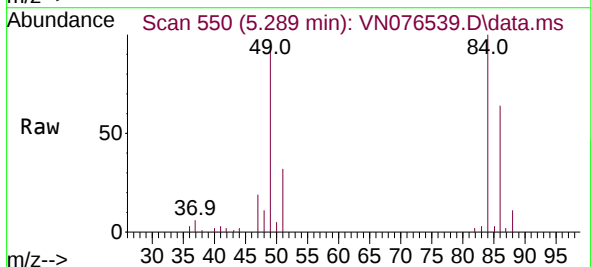
Manual Integrations
APPROVED

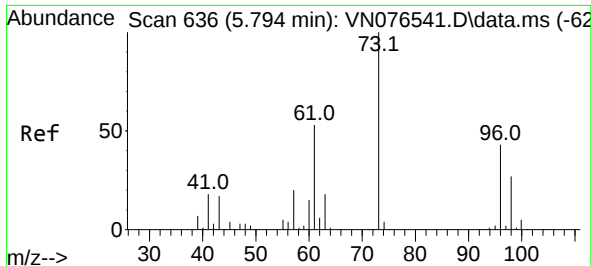
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#20
Methylene Chloride
Concen: 9.381 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

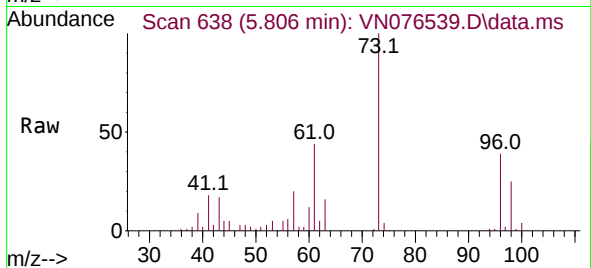
Tgt Ion: 84 Resp: 62353
Ion Ratio Lower Upper
84 100
49 96.7 82.3 123.5
51 32.3 25.9 38.9
86 64.3 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 9.705 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

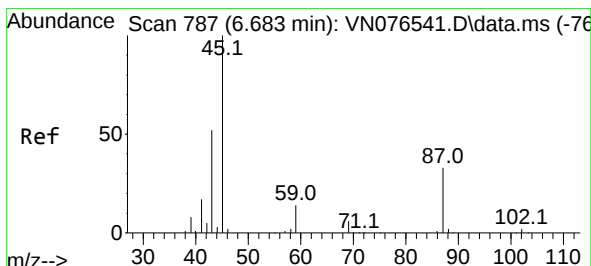
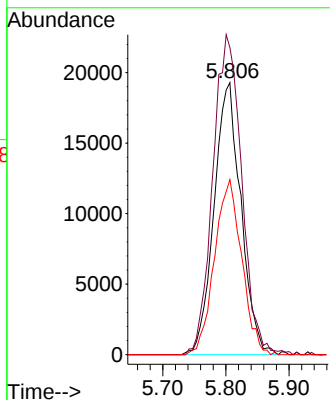
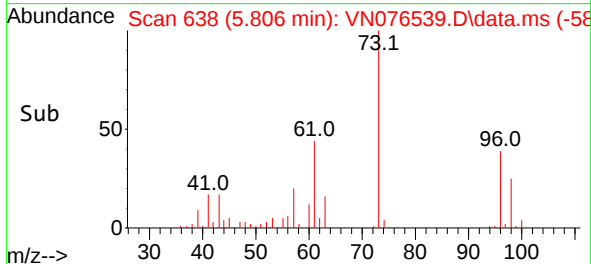
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



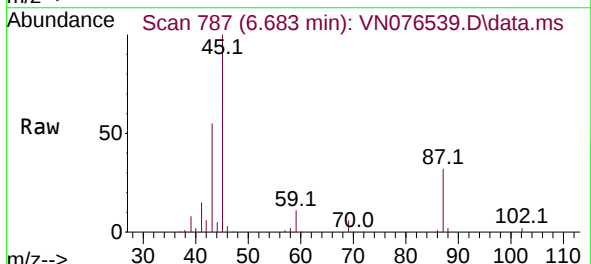
Tgt Ion: 96 Resp: 5716
Ion Ratio Lower Upper
96 100
61 112.9 98.6 148.0
98 64.3 49.9 74.9

Manual Integrations
APPROVED

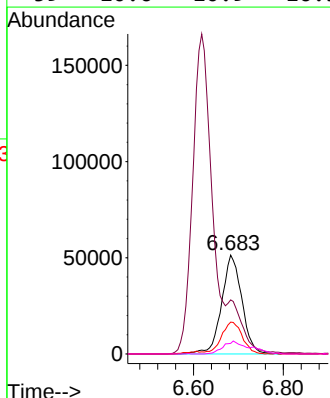
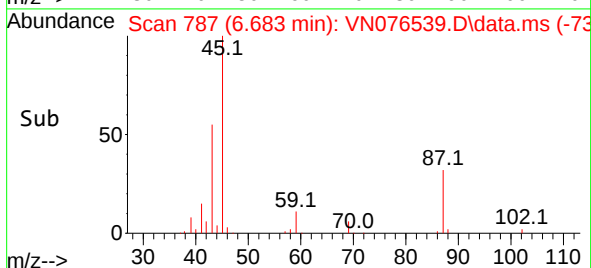
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

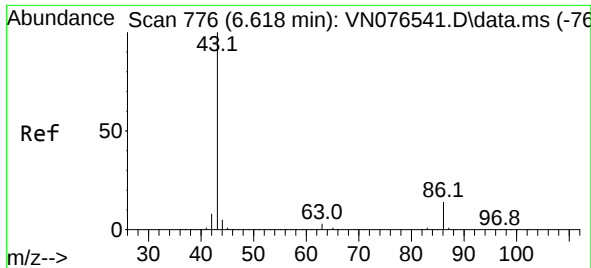


#22
Diisopropyl ether
Concen: 9.902 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



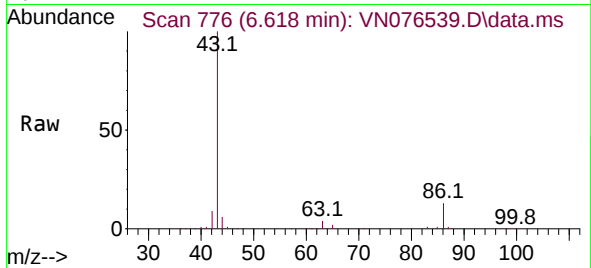
Tgt Ion: 45 Resp: 161261
Ion Ratio Lower Upper
45 100
43 52.9 41.8 62.6
87 31.9 26.6 39.8
59 10.6 10.9 16.3





#23
 Vinyl Acetate
 Concen: 46.594 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10

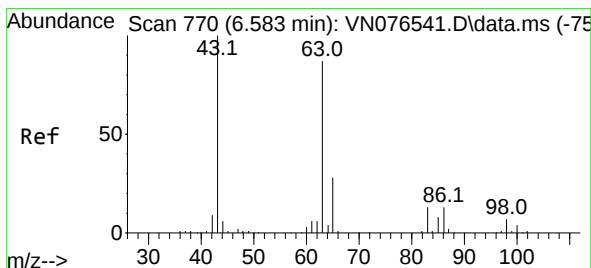
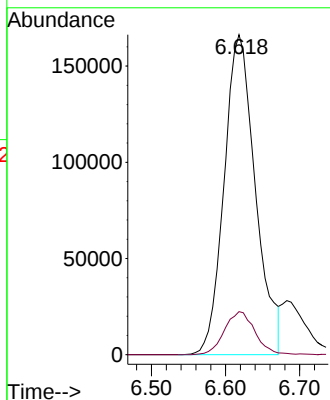
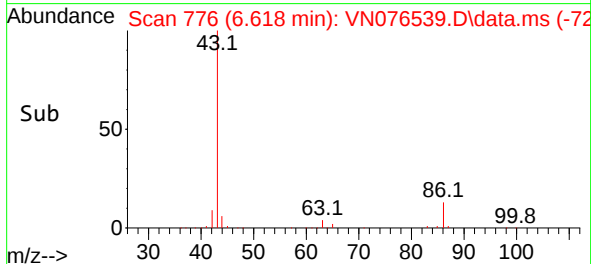
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



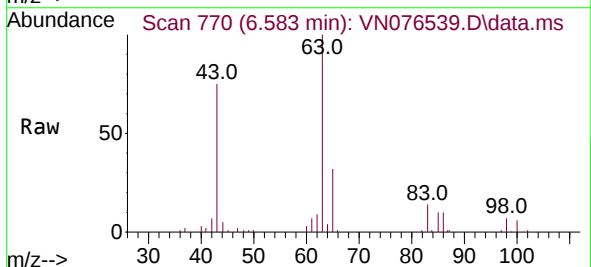
Tgt Ion: 43 Resp: 48905
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.3 16.9

Manual Integrations
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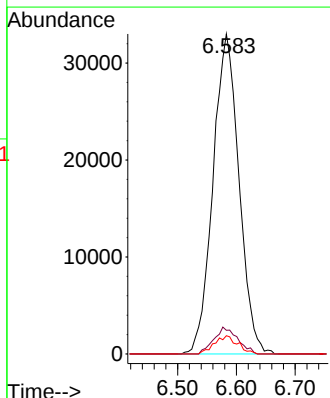
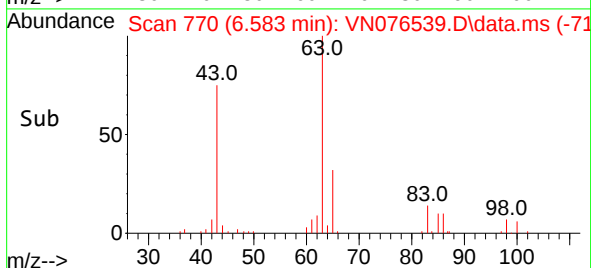
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

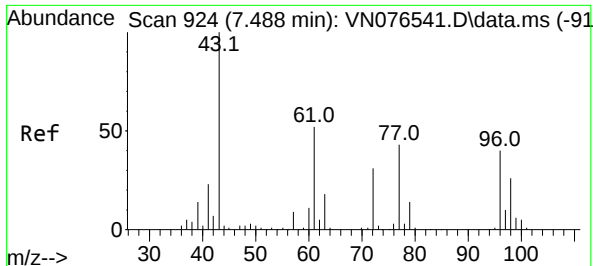


#24
 1,1-Dichloroethane
 Concen: 9.799 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10



Tgt Ion: 63 Resp: 101309
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 5.7 2.5 7.5





#25

2-Butanone

Concen: 48.116 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 15641

Ion Ratio Lower Upper

43 100

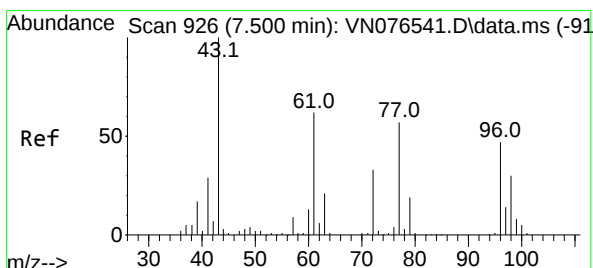
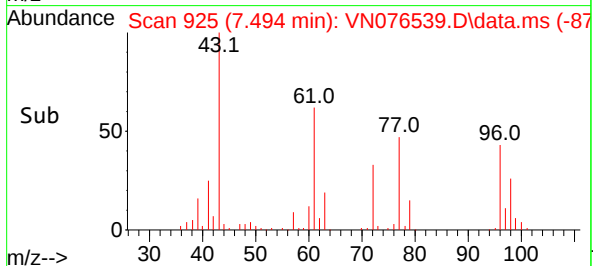
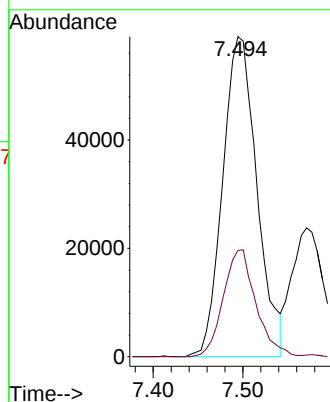
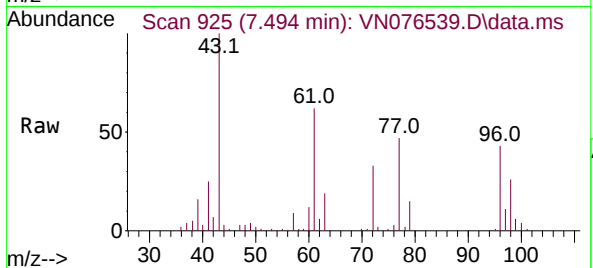
72 33.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#26

2,2-Dichloropropane

Concen: 9.629 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076539.D

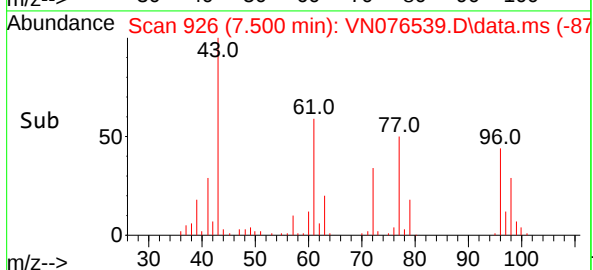
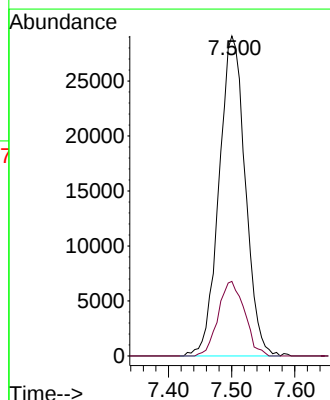
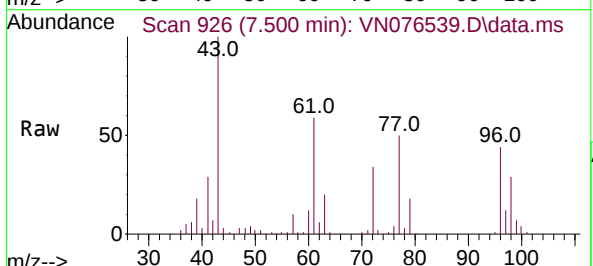
Acq: 06 Feb 2023 13:10

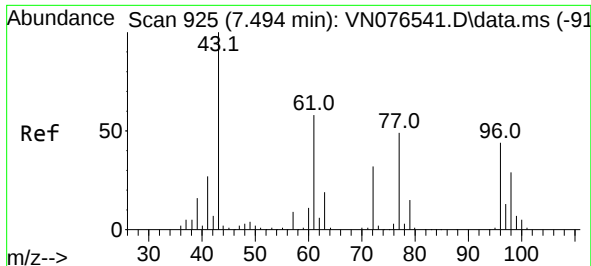
Tgt Ion: 77 Resp: 83899

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 9.681 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 66760

Ion Ratio Lower Upper

96 100

61 134.8 0.0 266.4

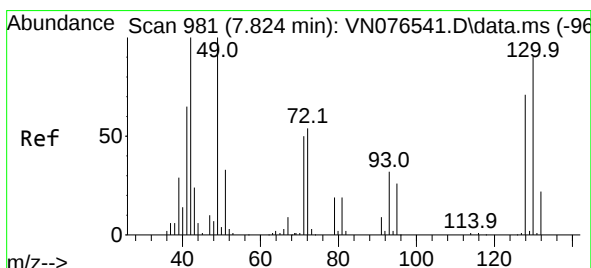
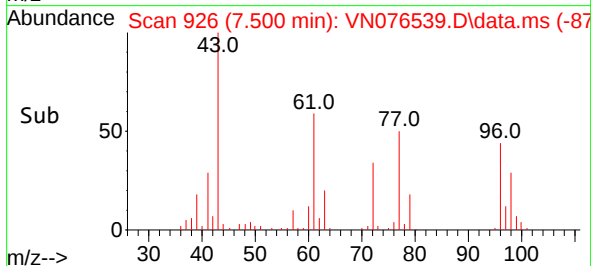
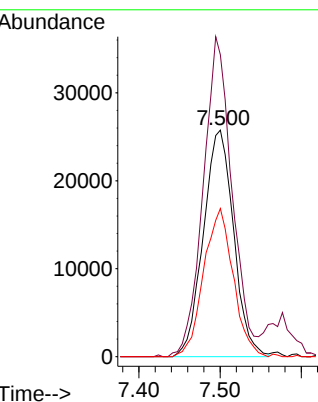
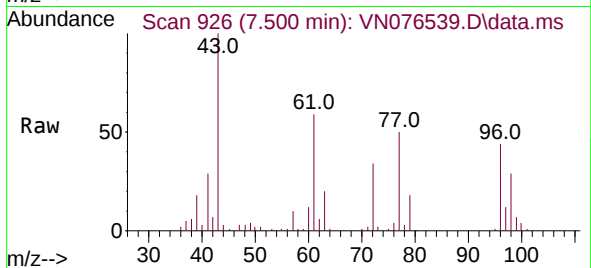
98 63.8 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#28

Bromochloromethane

Concen: 9.610 ug/l

RT: 7.830 min Scan# 982

Delta R.T. 0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

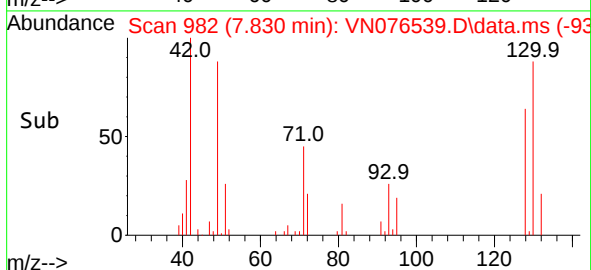
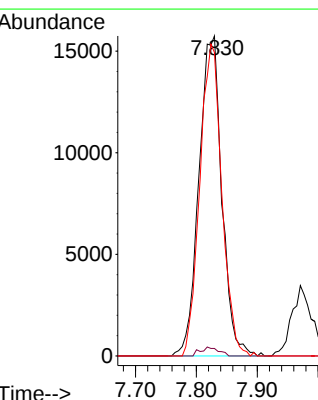
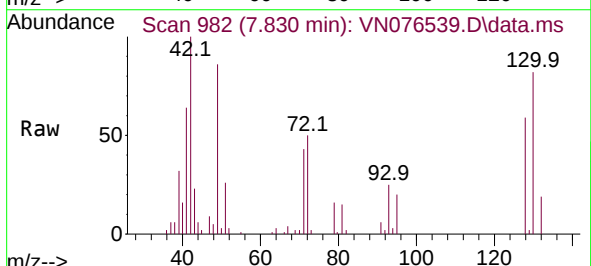
Tgt Ion: 49 Resp: 41140

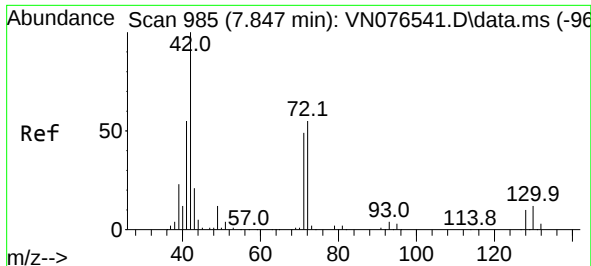
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 93.6 72.6 108.8





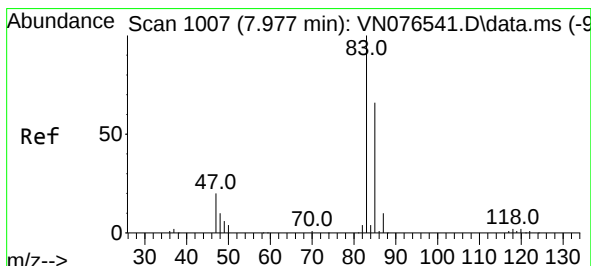
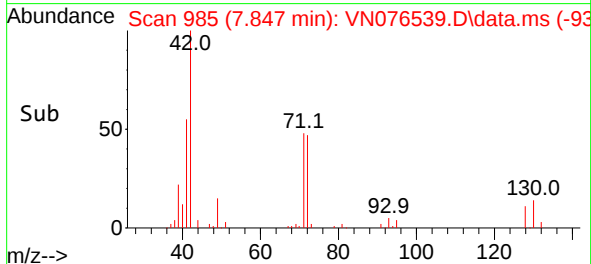
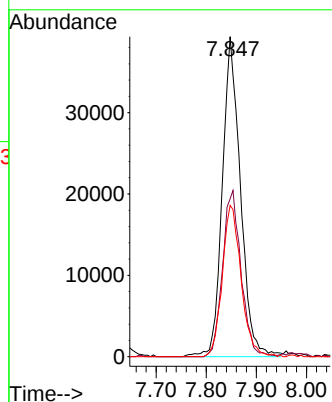
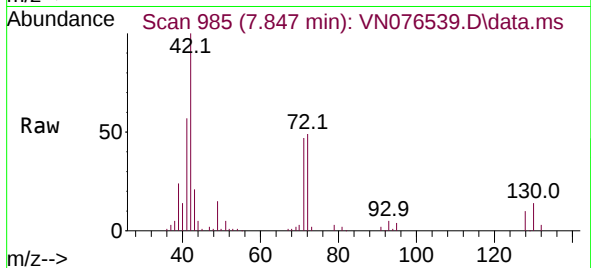
#29
Tetrahydrofuran
Concen: 47.802 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 98880
Ion Ratio Lower Upper
42 100
72 52.8 43.4 65.2
71 49.1 39.4 59.2

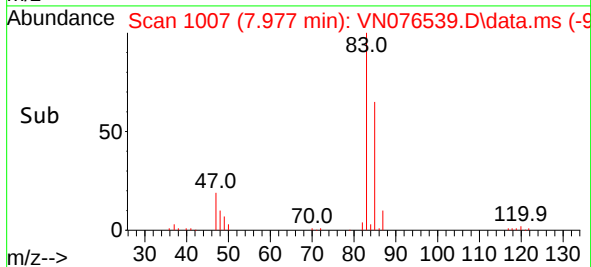
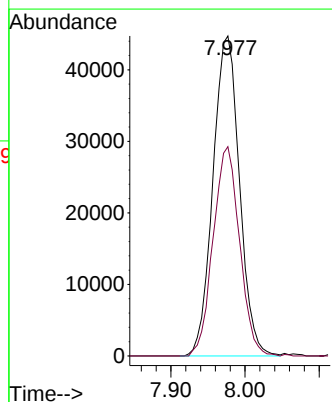
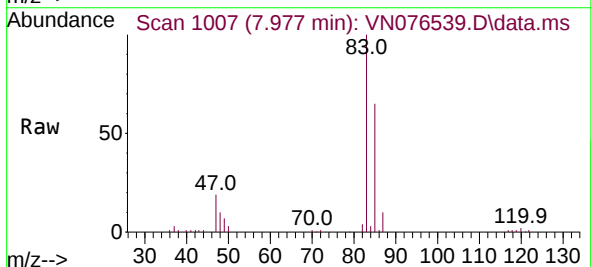
Manual Integrations
APPROVED

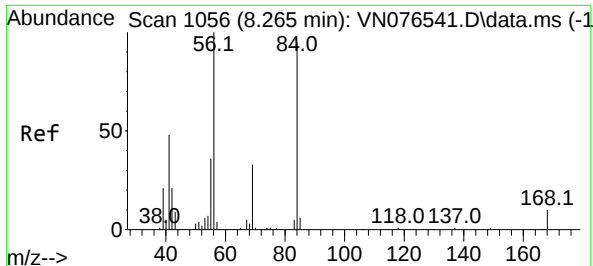
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#30
Chloroform
Concen: 9.799 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

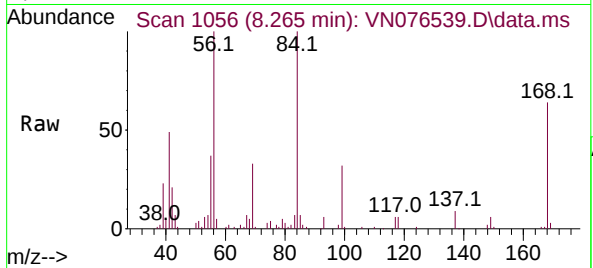
Tgt Ion: 83 Resp: 111217
Ion Ratio Lower Upper
83 100
85 65.4 52.5 78.7





#31
Cyclohexane
Concen: 8.322 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

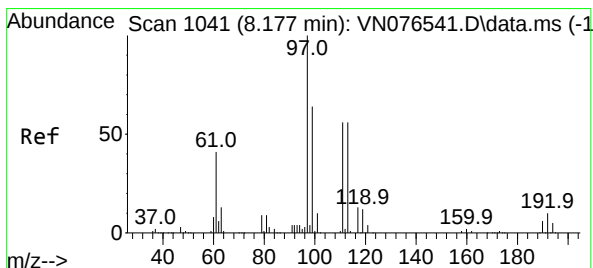
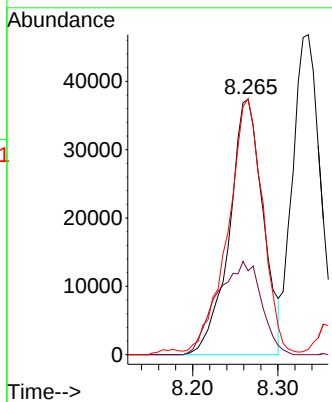
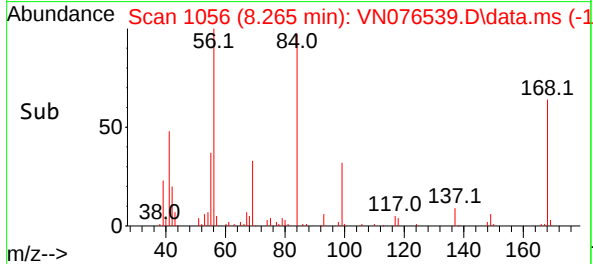
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



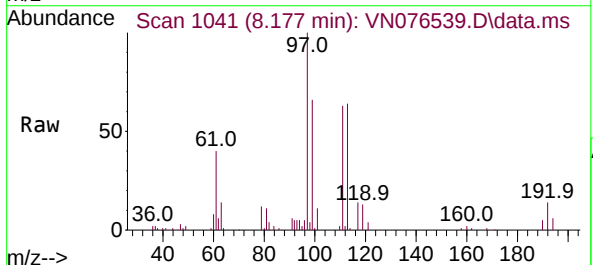
Tgt Ion: 56 Resp: 10258
Ion Ratio Lower Upper
56 100
69 32.8 26.5 39.7
84 98.7 76.2 114.4

Manual Integrations
APPROVED

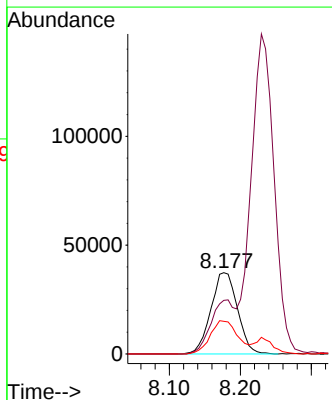
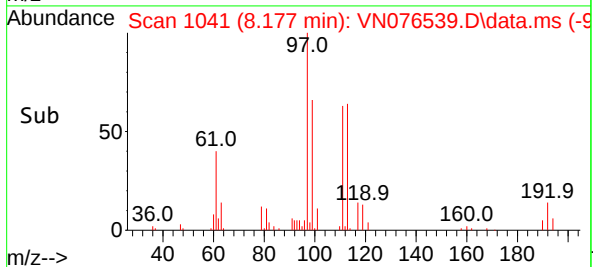
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

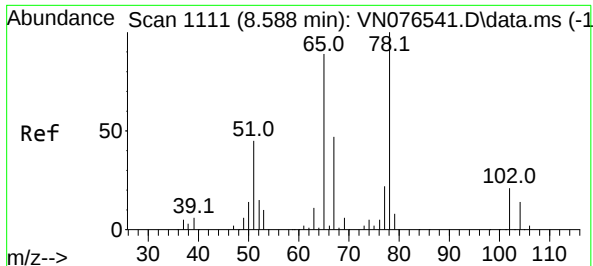


#32
1,1,1-Trichloroethane
Concen: 9.570 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



Tgt Ion: 97 Resp: 96838
Ion Ratio Lower Upper
97 100
99 61.6 53.7 80.5
61 42.2 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 7.239 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.001 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 67692

Ion Ratio Lower Upper

65 100

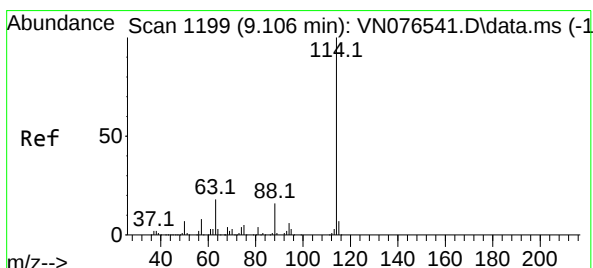
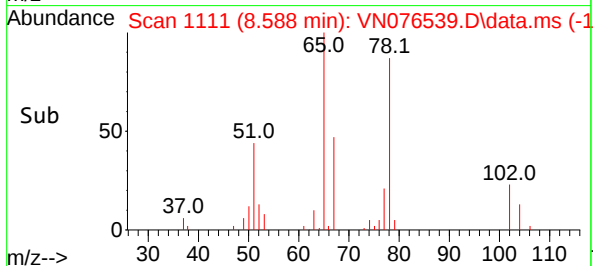
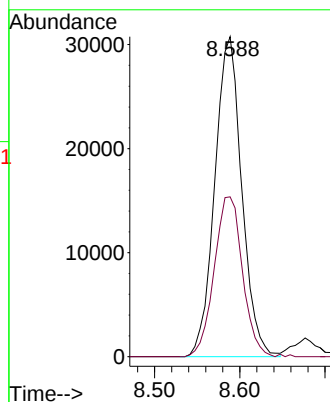
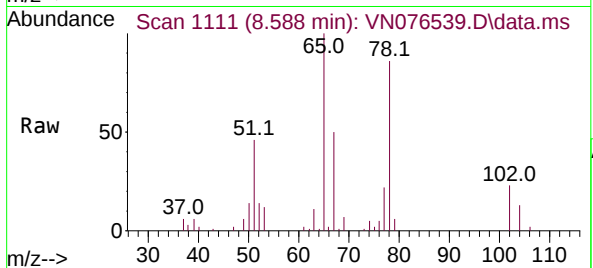
67 52.3 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

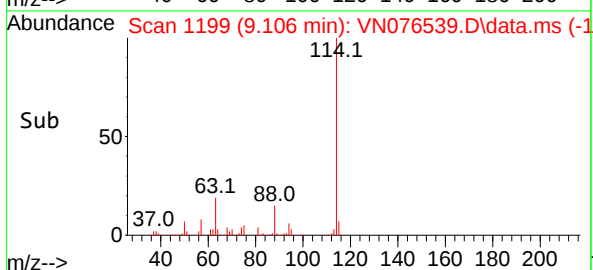
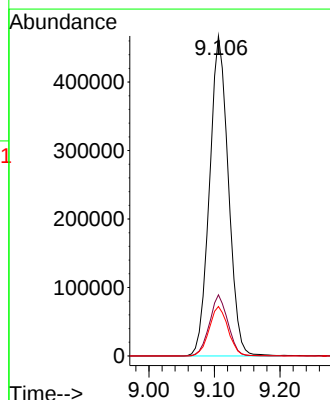
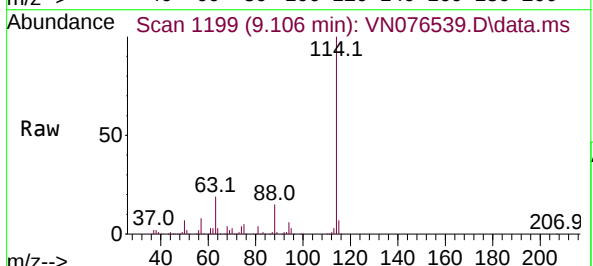
Tgt Ion:114 Resp: 930918

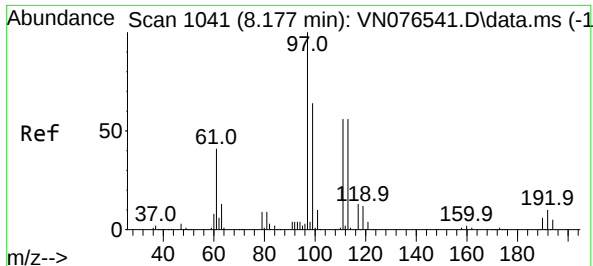
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 7.426 ug/l

RT: 8.171 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 5971

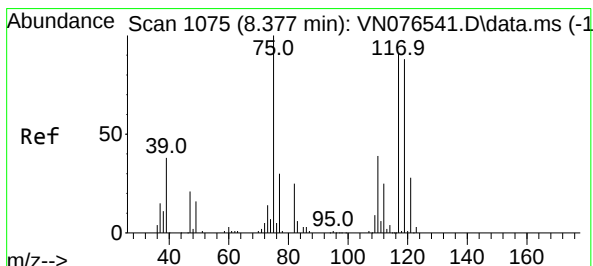
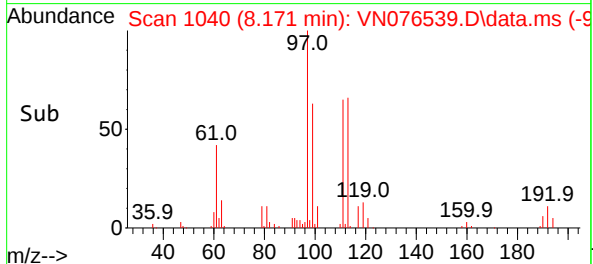
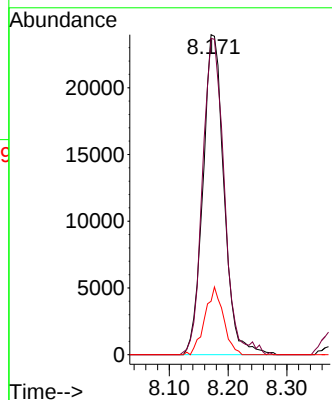
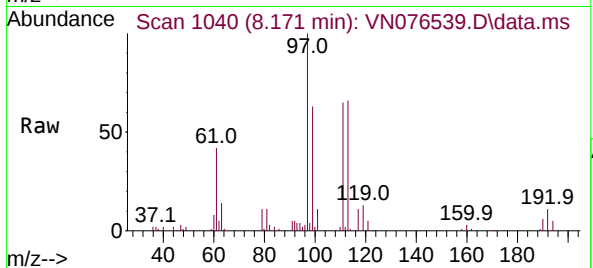
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	18.6	15.0	22.4

Manual Integrations

APPROVED

Reviewed By : John Carlone 02/07/2023

Supervised By : Mahesh Dadoda 02/07/2023



#36

1,1-Dichloropropene

Concen: 9.718 ug/l

RT: 8.377 min Scan# 1075

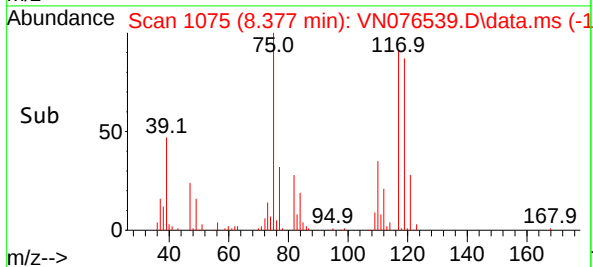
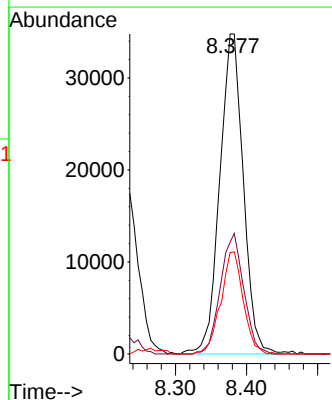
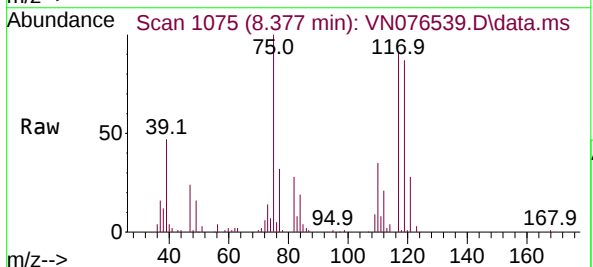
Delta R.T. 0.000 min

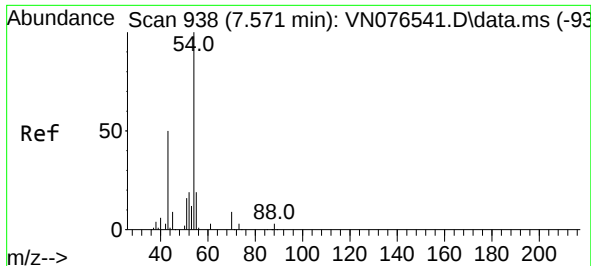
Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Tgt Ion: 75 Resp: 79991

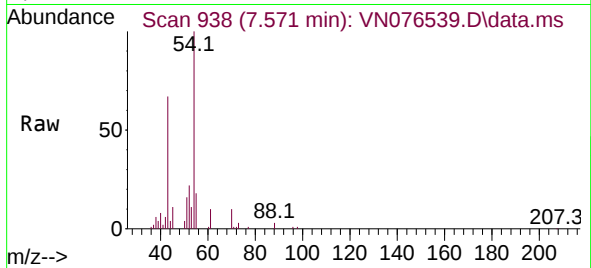
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.6	55.6
77	30.5	25.3	37.9





#37
Ethyl Acetate
Concen: 9.474 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

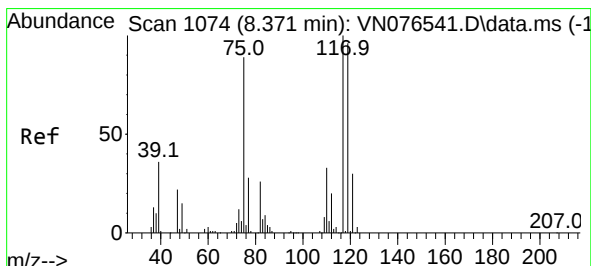
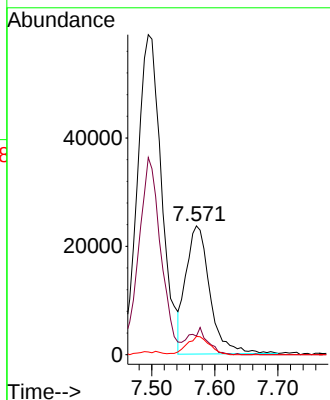
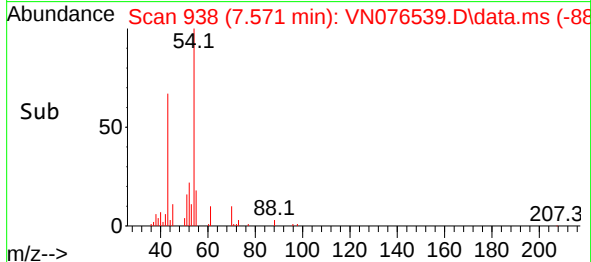
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 13.5 10.2 15.4

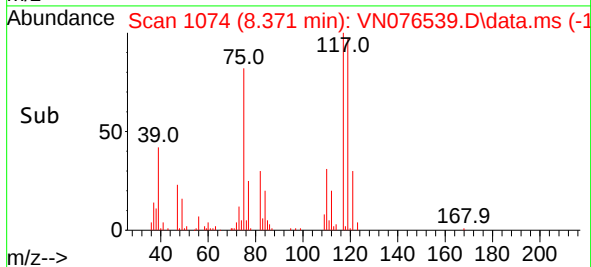
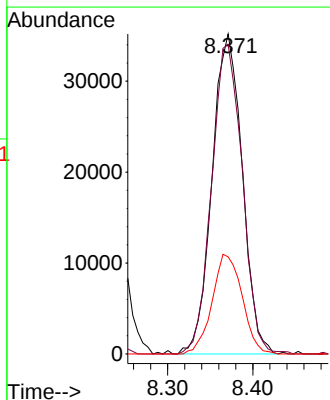
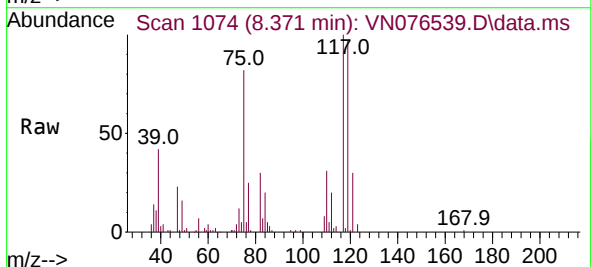
Manual Integrations
APPROVED

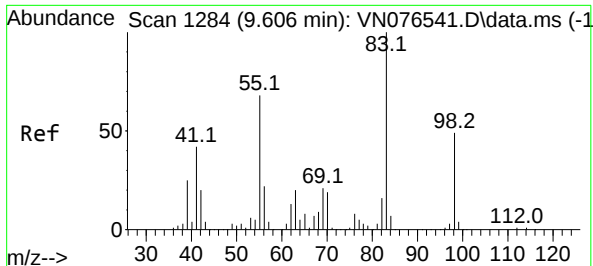
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#38
Carbon Tetrachloride
Concen: 9.667 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion:117 Resp: 86697
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 30.4 24.2 36.4





#39

Methylcyclohexane

Concen: 9.659 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 9644

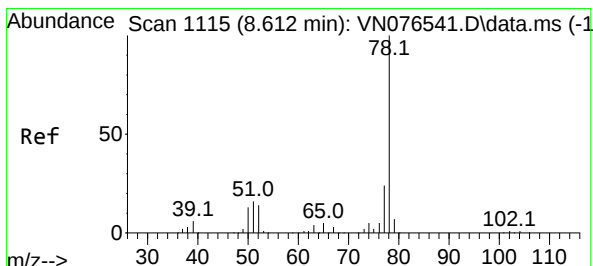
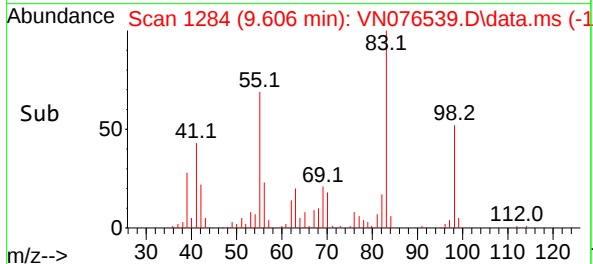
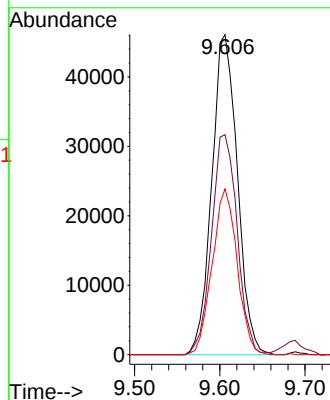
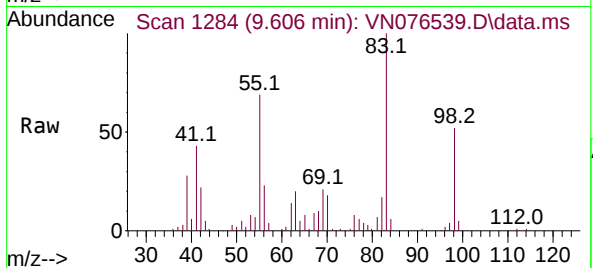
Ion	Ratio	Lower	Upper
83	100		
55	68.8	54.1	81.1
98	51.8	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#40

Benzene

Concen: 9.752 ug/l

RT: 8.612 min Scan# 1115

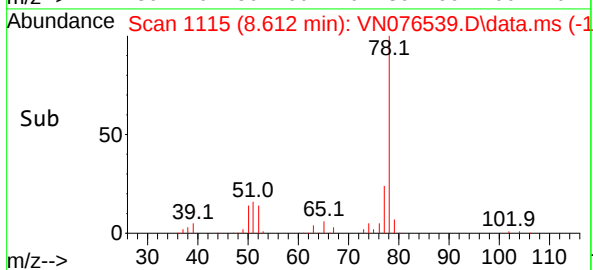
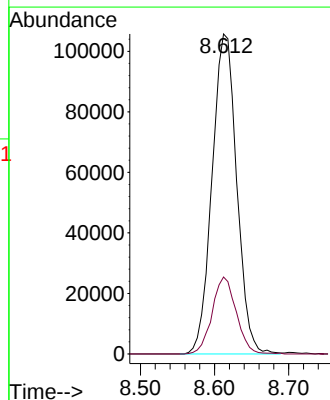
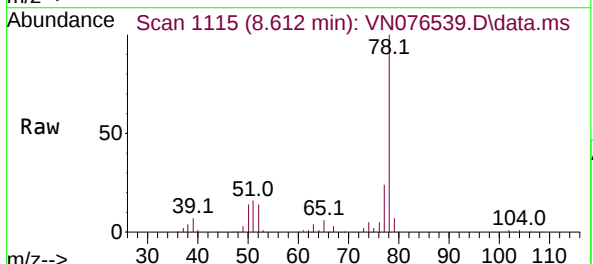
Delta R.T. 0.000 min

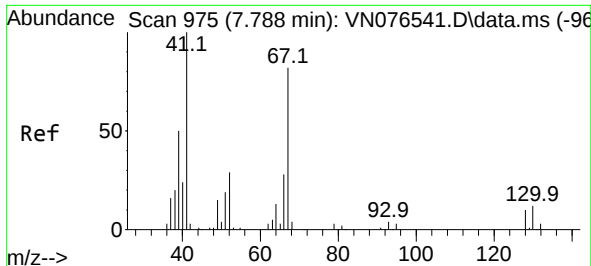
Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Tgt Ion: 78 Resp: 244392

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





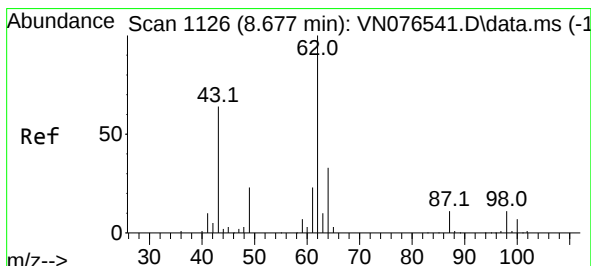
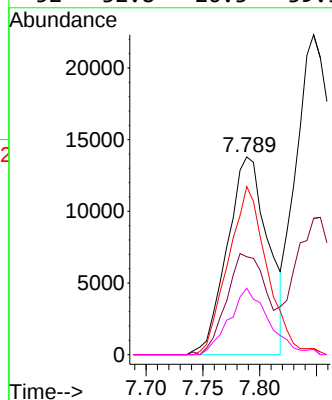
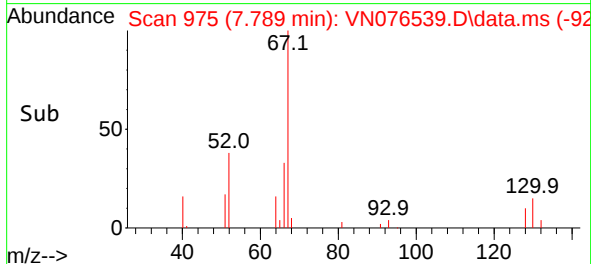
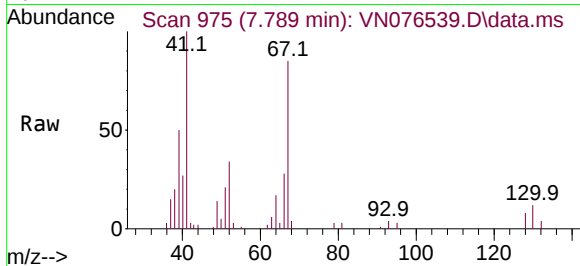
#41
Methacrylonitrile
Concen: 9.817 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 3442
Ion Ratio Lower Upper
41 100
39 48.9 45.0 67.4
67 81.6 70.0 105.0
52 32.8 26.3 39.5

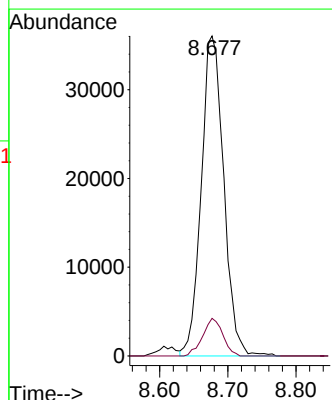
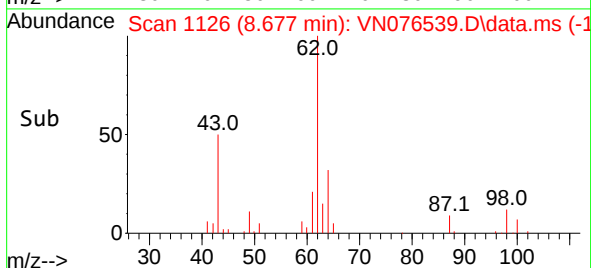
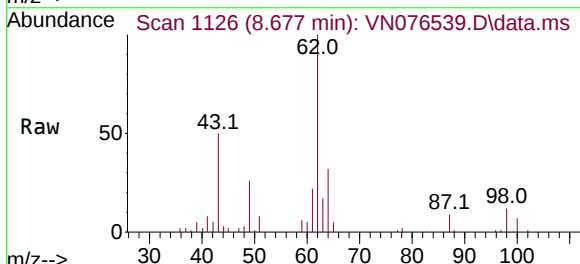
Manual Integrations
APPROVED

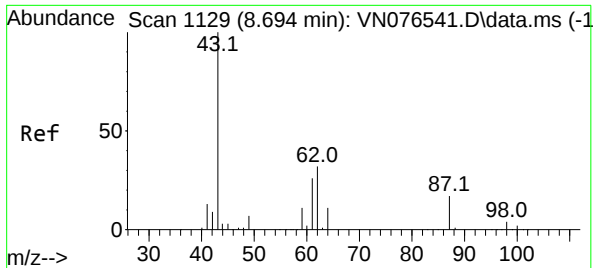
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#42
1,2-Dichloroethane
Concen: 9.947 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 62 Resp: 82835
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0





#43

Isopropyl Acetate

Concen: 9.435 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 100740

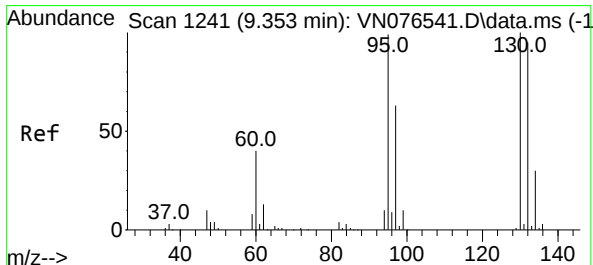
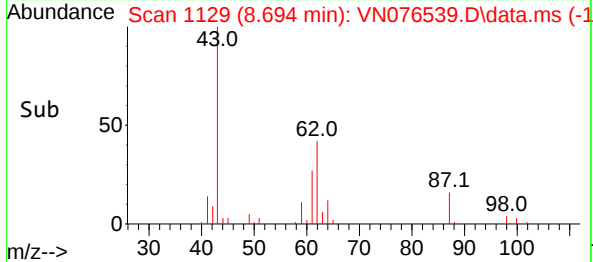
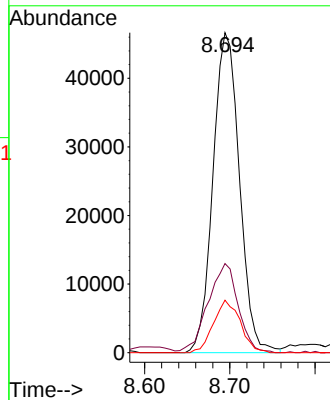
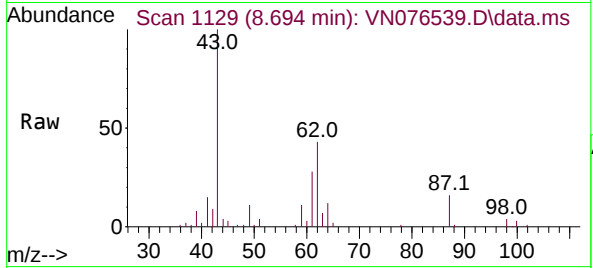
Ion	Ratio	Lower	Upper
43	100		
61	31.7	24.6	36.8
87	16.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#44

Trichloroethene

Concen: 9.772 ug/l

RT: 9.353 min Scan# 1241

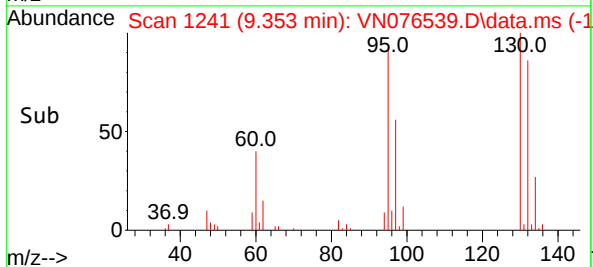
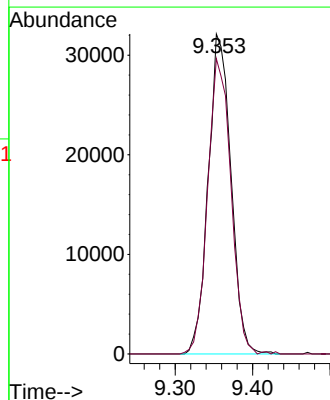
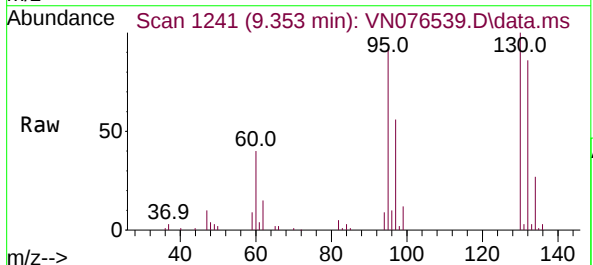
Delta R.T. 0.000 min

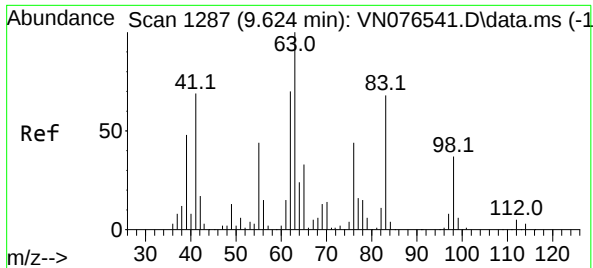
Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Tgt Ion:130 Resp: 65470

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	197.6





#45

1,2-Dichloropropane

Concen: 9.665 ug/l

RT: 9.630 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 5876

Ion Ratio Lower Upper

63 100

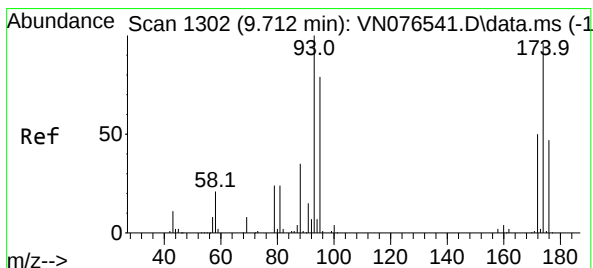
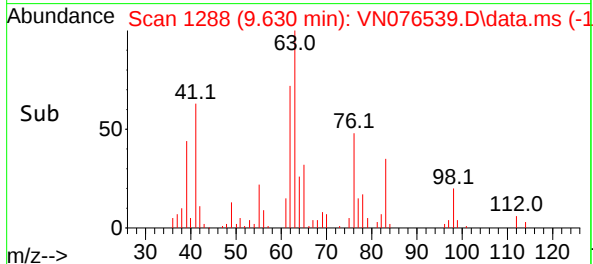
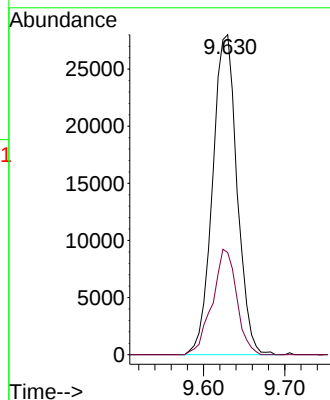
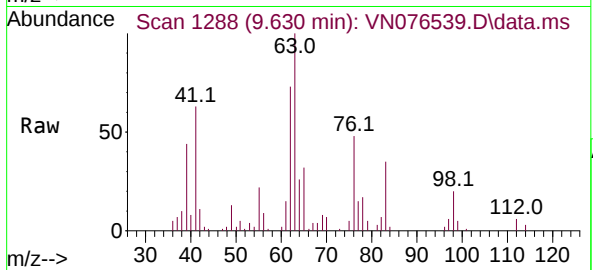
65 31.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#46

Dibromomethane

Concen: 9.606 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

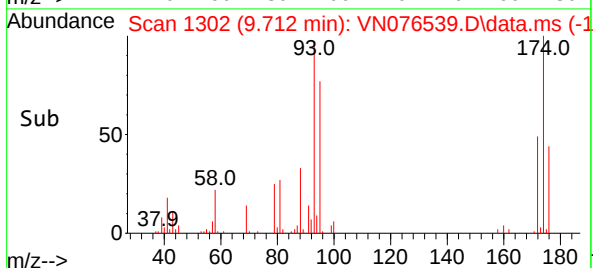
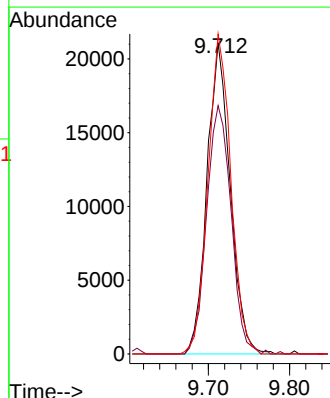
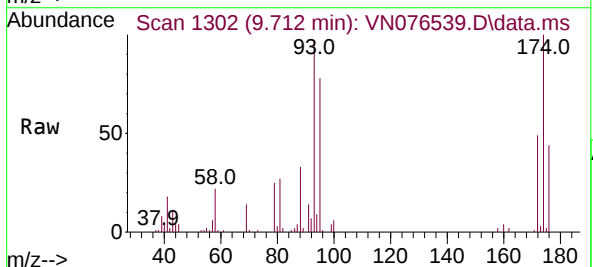
Tgt Ion: 93 Resp: 41882

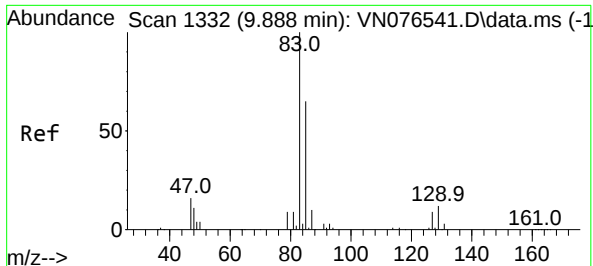
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.2

174 101.4 78.4 117.6





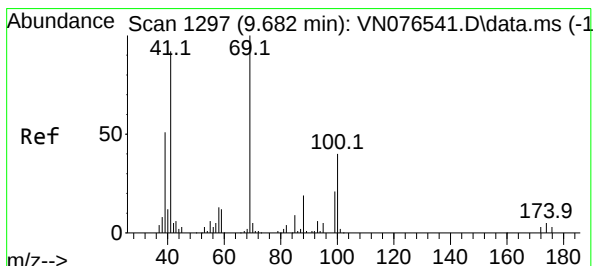
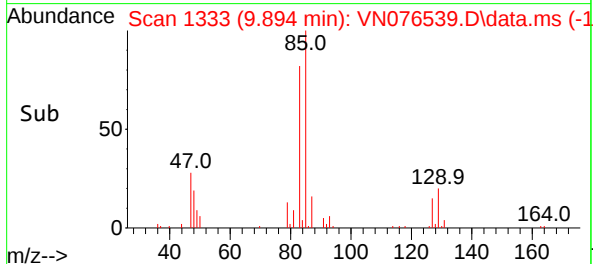
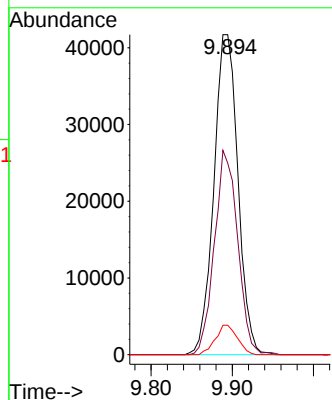
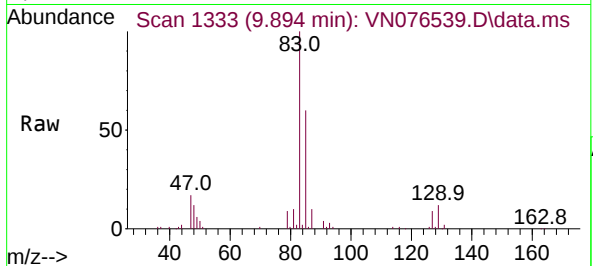
#47
Bromodichloromethane
Concen: 9.859 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 8602
Ion Ratio Lower Upper
83 100
85 59.8 52.0 78.0
127 9.2 7.1 10.7

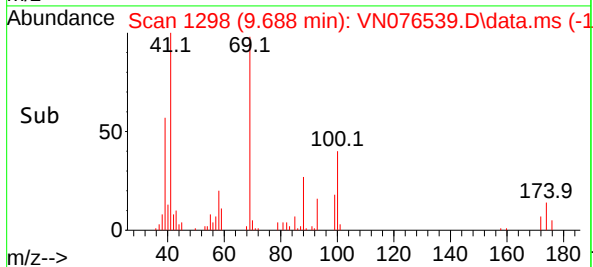
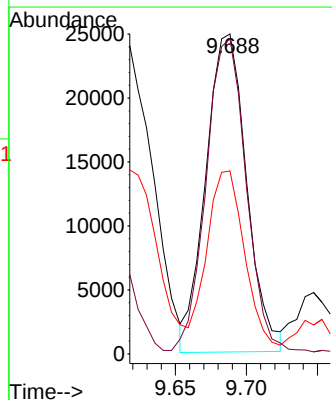
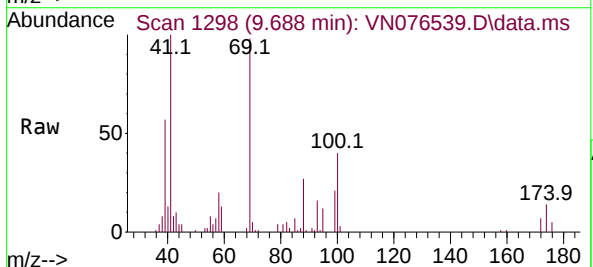
Manual Integrations
APPROVED

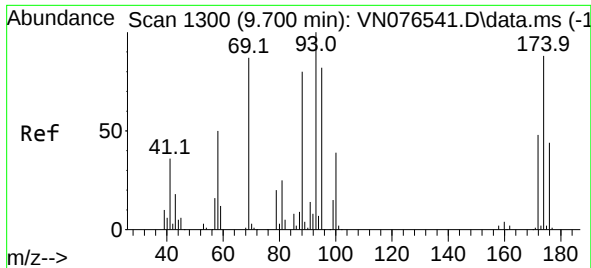
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#48
Methyl methacrylate
Concen: 9.739 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

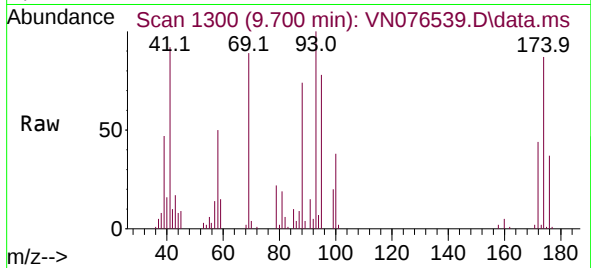
Tgt Ion: 41 Resp: 49671
Ion Ratio Lower Upper
41 100
69 98.8 82.0 123.0
39 54.5 45.0 67.4





#49
1,4-Dioxane
Concen: 190.392 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

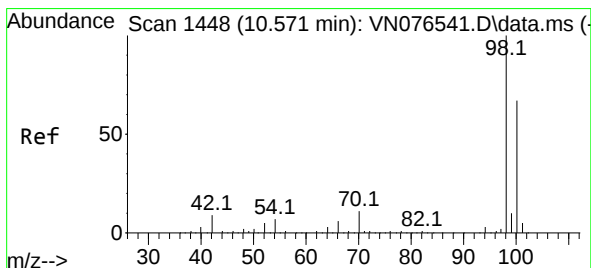
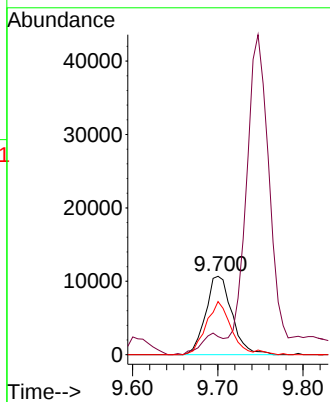
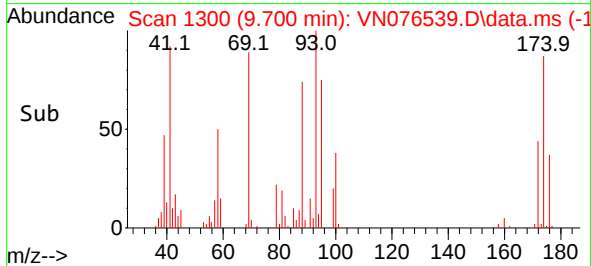
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



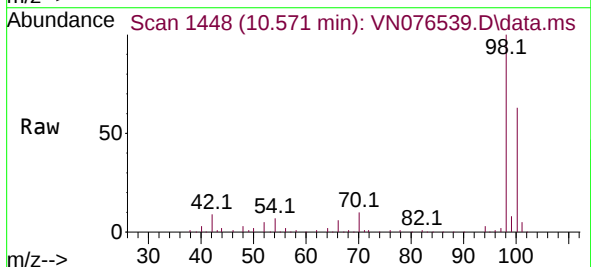
Tgt Ion: 88 Resp: 22874
Ion Ratio Lower Upper
88 100
43 21.7 0.0 0.0
58 63.2 51.1 76.7

Manual Integrations
APPROVED

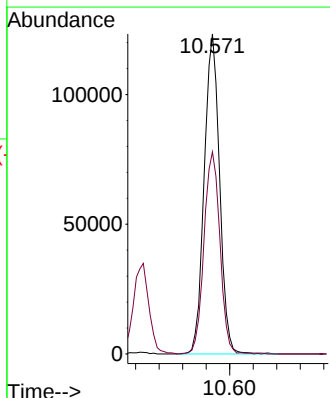
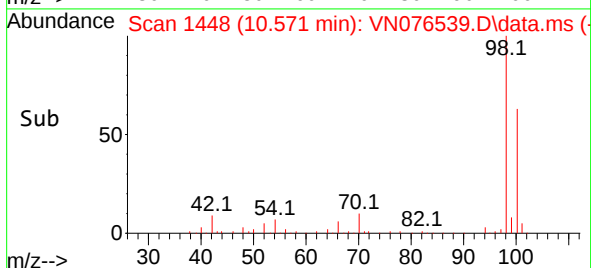
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

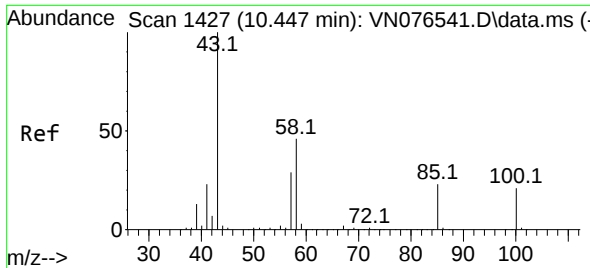


#50
Toluene-d8
Concen: 7.869 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



Tgt Ion: 98 Resp: 223466
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





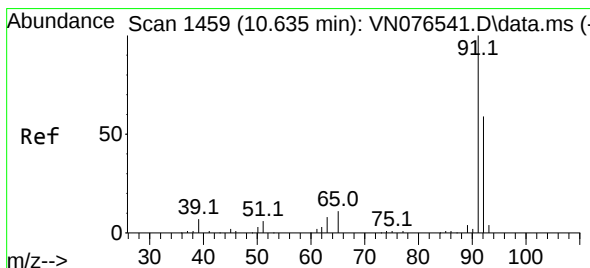
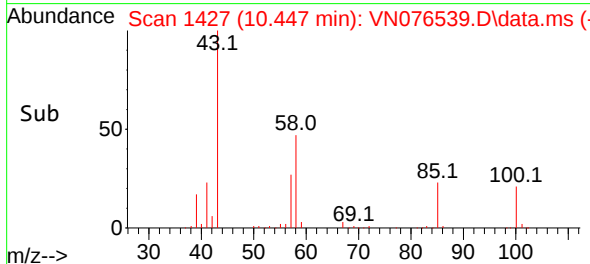
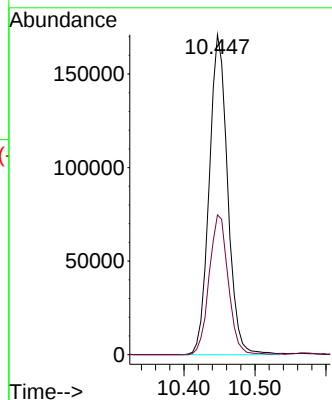
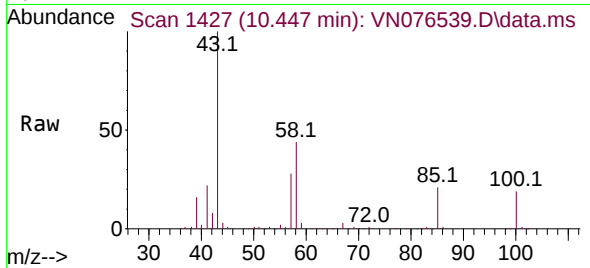
#51
4-Methyl-2-Pentanone
Concen: 48.262 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 30884
Ion Ratio Lower Upper
43 100
58 45.2 36.4 54.6

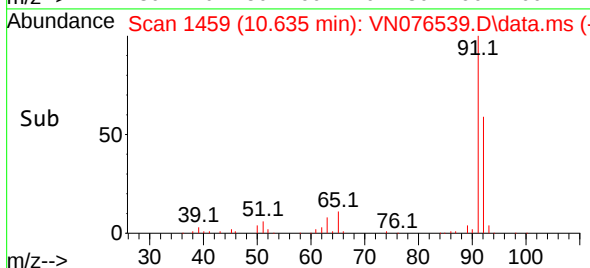
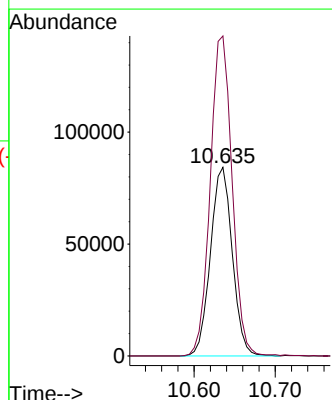
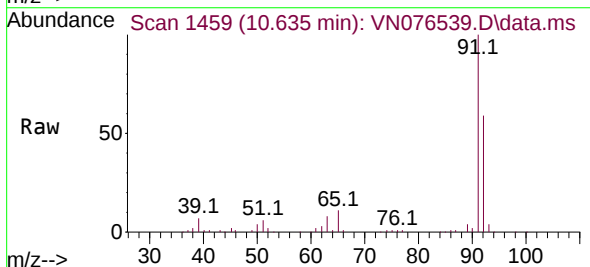
Manual Integrations
APPROVED

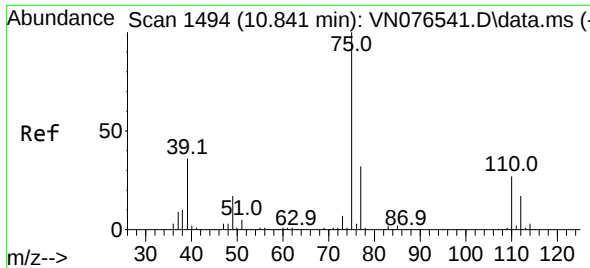
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#52
Toluene
Concen: 9.848 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

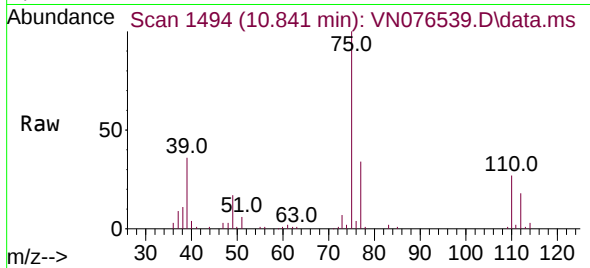
Tgt Ion: 92 Resp: 157508
Ion Ratio Lower Upper
92 100
91 170.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 9.423 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

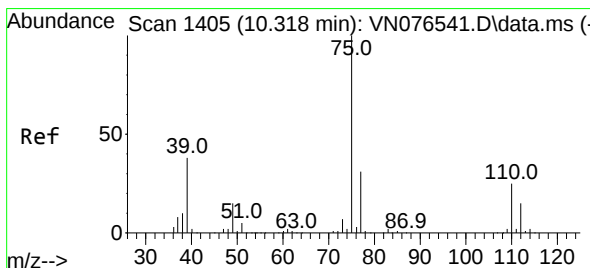
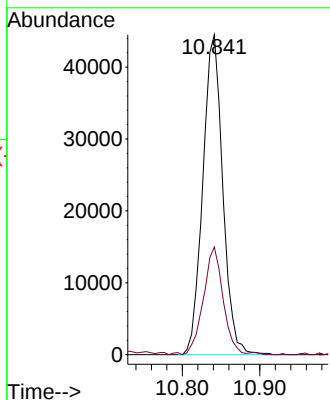
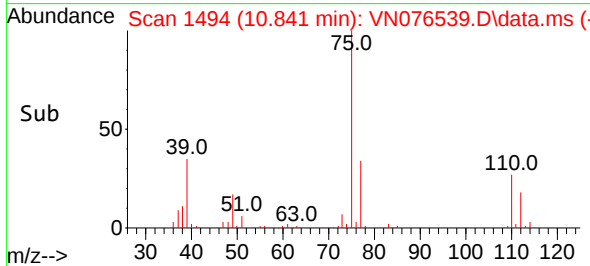
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 7957
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4

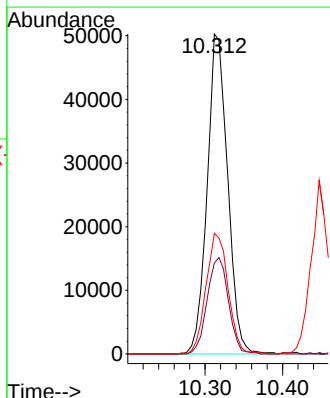
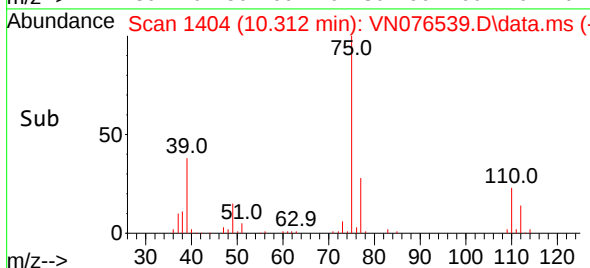
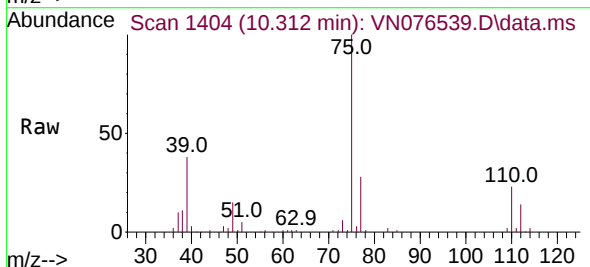
Manual Integrations
APPROVED

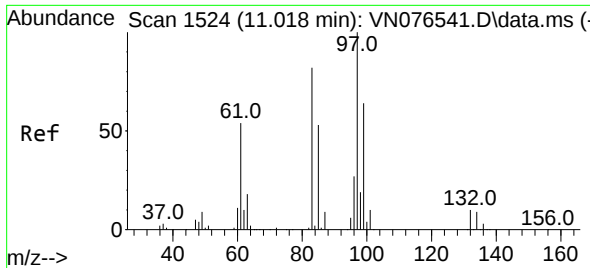
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#54
cis-1,3-Dichloropropene
Concen: 9.696 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

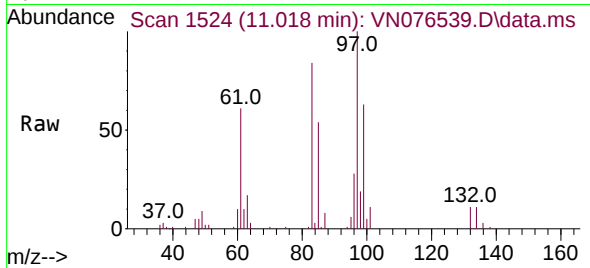
Tgt Ion: 75 Resp: 92386
Ion Ratio Lower Upper
75 100
77 28.4 25.1 37.7
39 37.7 30.6 45.8





#55
1,1,2-Trichloroethane
Concen: 9.669 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

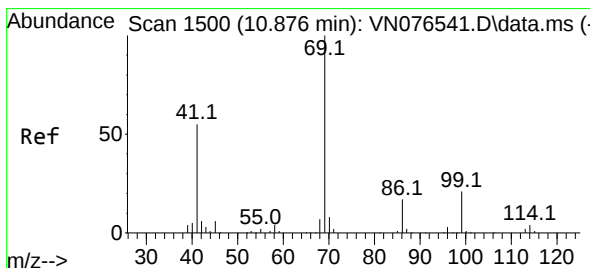
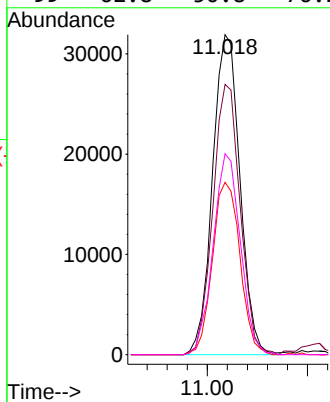
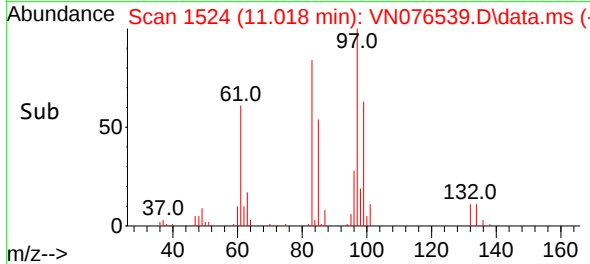


Tgt Ion: 97 Resp: 60534

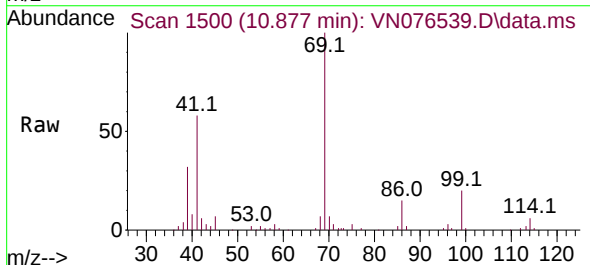
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.6
85	53.9	42.3	63.5
99	62.8	50.8	76.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

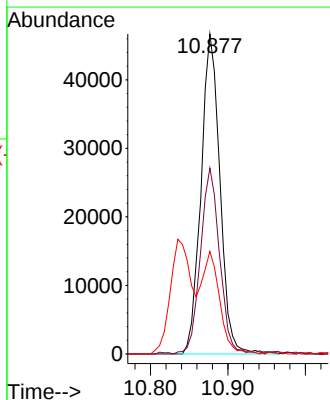
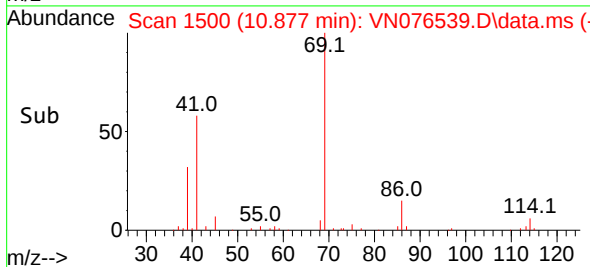


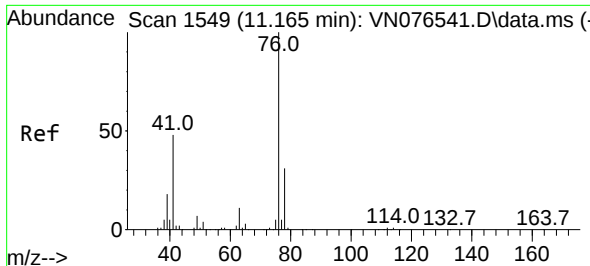
#56
Ethyl methacrylate
Concen: 9.448 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



Tgt Ion: 69 Resp: 79393

Ion	Ratio	Lower	Upper
69	100		
41	58.9	43.8	65.6
39	30.3	21.4	32.2





#57

1,3-Dichloropropane

Concen: 9.753 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 10077

Ion Ratio Lower Upper

76 100

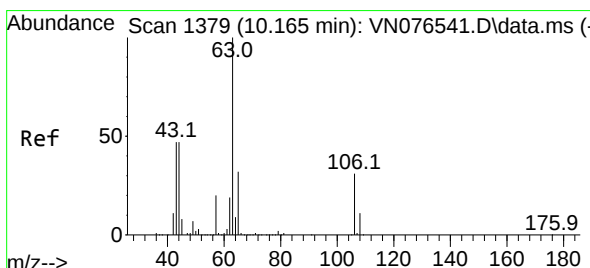
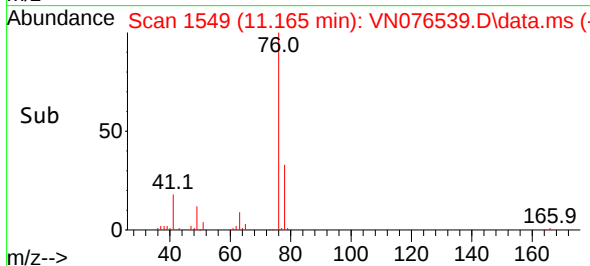
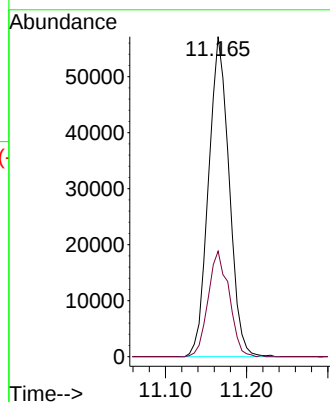
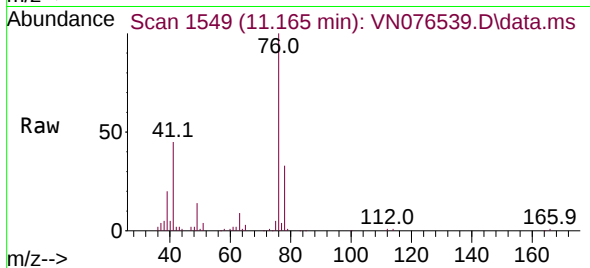
78 33.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 45.665 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076539.D

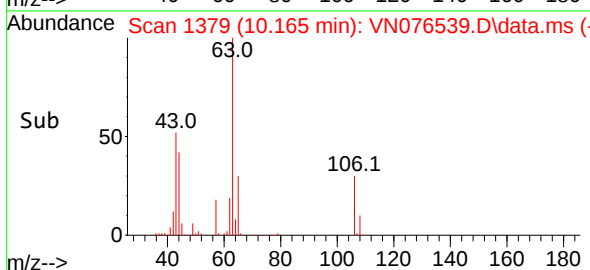
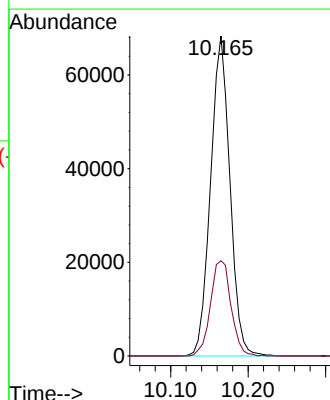
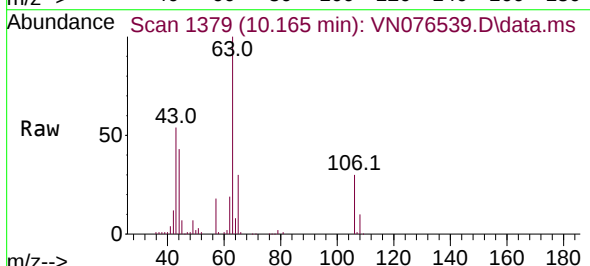
Acq: 06 Feb 2023 13:10

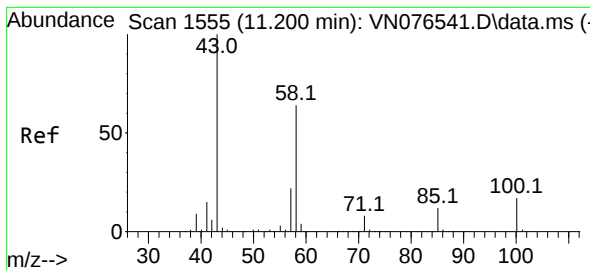
Tgt Ion: 63 Resp: 118622

Ion Ratio Lower Upper

63 100

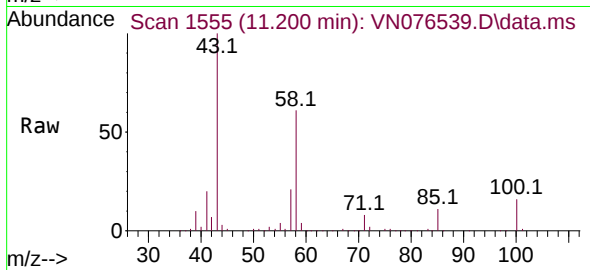
106 31.5 25.0 37.6





#59
2-Hexanone
Concen: 47.829 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

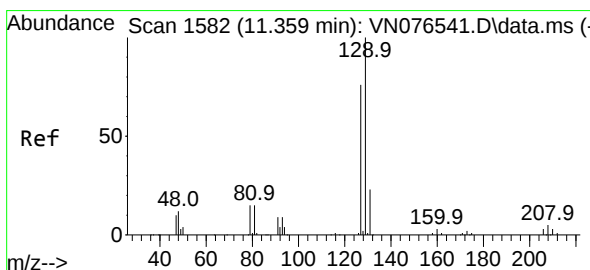
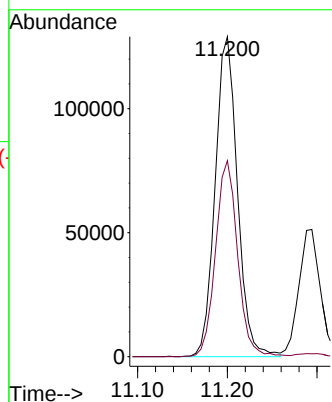
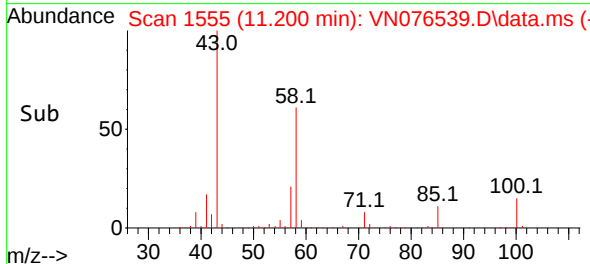
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



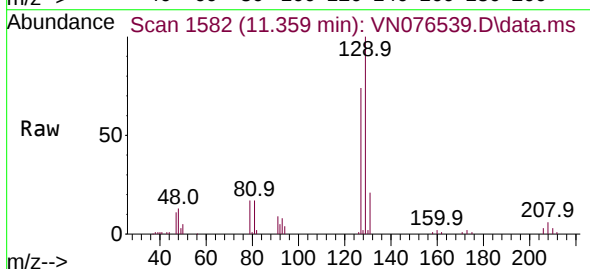
Tgt Ion: 43 Resp: 222368
Ion Ratio Lower Upper
43 100
58 60.9 31.9 95.7

Manual Integrations
APPROVED

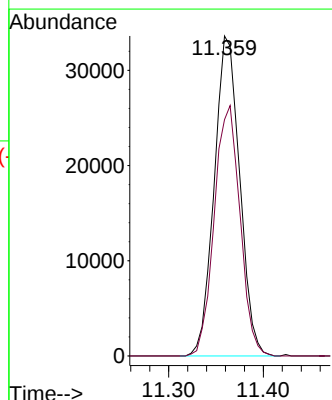
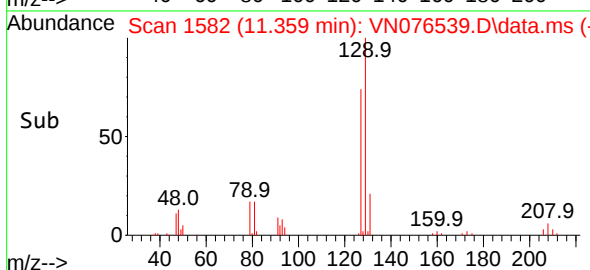
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

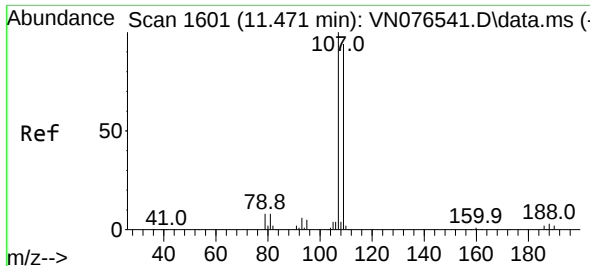


#60
Dibromochloromethane
Concen: 9.449 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



Tgt Ion:129 Resp: 62859
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.3





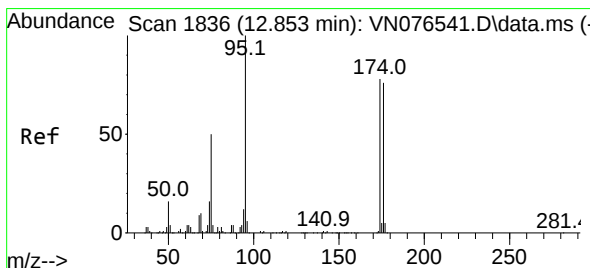
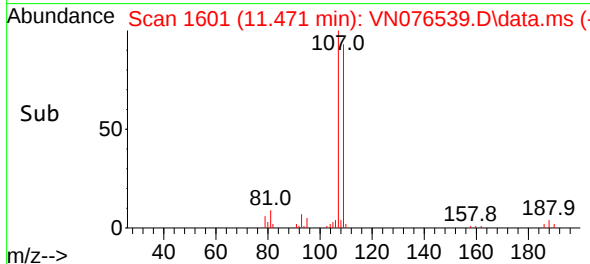
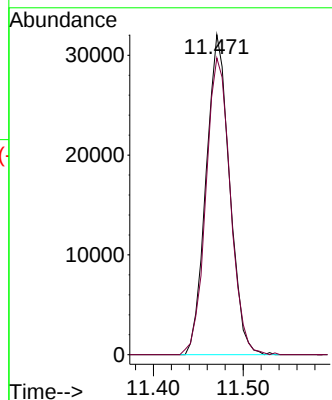
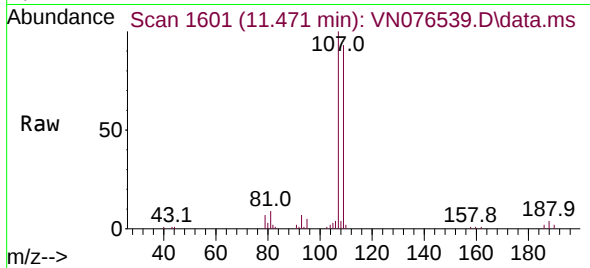
#61
1,2-Dibromoethane
Concen: 9.334 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 5837
Ion Ratio Lower Upper
107 100
109 96.2 74.9 112.3

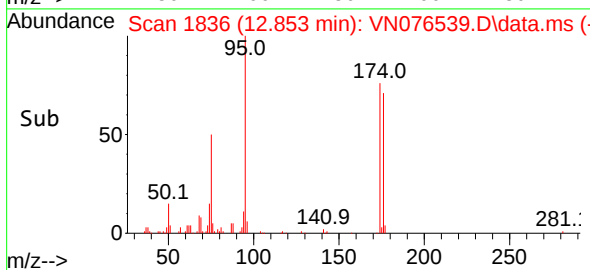
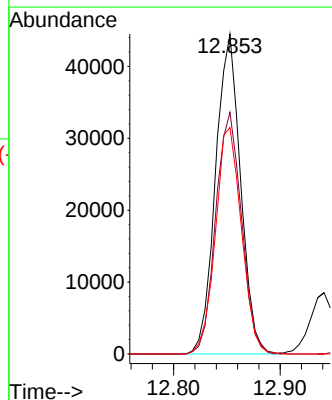
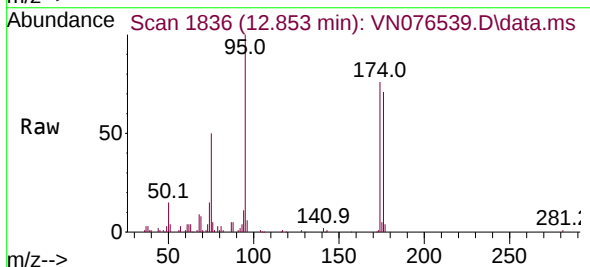
Manual Integrations
APPROVED

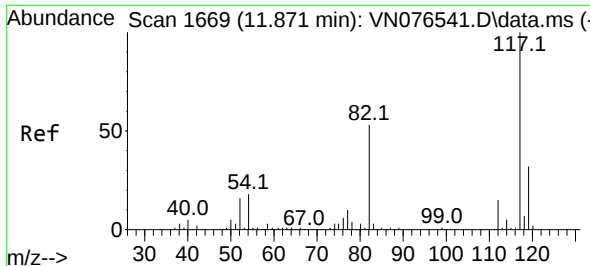
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#62
4-Bromofluorobenzene
Concen: 7.780 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

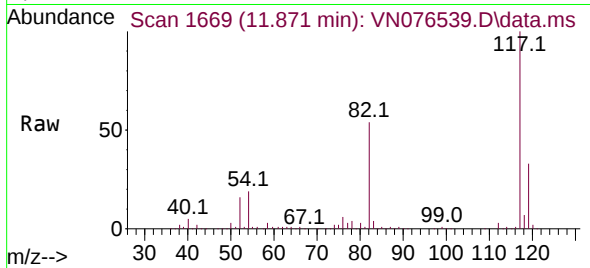
Tgt Ion: 95 Resp: 72508
Ion Ratio Lower Upper
95 100
174 77.9 0.0 153.4
176 73.6 0.0 149.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

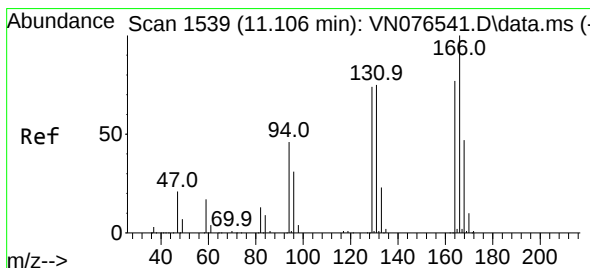
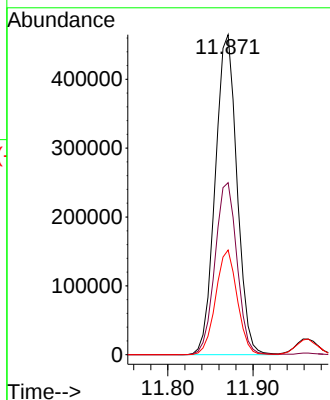
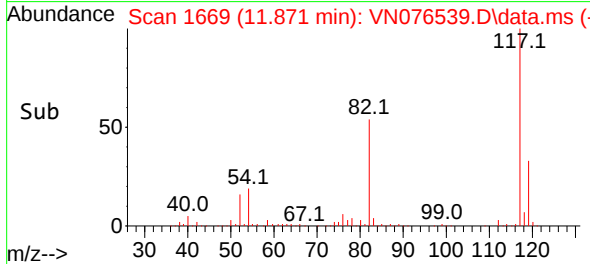
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 82440
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 32.7 25.8 38.8

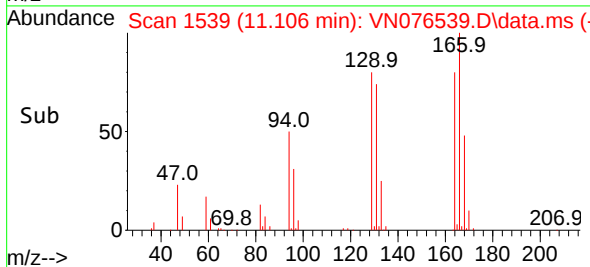
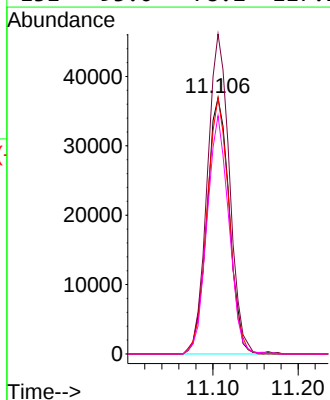
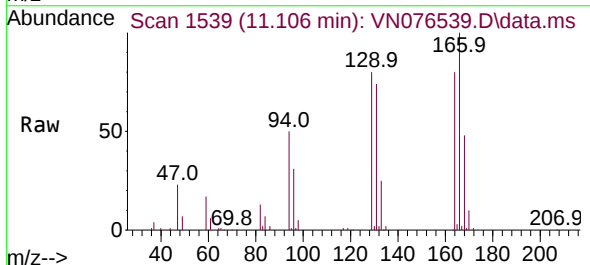
Manual Integrations
APPROVED

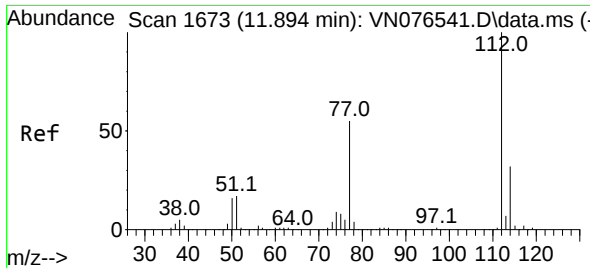
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#64
Tetrachloroethene
Concen: 9.663 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

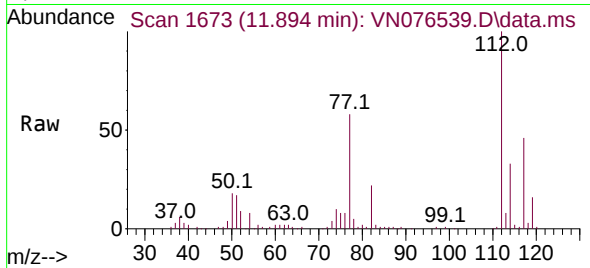
Tgt Ion:164 Resp: 67248
Ion Ratio Lower Upper
164 100
166 124.9 104.3 156.5
129 100.0 77.7 116.5
131 93.0 78.2 117.2





#65
Chlorobenzene
Concen: 9.453 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

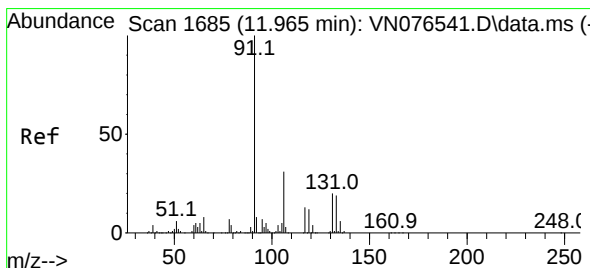
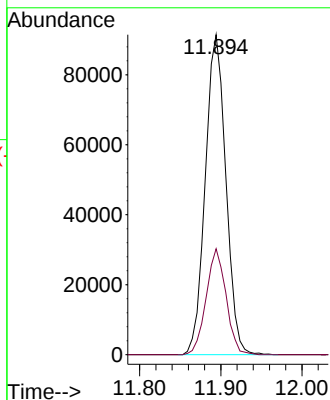
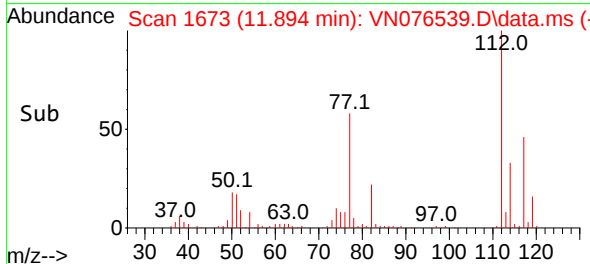
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



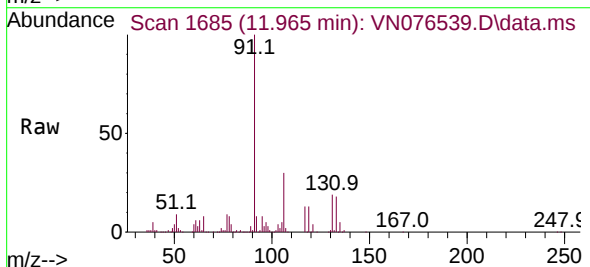
Tgt Ion:112 Resp: 161162
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

Manual Integrations
APPROVED

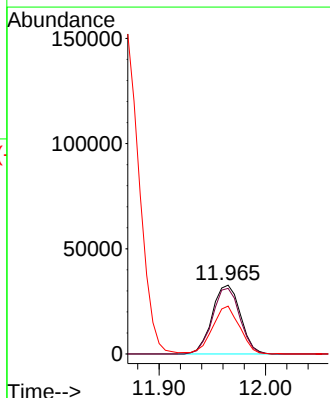
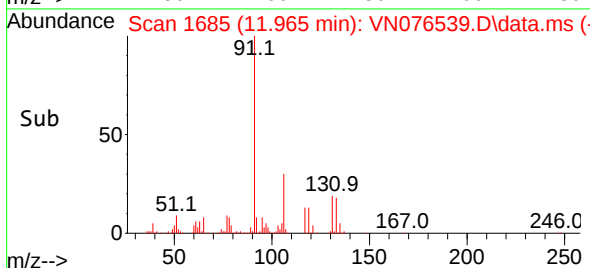
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

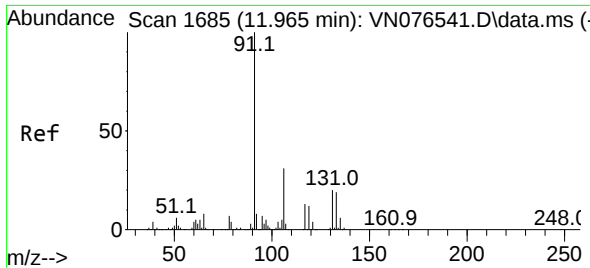


#66
1,1,1,2-Tetrachloroethane
Concen: 9.652 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



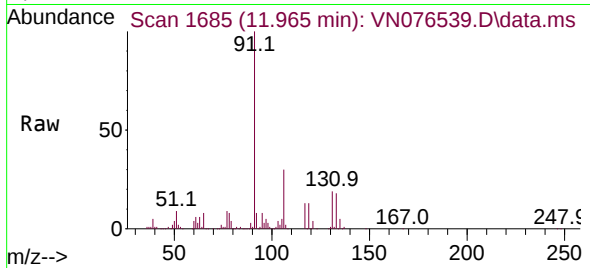
Tgt Ion:131 Resp: 60306
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.5
119 67.5 31.6 94.7





#67
Ethyl Benzene
Concen: 9.492 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

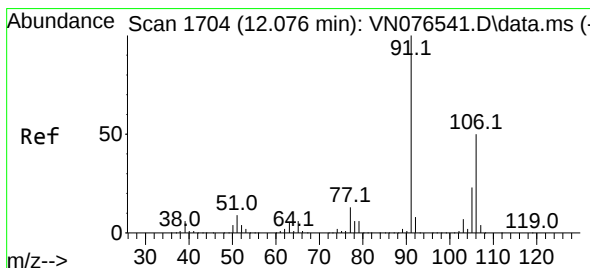
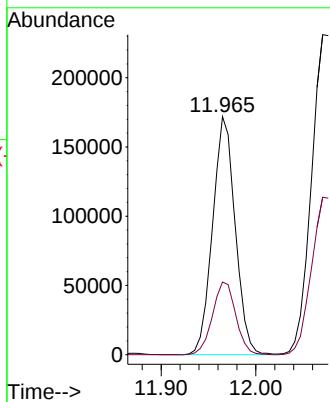
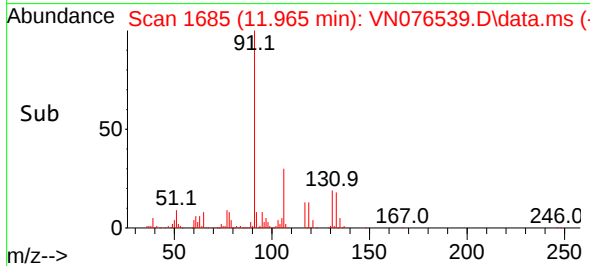
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



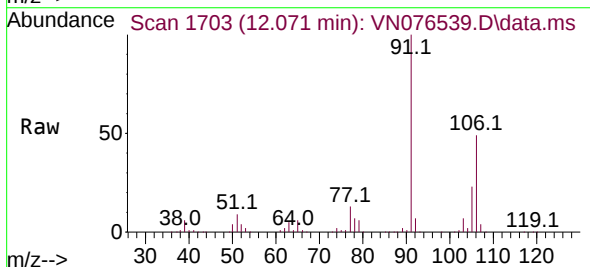
Tgt Ion: 91 Resp: 284860
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

Manual Integrations
APPROVED

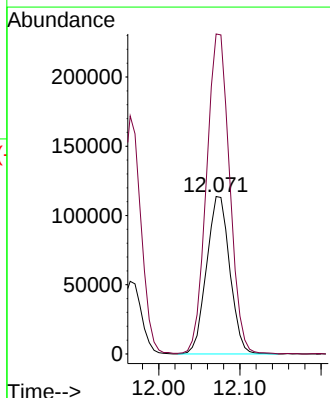
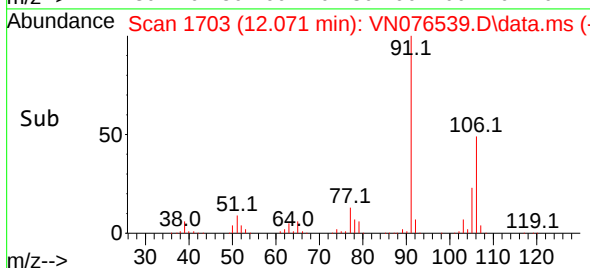
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

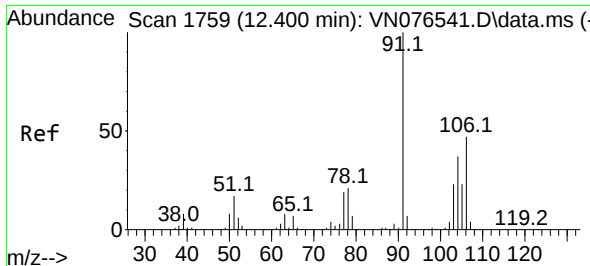


#68
m/p-Xylenes
Concen: 19.404 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



Tgt Ion:106 Resp: 225840
Ion Ratio Lower Upper
106 100
91 202.1 160.2 240.4





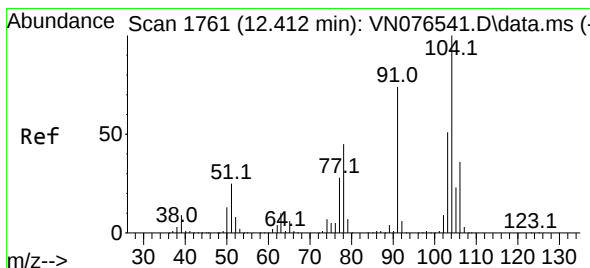
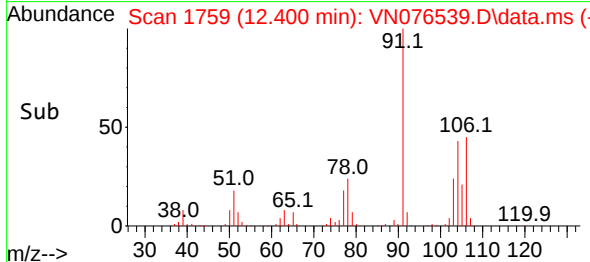
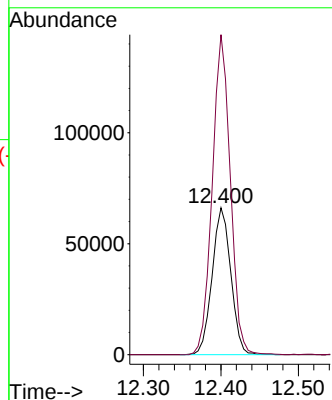
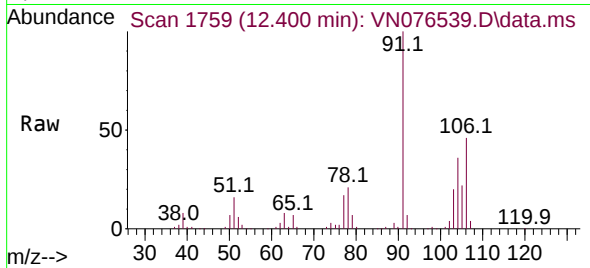
#69
o-Xylene
Concen: 9.716 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 11113
Ion Ratio Lower Upper
106 100
91 210.4 105.7 317.0

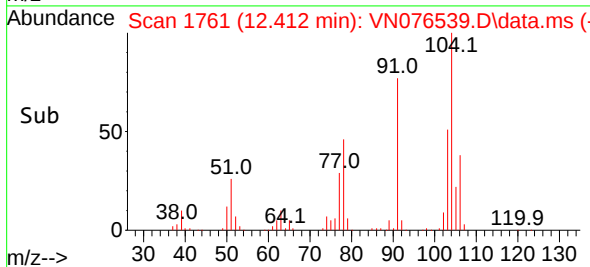
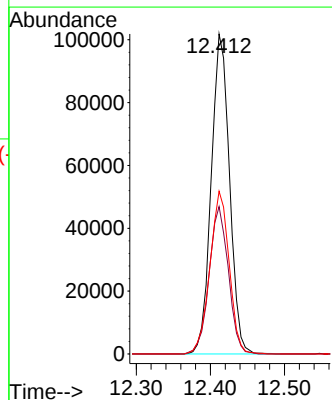
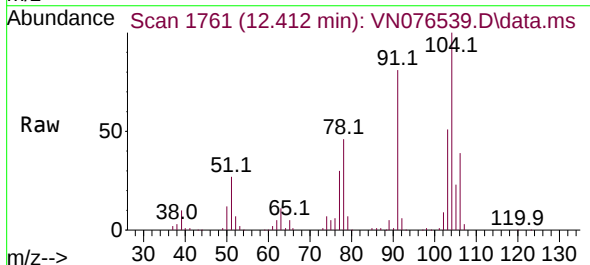
Manual Integrations
APPROVED

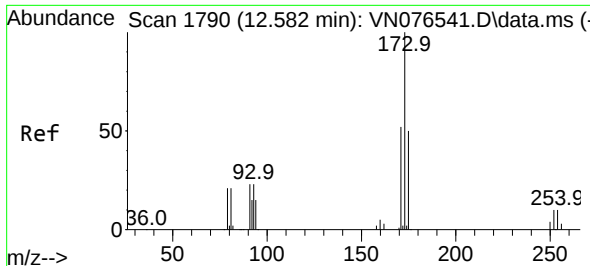
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#70
Styrene
Concen: 9.598 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

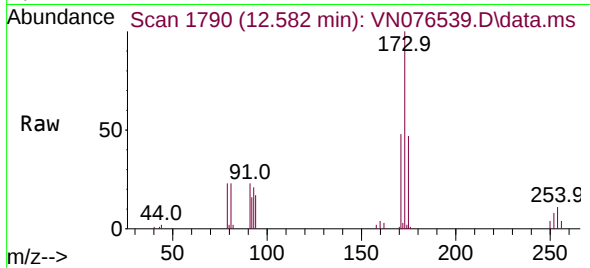
Tgt Ion:104 Resp: 174596
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 53.6 43.6 65.4





#71
Bromoform
Concen: 9.413 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

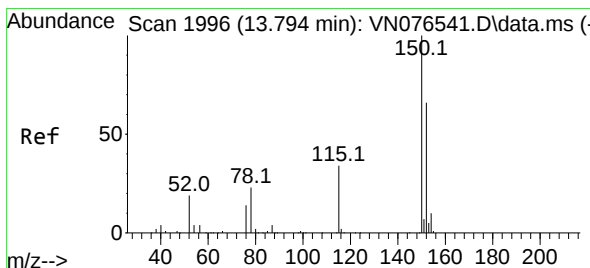
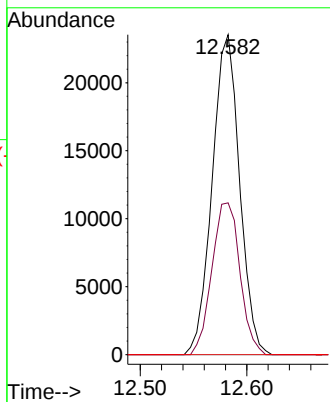
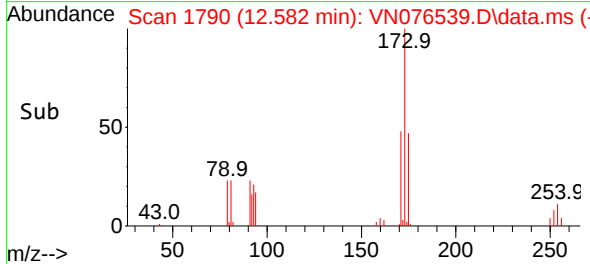
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



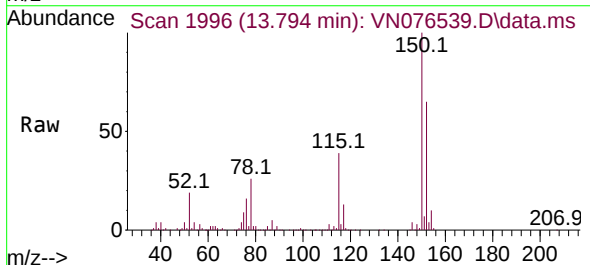
Tgt Ion:173 Resp: 41969
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

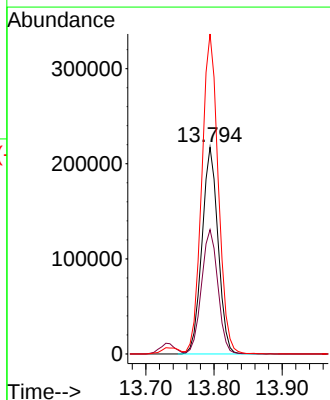
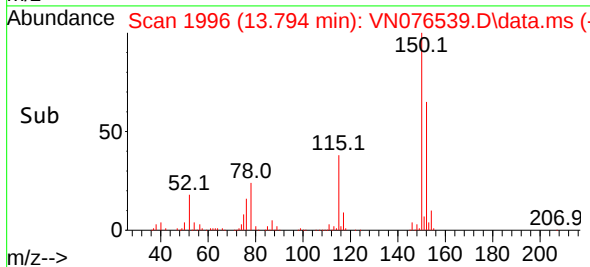
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

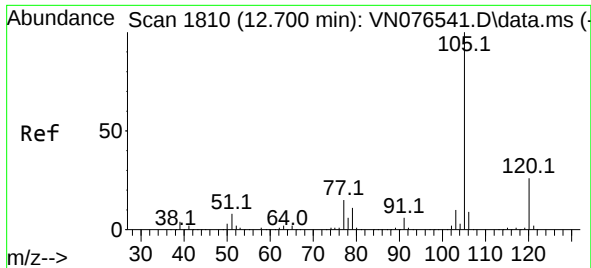


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10



Tgt Ion:152 Resp: 355411
Ion Ratio Lower Upper
152 100
115 61.3 30.5 91.5
150 159.9 0.0 352.0





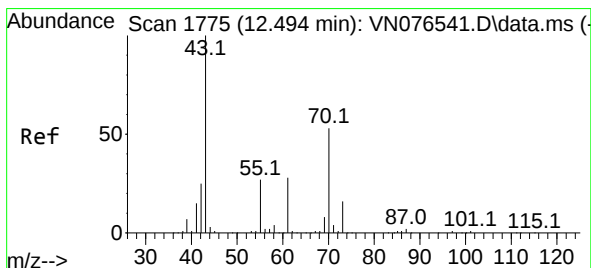
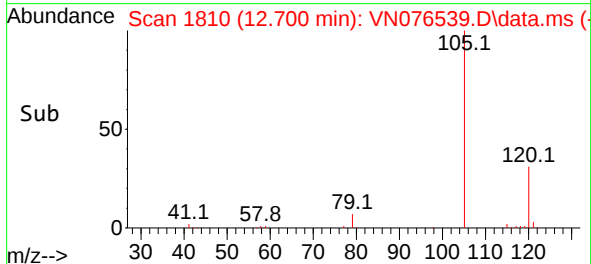
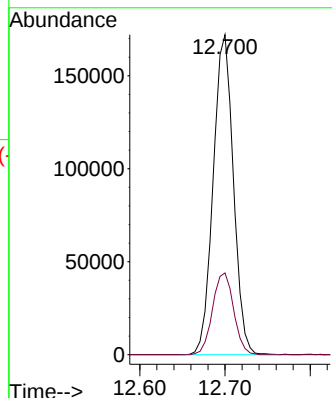
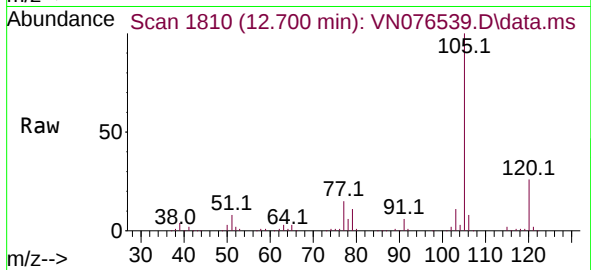
#73
Isopropylbenzene
Concen: 10.008 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 283528
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

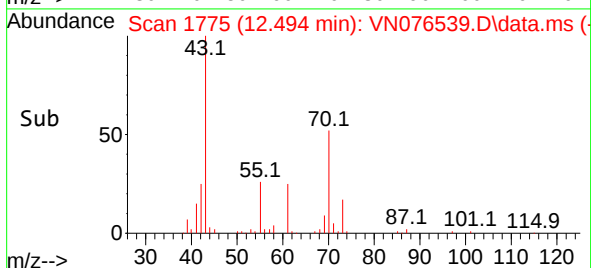
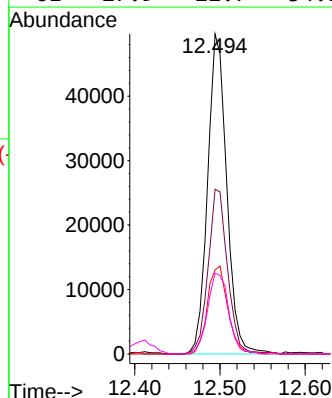
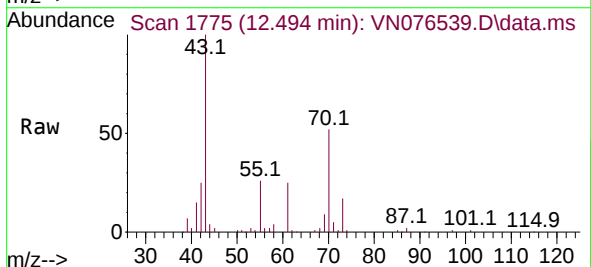
Manual Integrations
APPROVED

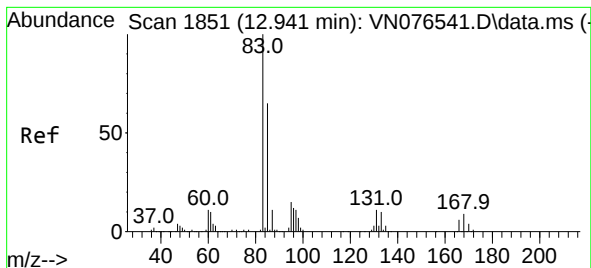
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#74
N-ethyl acetate
Concen: 9.379 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 43 Resp: 77443
Ion Ratio Lower Upper
43 100
70 52.4 42.6 64.0
55 29.3 22.3 33.5
61 27.9 22.7 34.1





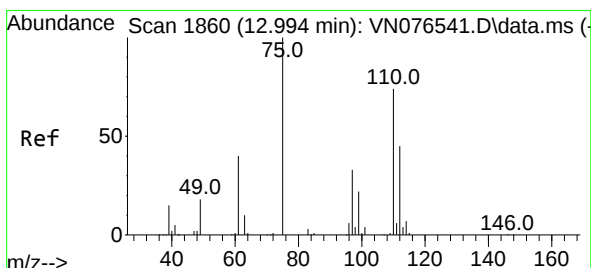
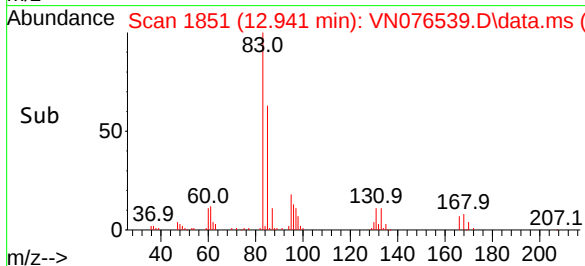
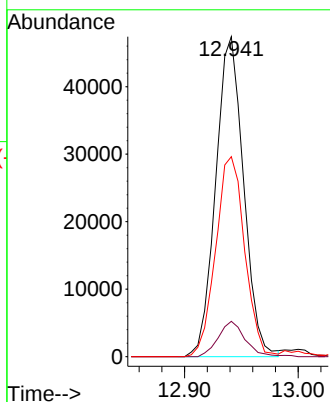
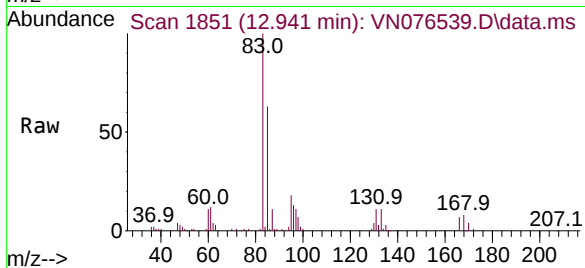
#75
1,1,2,2-Tetrachloroethane
Concen: 9.851 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 80880
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.7
85 64.9 32.3 96.8

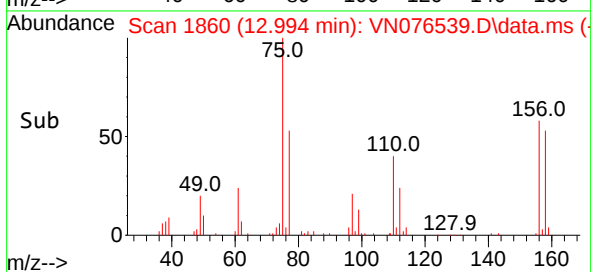
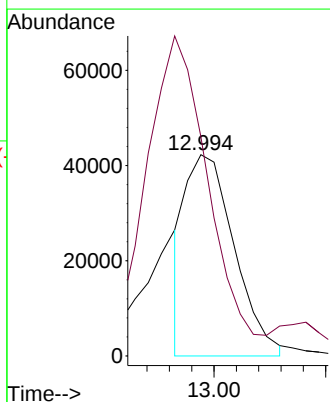
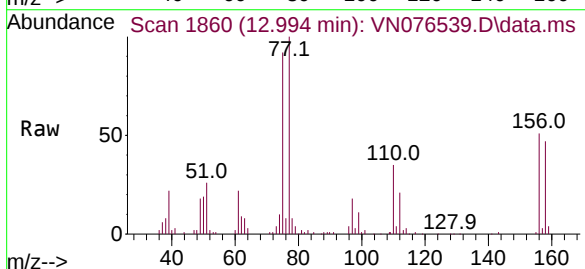
Manual Integrations
APPROVED

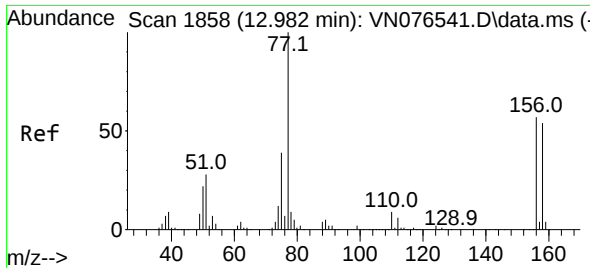
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#76
1,2,3-Trichloropropane
Concen: 8.346 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 75 Resp: 64355
Ion Ratio Lower Upper
75 100
77 204.9 86.8 260.3





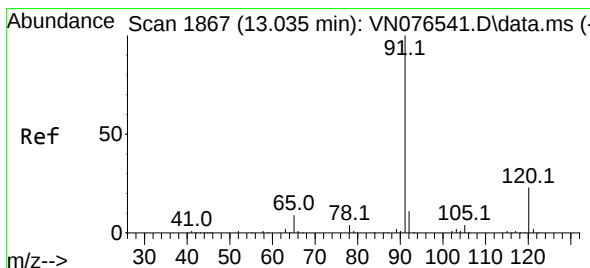
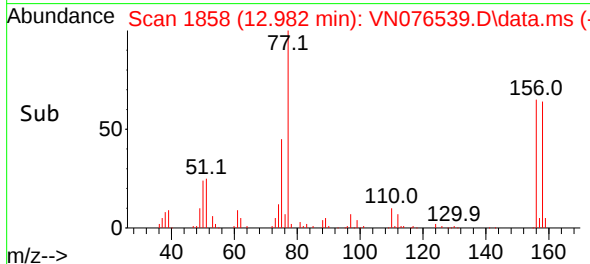
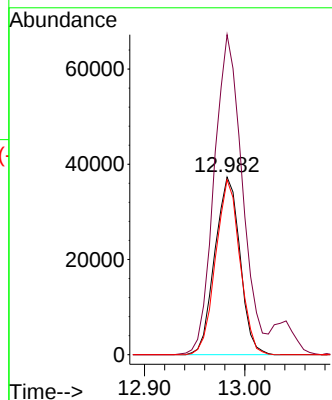
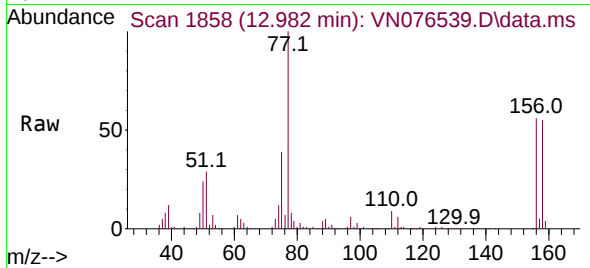
#77
Bromobenzene
Concen: 9.743 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 64938
Ion Ratio Lower Upper
156 100
77 203.0 101.2 303.6
158 94.9 48.5 145.6

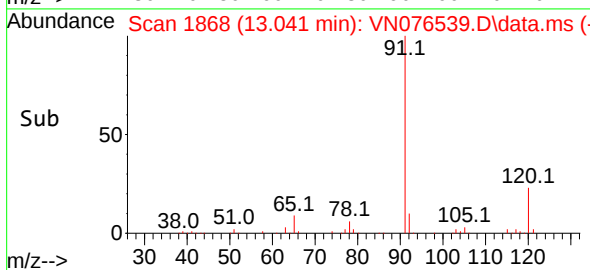
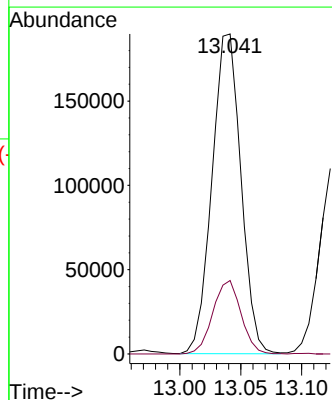
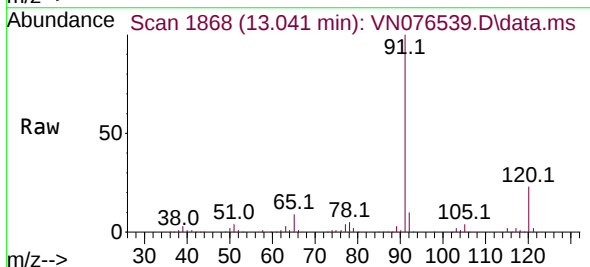
Manual Integrations
APPROVED

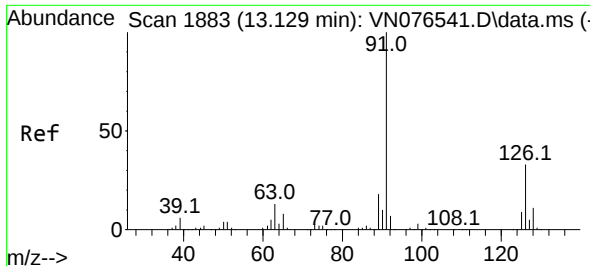
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#78
n-propylbenzene
Concen: 9.951 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 91 Resp: 313682
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5





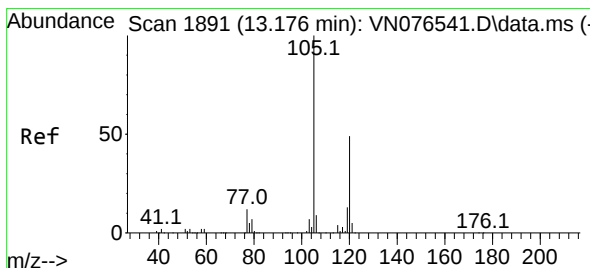
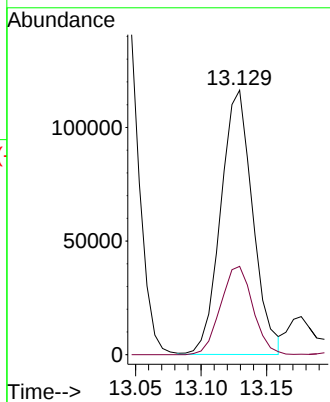
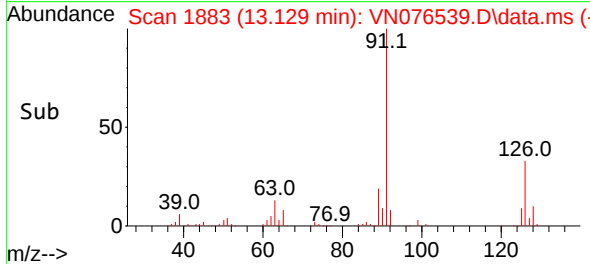
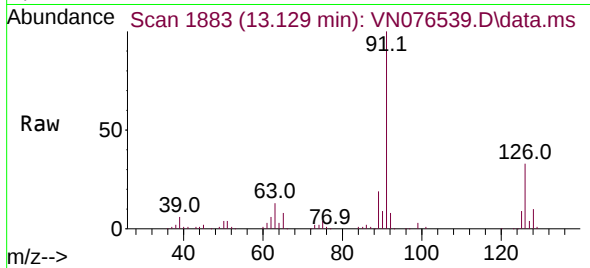
#79
2-Chlorotoluene
Concen: 9.883 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 19775
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.3

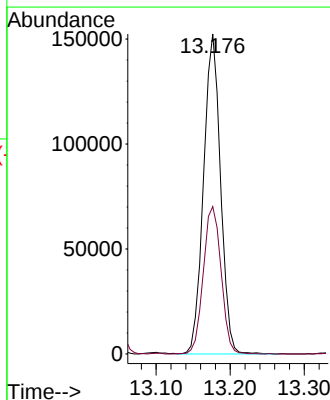
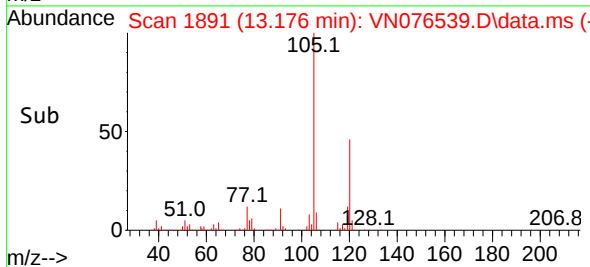
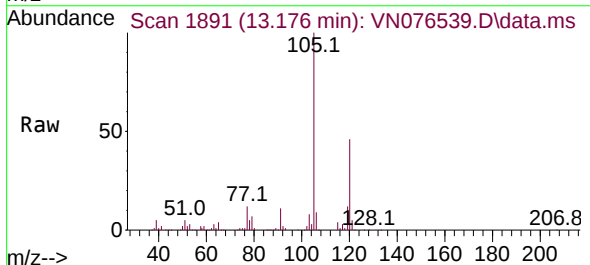
Manual Integrations
APPROVED

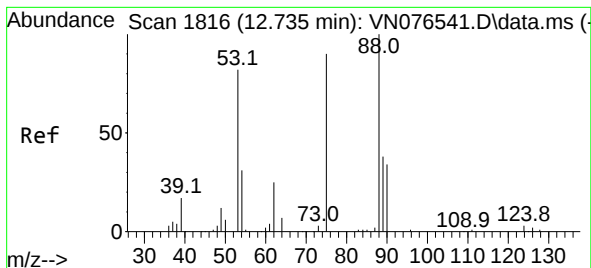
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.111 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion:105 Resp: 242826
Ion Ratio Lower Upper
105 100
120 48.2 24.2 72.6





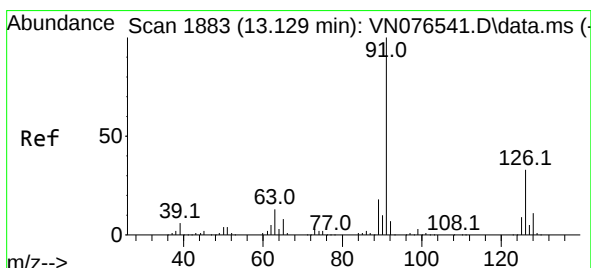
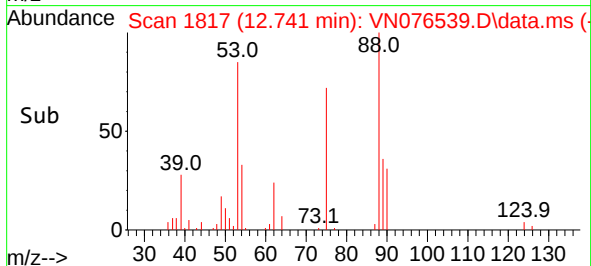
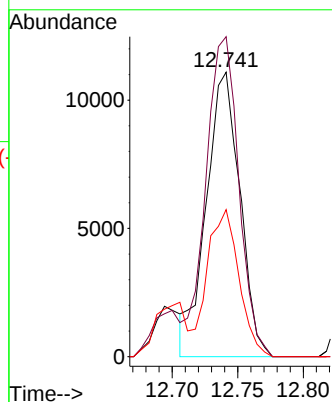
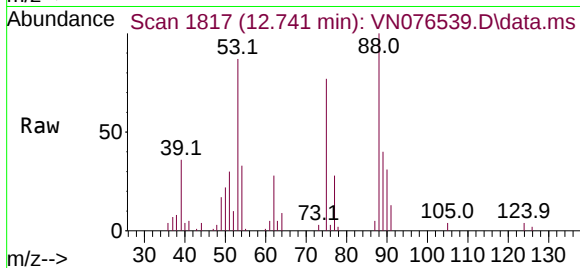
#81
trans-1,4-Dichloro-2-butene
Concen: 9.125 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 1983
Ion Ratio Lower Upper
75 100
53 110.7 72.7 109.1
89 48.9 38.4 57.6

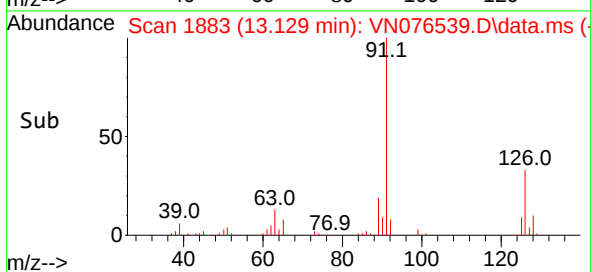
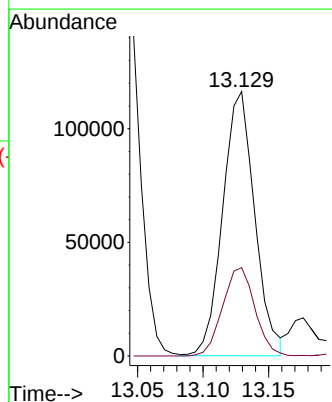
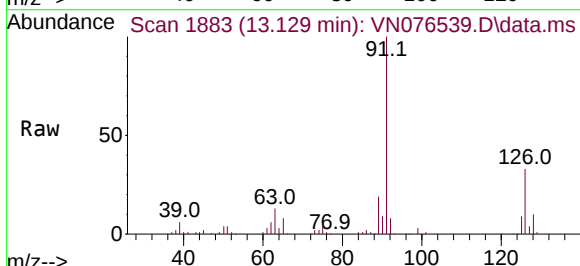
Manual Integrations
APPROVED

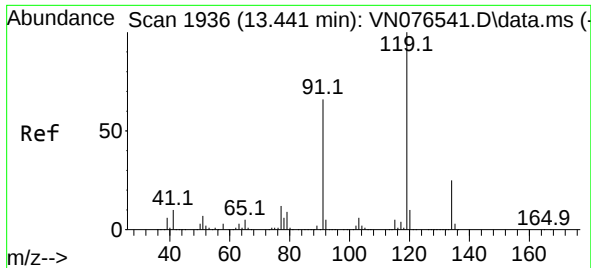
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#82
4-Chlorotoluene
Concen: 9.883 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

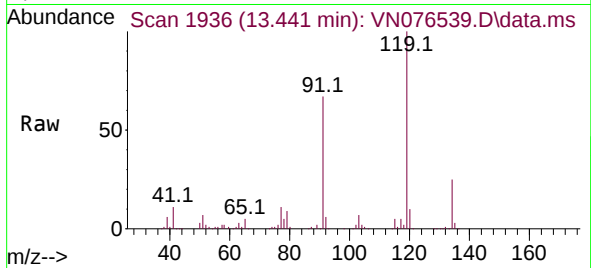
Tgt Ion: 91 Resp: 197757
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.3





#83
 tert-Butylbenzene
 Concen: 10.084 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10

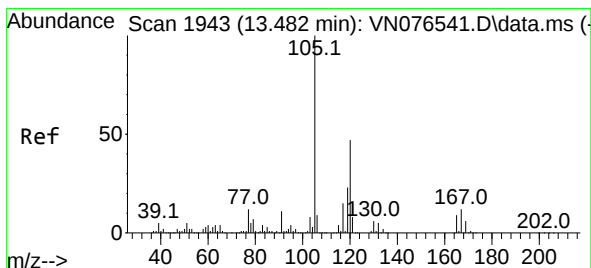
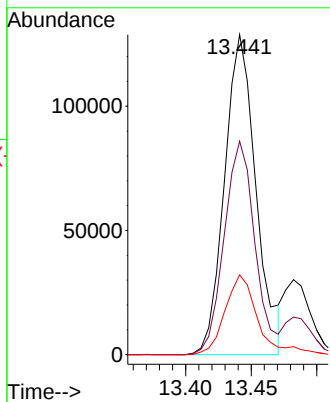
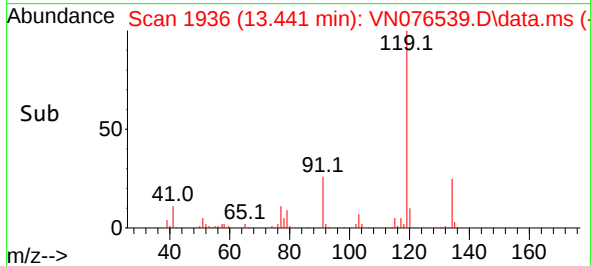
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



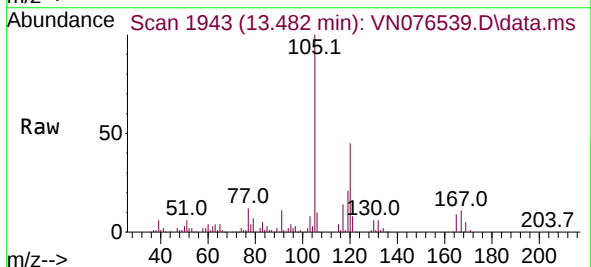
Tgt Ion:119 Resp: 215340
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.1 96.3
 134 26.0 12.9 38.6

Manual Integrations
 APPROVED

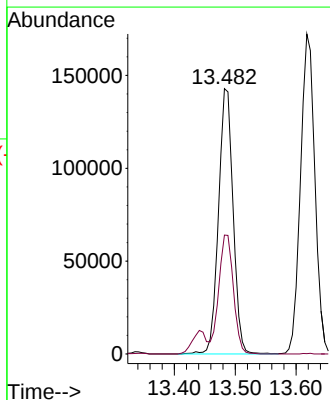
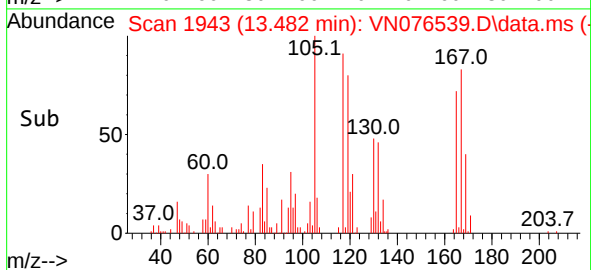
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

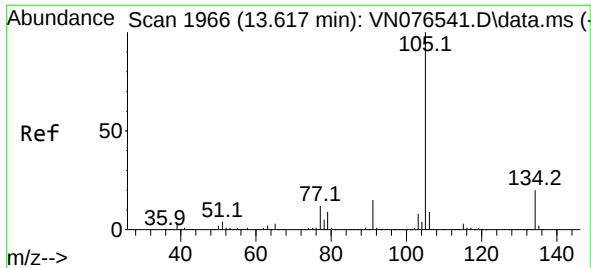


#84
 1,2,4-Trimethylbenzene
 Concen: 10.001 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10



Tgt Ion:105 Resp: 238257
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.5 67.5





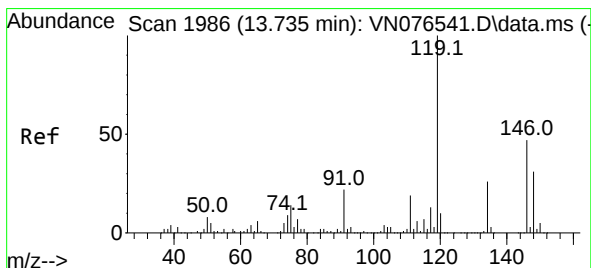
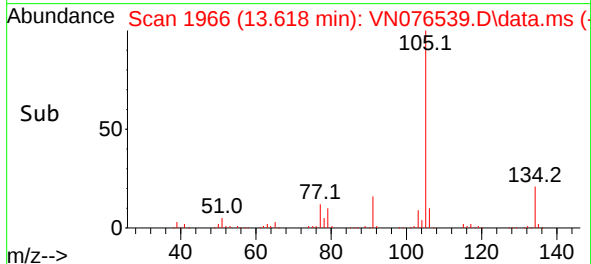
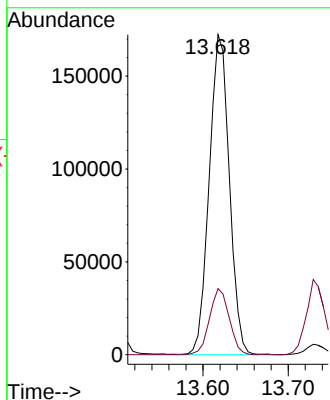
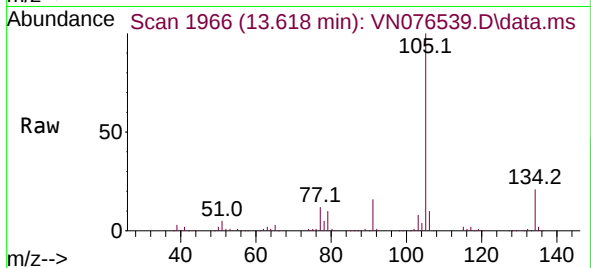
#85
 sec-Butylbenzene
 Concen: 9.820 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 28267
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

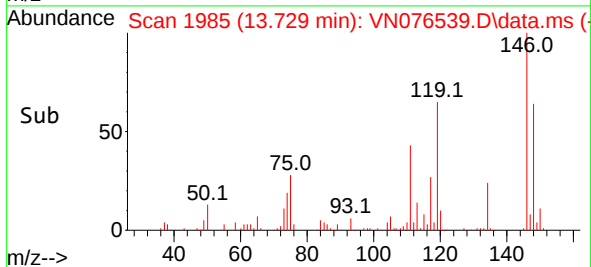
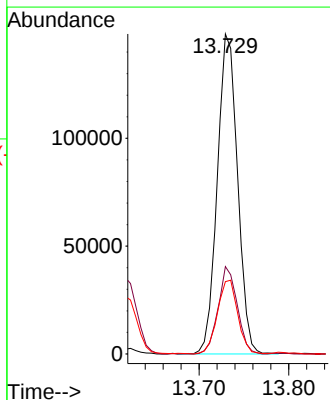
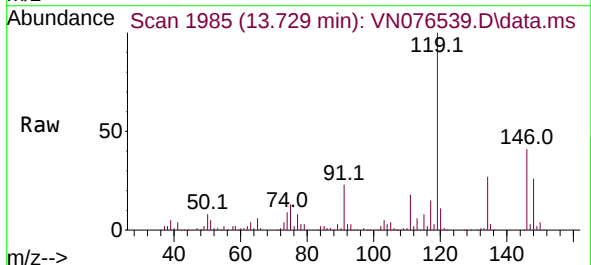
Manual Integrations
 APPROVED

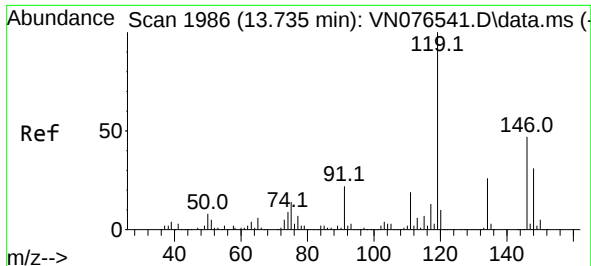
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#86
 p-Isopropyltoluene
 Concen: 9.942 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076539.D
 Acq: 06 Feb 2023 13:10

Tgt Ion:119 Resp: 233063
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.2 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 9.547 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 11788

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.5

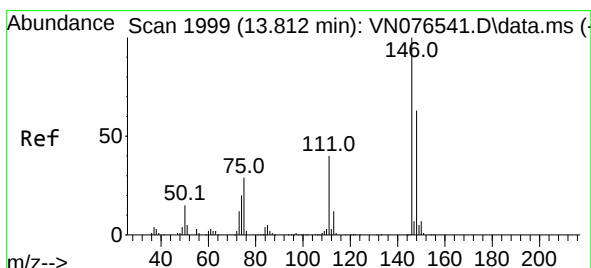
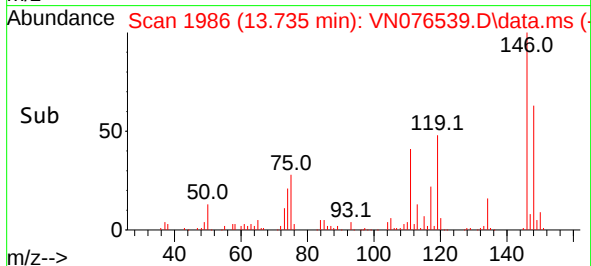
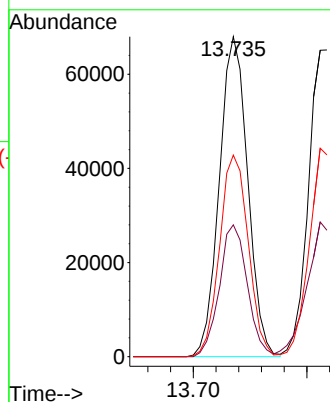
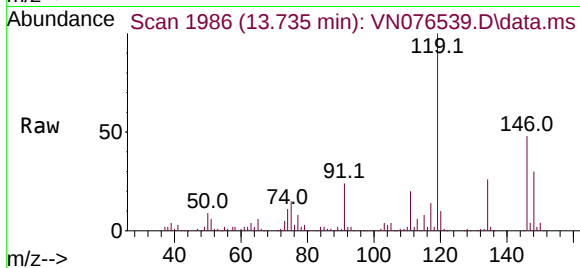
148 63.6 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#88

1,4-Dichlorobenzene

Concen: 9.189 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

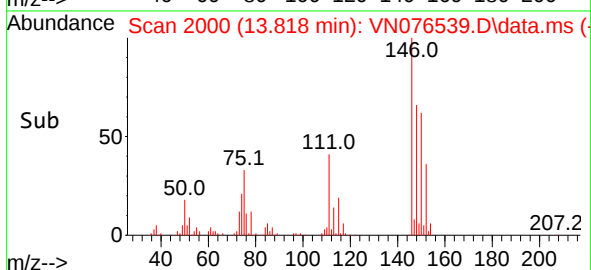
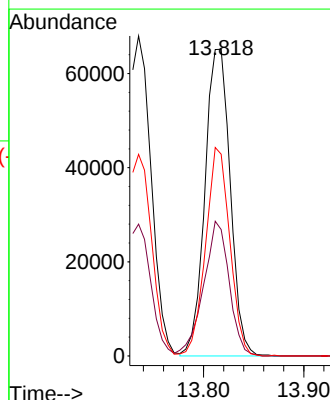
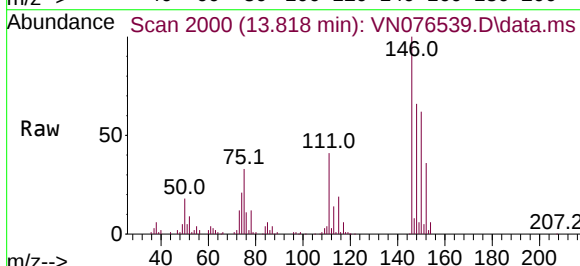
Tgt Ion:146 Resp: 114447

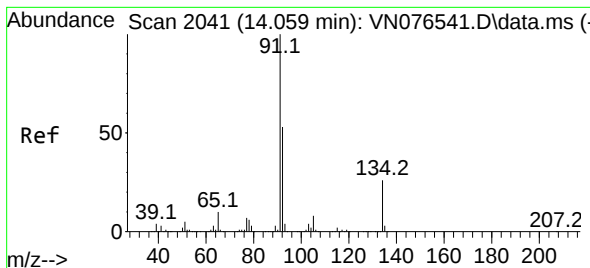
Ion Ratio Lower Upper

146 100

111 44.5 20.1 60.2

148 65.1 31.6 95.0





#89

n-Butylbenzene

Concen: 9.254 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

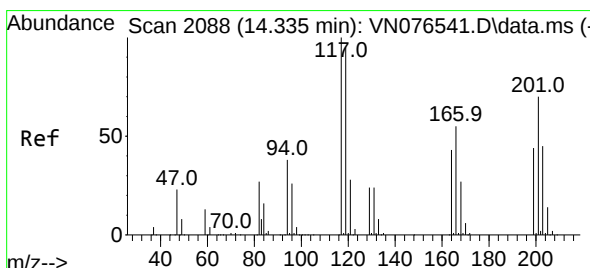
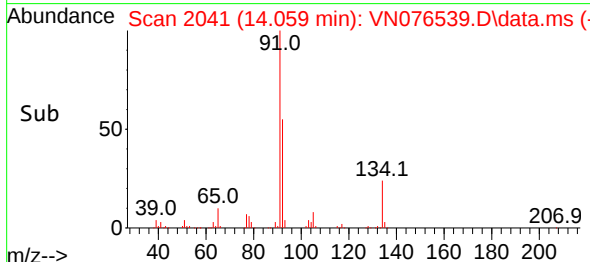
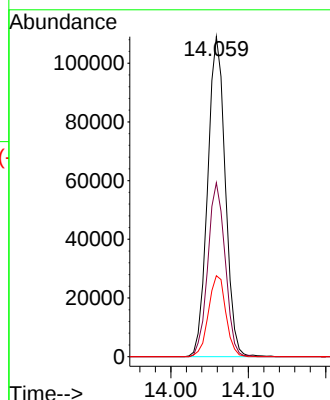
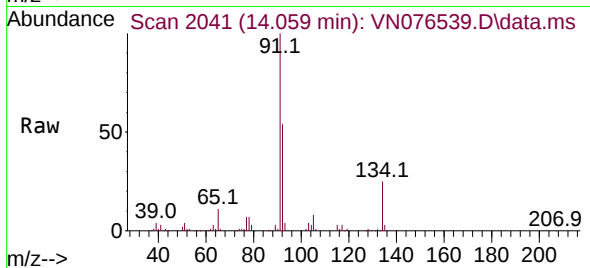
Tgt Ion: 91 Resp: 172090
 Ion Ratio Lower Upper
 91 100
 92 53.3 26.9 80.7
 134 25.0 13.0 39.0

Manual Integrations

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Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#90

Hexachloroethane

Concen: 9.980 ug/l

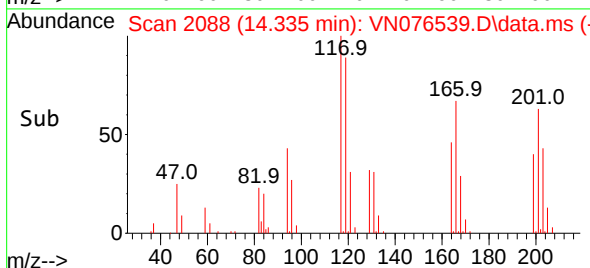
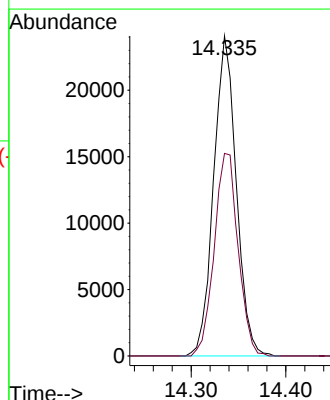
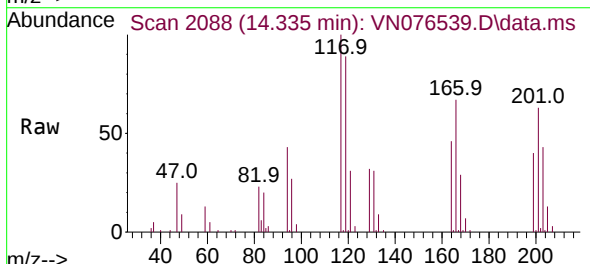
RT: 14.335 min Scan# 2088

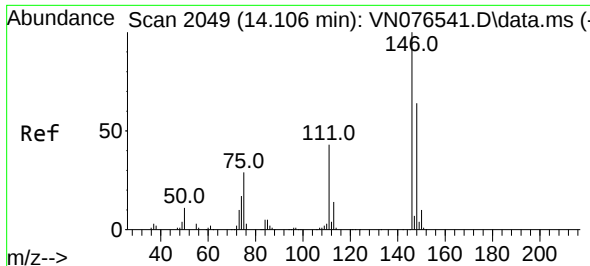
Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Tgt Ion:117 Resp: 39946
 Ion Ratio Lower Upper
 117 100
 201 66.8 36.5 109.7





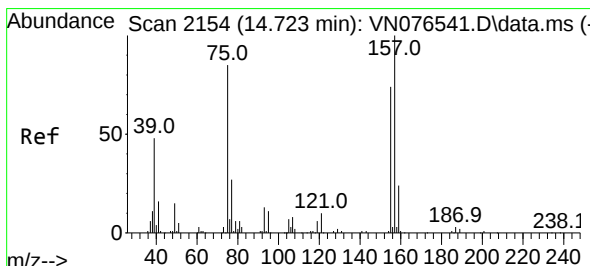
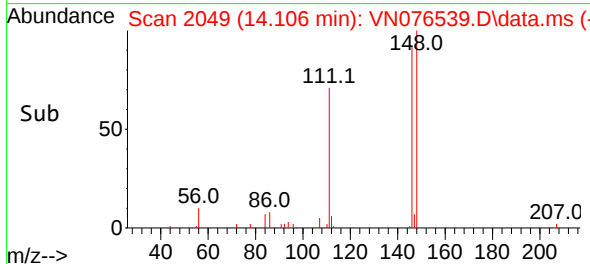
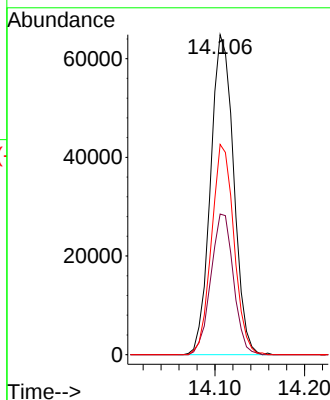
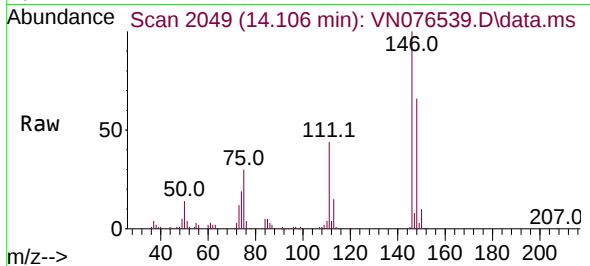
#91
1,2-Dichlorobenzene
Concen: 9.568 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 11592
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.9
148 64.0 32.3 96.9

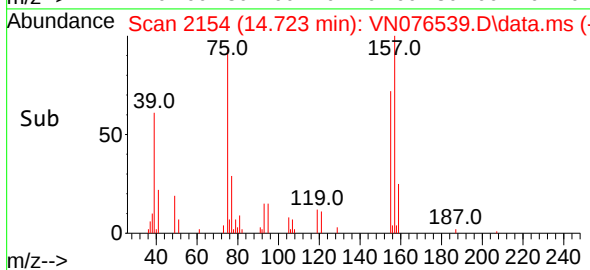
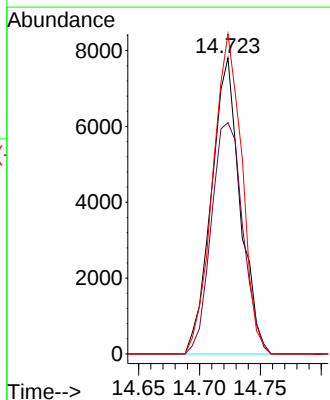
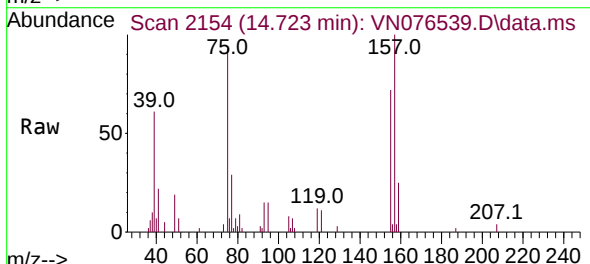
Manual Integrations
APPROVED

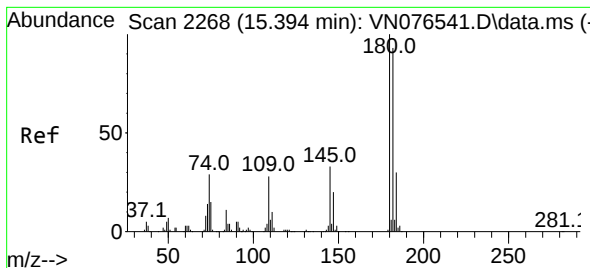
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.110 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion: 75 Resp: 12893
Ion Ratio Lower Upper
75 100
155 85.3 45.0 135.0
157 109.0 57.6 173.0





#93

1,2,4-Trichlorobenzene

Concen: 8.506 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

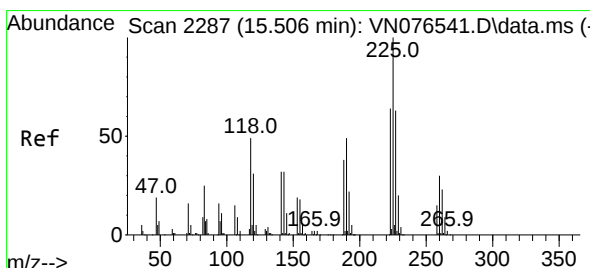
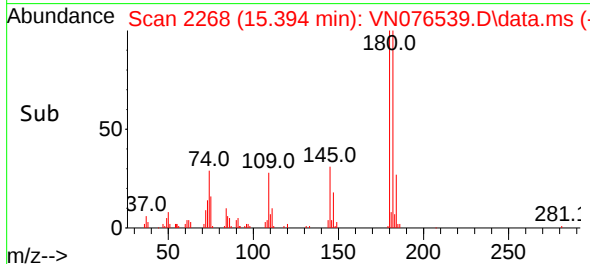
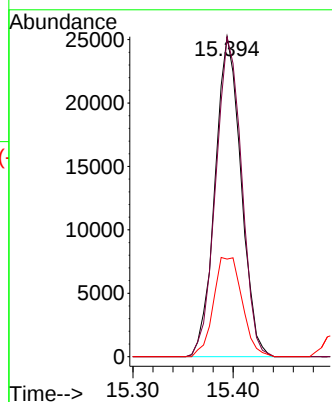
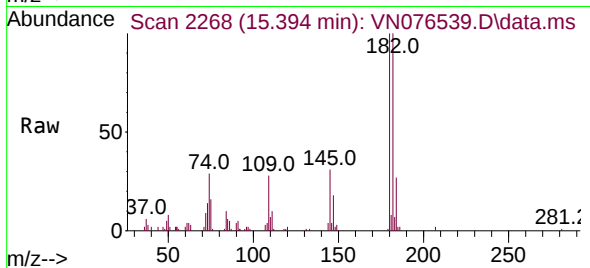
Tgt Ion:180	Resp:	45419
Ion Ratio	Lower	Upper
180	100	
182	99.3	47.2 141.6
145	34.2	16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#94

Hexachlorobutadiene

Concen: 9.135 ug/l

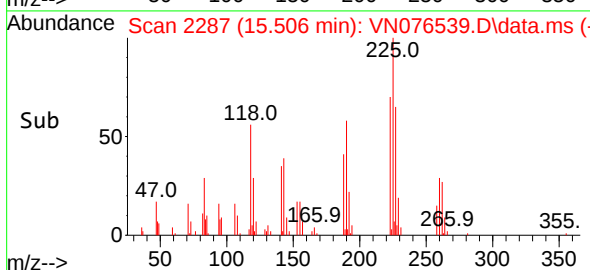
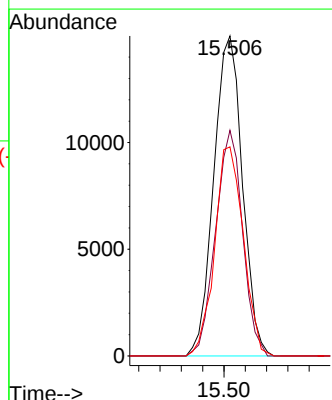
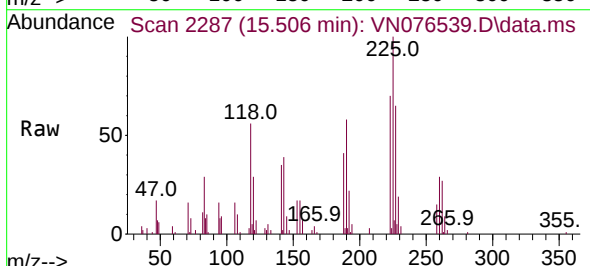
RT: 15.506 min Scan# 2287

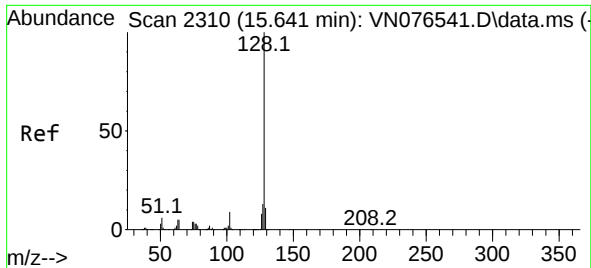
Delta R.T. 0.000 min

Lab File: VN076539.D

Acq: 06 Feb 2023 13:10

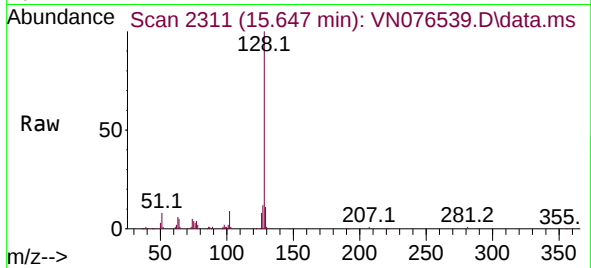
Tgt Ion:225	Resp:	28007
Ion Ratio	Lower	Upper
225	100	
223	66.5	31.3 93.9
227	65.3	31.6 95.0





#95
Naphthalene
Concen: 8.529 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

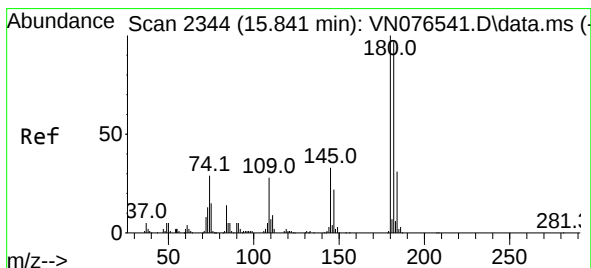
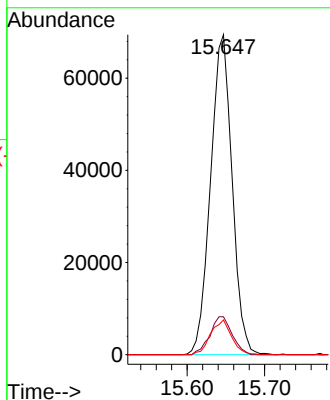
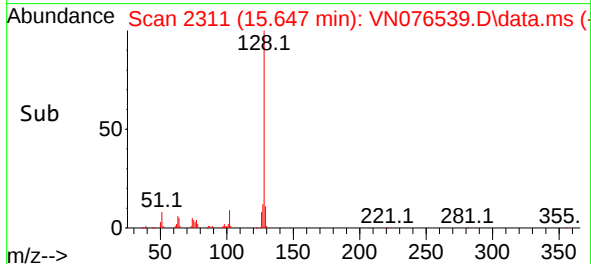
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 13413
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.013 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076539.D
Acq: 06 Feb 2023 13:10

Tgt Ion:180 Resp: 46268
Ion Ratio Lower Upper
180 100
182 93.0 47.6 142.8
145 35.3 16.8 50.3

