

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076121.D
 Acq On : 06 Jan 2023 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

Quant Time: Jan 06 22:52:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	334180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	485616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164702	45.303	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.600%		
35) Dibromofluoromethane	8.171	113	155291	47.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	10.571	98	566836	46.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.100%		
62) 4-Bromofluorobenzene	12.853	95	200666	49.224	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	152618	64.320	ug/l	98
3) Chloromethane	2.371	50	143806	48.739	ug/l	99
4) Vinyl Chloride	2.524	62	177369	50.396	ug/l	96
5) Bromomethane	2.942	94	136111	45.505	ug/l	97
6) Chloroethane	3.118	64	125144	48.015	ug/l	98
7) Trichlorofluoromethane	3.500	101	257980	48.306	ug/l	96
8) Diethyl Ether	3.971	74	89274	45.768	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	150245	49.268	ug/l	99
10) Methyl Iodide	4.595	142	230406	46.555	ug/l	99
11) Tert butyl alcohol	5.536	59	103204	200.619	ug/l	99
12) 1,1-Dichloroethene	4.353	96	139069	46.954	ug/l	97
13) Acrolein	4.189	56	114494	181.543	ug/l	99
14) Allyl chloride	5.036	41	174716	50.462	ug/l	98
15) Acrylonitrile	5.730	53	314119	223.756	ug/l	100
16) Acetone	4.436	43	341243	272.286	ug/l	99
17) Carbon Disulfide	4.724	76	327877	45.722	ug/l	98
18) Methyl Acetate	5.036	43	168592	45.510	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	472697	48.465	ug/l	95
20) Methylene Chloride	5.289	84	155741	46.409	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	149819	46.188	ug/l	92
22) Diisopropyl ether	6.677	45	405379	48.197	ug/l	98
23) Vinyl Acetate	6.612	43	1327015	234.407	ug/l	99
24) 1,1-Dichloroethane	6.583	63	258082	46.009	ug/l	100
25) 2-Butanone	7.488	43	437422	249.275	ug/l	93
26) 2,2-Dichloropropane	7.494	77	232383	48.920	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	181005	46.659	ug/l	97
28) Bromochloromethane	7.818	49	97204	39.536	ug/l	98
29) Tetrahydrofuran	7.841	42	254953	231.844	ug/l	99
30) Chloroform	7.971	83	292046	46.242	ug/l	96
31) Cyclohexane	8.259	56	238855	45.874	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	268956	48.035	ug/l	99
36) 1,1-Dichloropropene	8.377	75	210663	48.174	ug/l	99
37) Ethyl Acetate	7.565	43	163021	46.411	ug/l	98
38) Carbon Tetrachloride	8.365	117	236291	48.278	ug/l	99
39) Methylcyclohexane	9.606	83	273286	51.801	ug/l	99
40) Benzene	8.612	78	640208	47.450	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	88316	48.371	ug/l	98
42) 1,2-Dichloroethane	8.677	62	210772	46.989	ug/l	100
43) Isopropyl Acetate	8.694	43	278048	47.987	ug/l	99
44) Trichloroethene	9.353	130	173794	45.723	ug/l	96
45) 1,2-Dichloropropane	9.624	63	153985	46.900	ug/l	96
46) Dibromomethane	9.712	93	117020	48.054	ug/l	98
47) Bromodichloromethane	9.888	83	230603	48.289	ug/l	98
48) Methyl methacrylate	9.682	41	130839	50.136	ug/l	100
49) 1,4-Dioxane	9.700	88	56967	887.923	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	834311	238.094	ug/l	100
52) Toluene	10.629	92	423720	48.220	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	233585	49.968	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	255718	49.823	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	163474	47.398	ug/l	98
56) Ethyl methacrylate	10.876	69	236074	51.531	ug/l	99
57) 1,3-Dichloropropane	11.165	76	268294	47.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	341129	233.879	ug/l	100
59) 2-Hexanone	11.200	43	643248	251.716	ug/l	100
60) Dibromochloromethane	11.365	129	185484	48.358	ug/l	100
61) 1,2-Dibromoethane	11.471	107	167813	48.080	ug/l	99
64) Tetrachloroethene	11.106	164	172448	50.465	ug/l	98
65) Chlorobenzene	11.894	112	457068	45.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	172635	46.762	ug/l	99
67) Ethyl Benzene	11.965	91	824405	49.007	ug/l	100
68) m/p-Xylenes	12.070	106	663142	99.599	ug/l	100
69) o-Xylene	12.400	106	322752	48.984	ug/l	99
70) Styrene	12.412	104	535248	51.091	ug/l	99
71) Bromoform	12.582	173	132768	49.423	ug/l #	99
73) Isopropylbenzene	12.700	105	850484	48.451	ug/l	100
74) N-amyl acetate	12.494	43	250089	48.565	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	232964	42.931	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	199394m	40.722	ug/l	
77) Bromobenzene	12.982	156	203550	45.820	ug/l	96
78) n-propylbenzene	13.035	91	977168	50.472	ug/l	99
79) 2-Chlorotoluene	13.129	91	566554	46.879	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	731744	49.808	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	67829	49.863	ug/l	98
82) 4-Chlorotoluene	13.129	91	566554	46.879	ug/l	99
83) tert-Butylbenzene	13.441	119	637119	49.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	727288	49.902	ug/l	98
85) sec-Butylbenzene	13.617	105	918096	51.352	ug/l	99
86) p-Isopropyltoluene	13.729	119	784660	52.745	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	385471	46.975	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	382150	45.587	ug/l	100
89) n-Butylbenzene	14.059	91	639700	53.079	ug/l	99
90) Hexachloroethane	14.335	117	132781	49.898	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	376748	46.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41206	42.794	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	193944	48.466	ug/l	99
94) Hexachlorobutadiene	15.506	225	107152	49.079	ug/l	98
95) Naphthalene	15.641	128	535898	40.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	182858	48.891	ug/l	98

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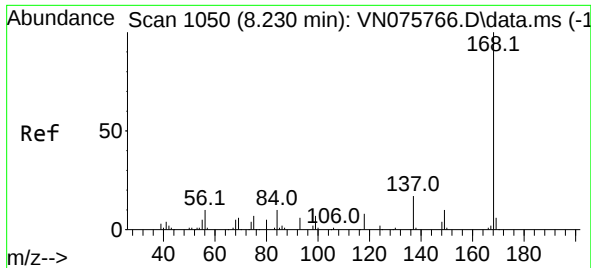
Manual Integrations
APPROVED

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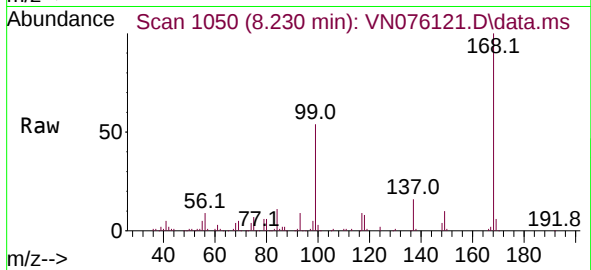
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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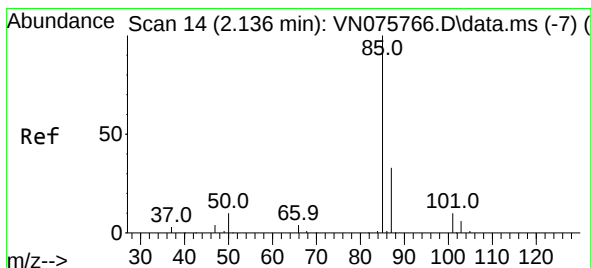
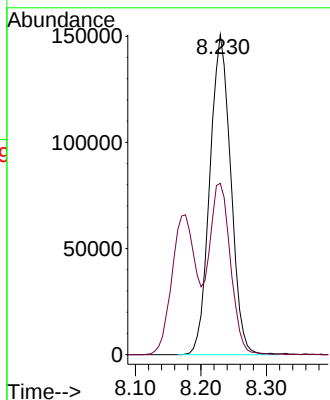
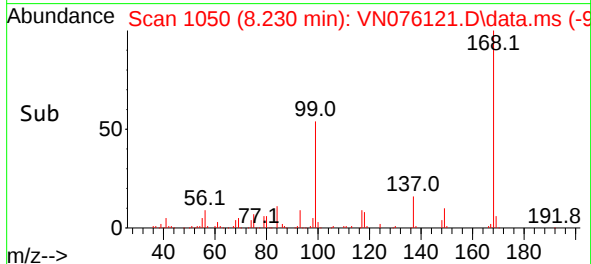
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 334180
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4

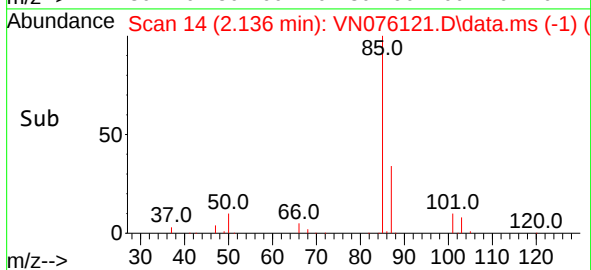
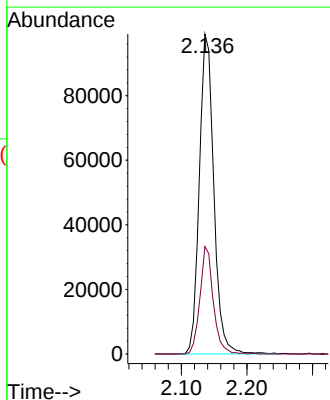
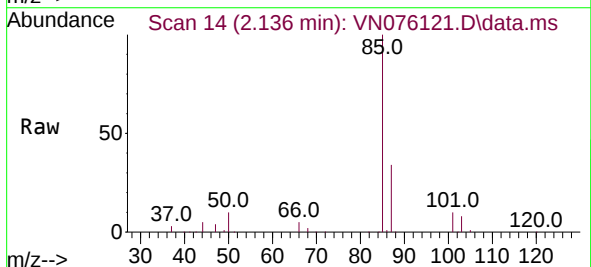
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#2
Dichlorodifluoromethane
Concen: 64.320 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion: 85 Resp: 152618
Ion Ratio Lower Upper
85 100
87 33.5 16.3 48.9





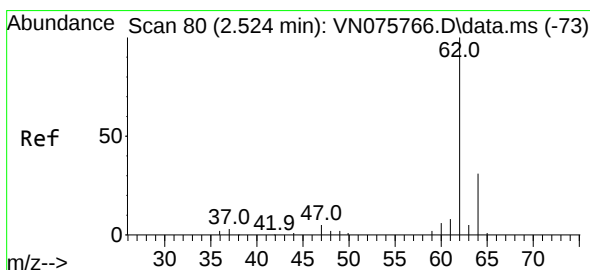
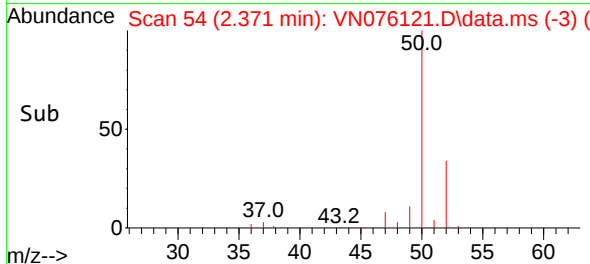
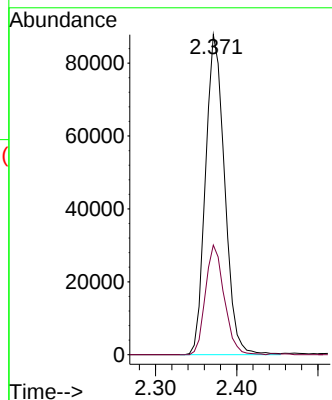
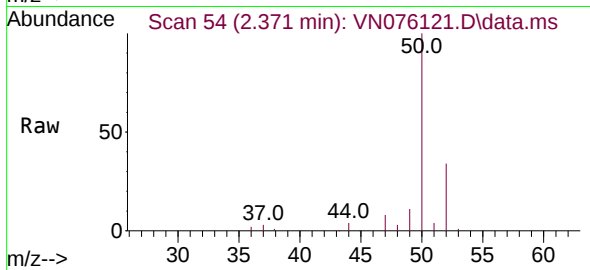
#3
Chloromethane
Concen: 48.739 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076121.D
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Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 143800
Ion Ratio Lower Upper
50 100
52 34.2 27.7 41.5

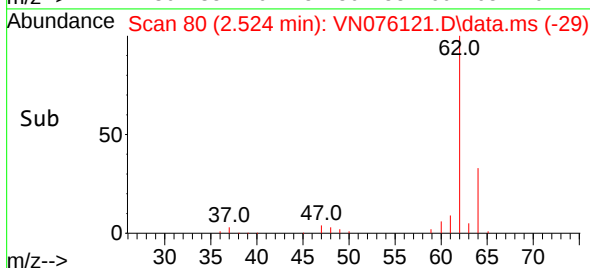
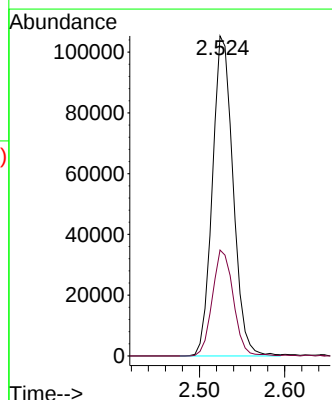
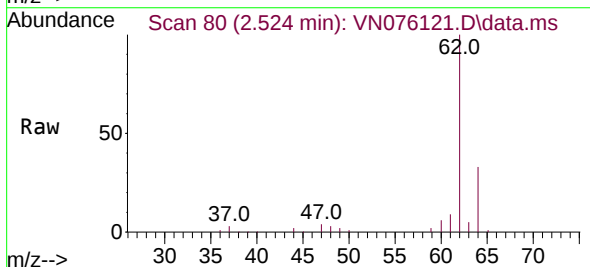
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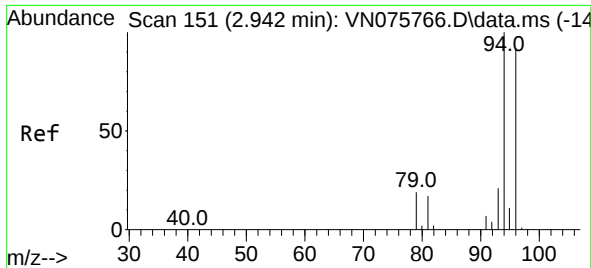
Reviewed By :John Carlone 01/09/2023
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#4
Vinyl Chloride
Concen: 50.396 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN076121.D
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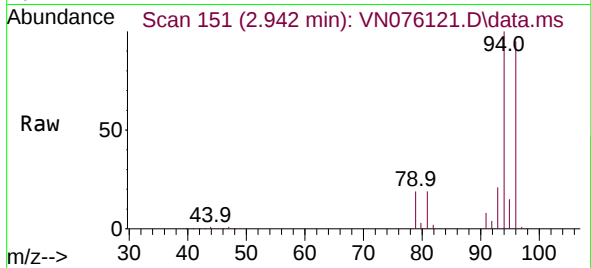
Tgt Ion: 62 Resp: 177369
Ion Ratio Lower Upper
62 100
64 33.1 24.9 37.3





#5
Bromomethane
Concen: 45.505 ug/l
RT: 2.942 min Scan# 151
Delta R.T. -0.000 min
Lab File: VN076121.D
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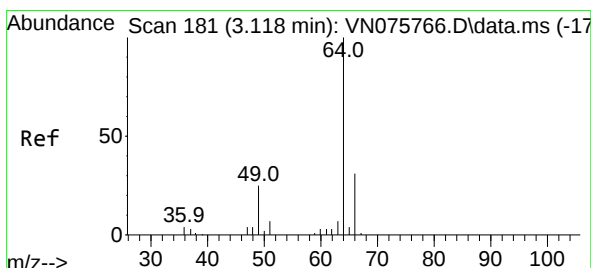
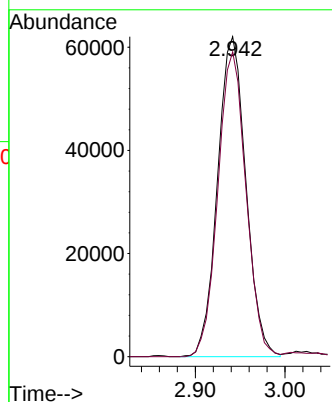
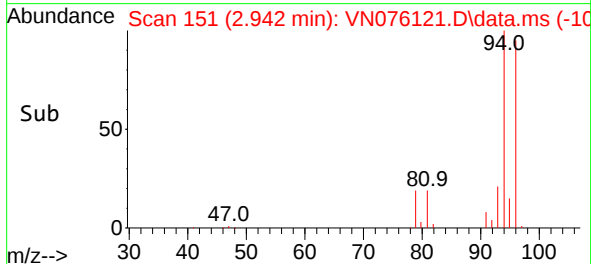
Instrument :
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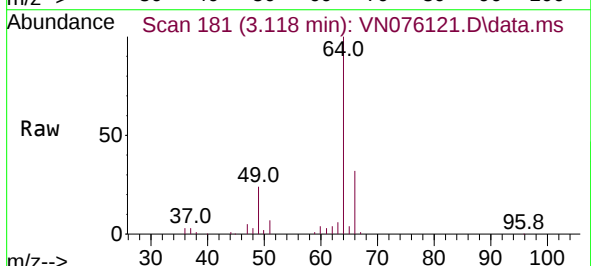
Tgt Ion: 94 Resp: 13611
Ion Ratio Lower Upper
94 100
96 95.3 73.8 110.6

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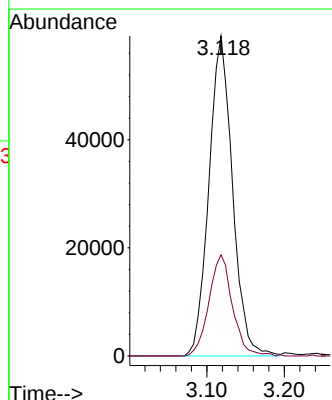
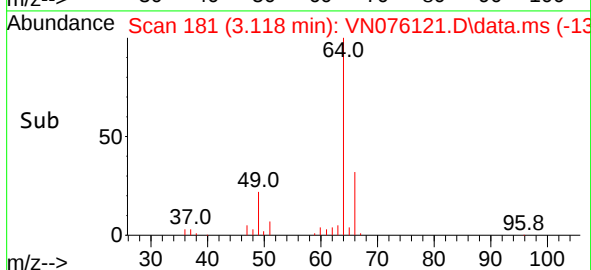
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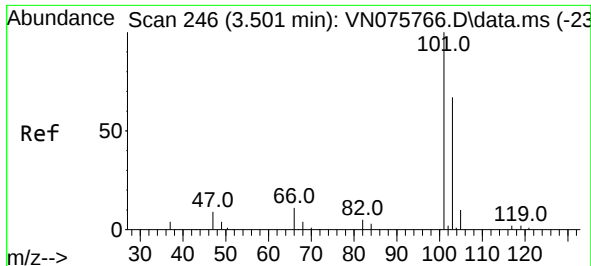


#6
Chloroethane
Concen: 48.015 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.000 min
Lab File: VN076121.D
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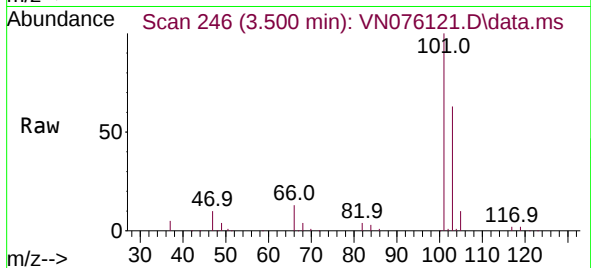
Tgt Ion: 64 Resp: 125144
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 48.306 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.000 min
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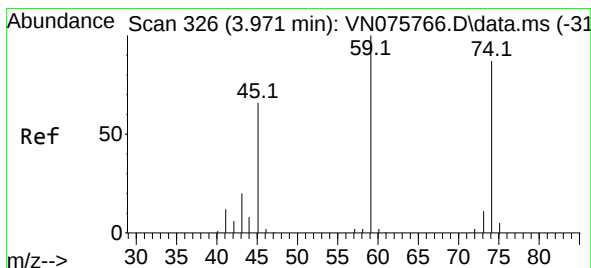
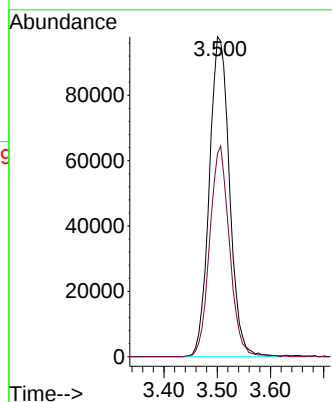
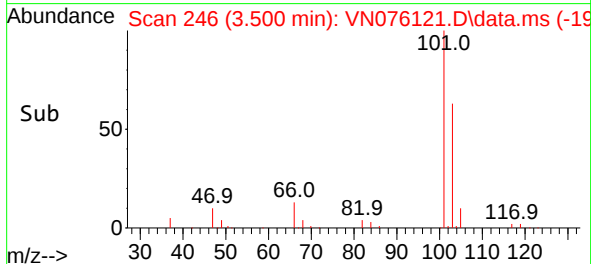
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 257980
Ion Ratio Lower Upper
101 100
103 63.4 53.4 80.2

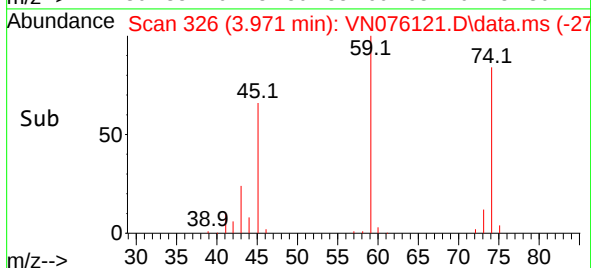
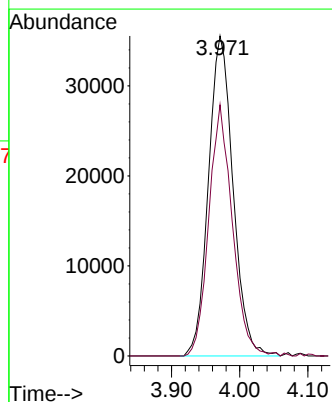
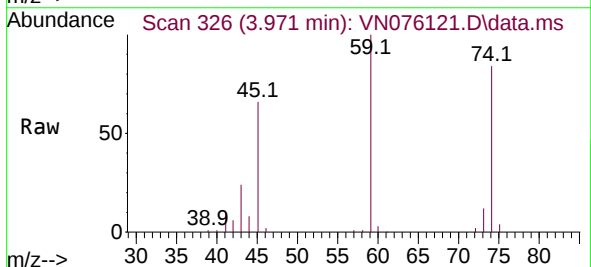
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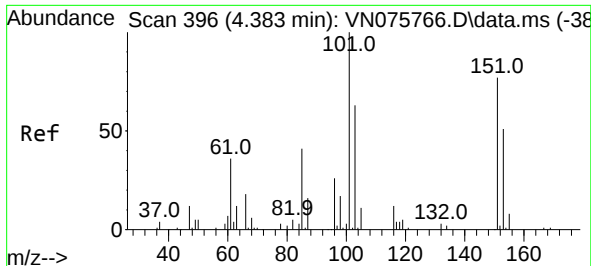
Reviewed By :John Carlone 01/09/2023
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#8
Diethyl Ether
Concen: 45.768 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 89274
Ion Ratio Lower Upper
74 100
45 75.2 37.8 113.4





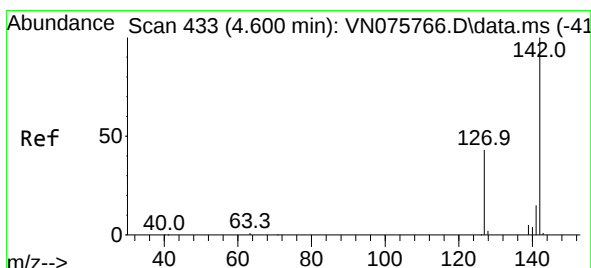
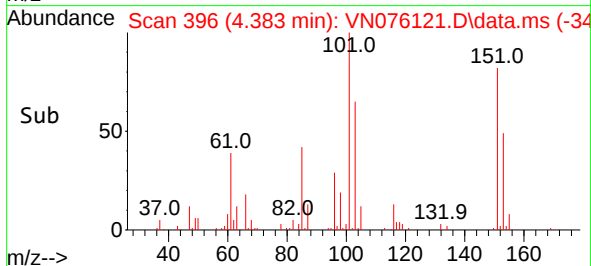
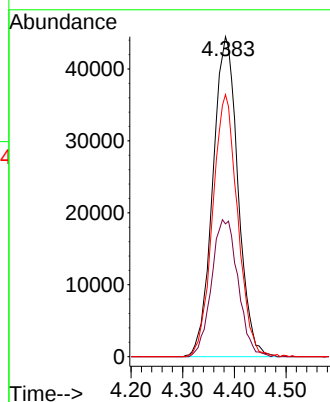
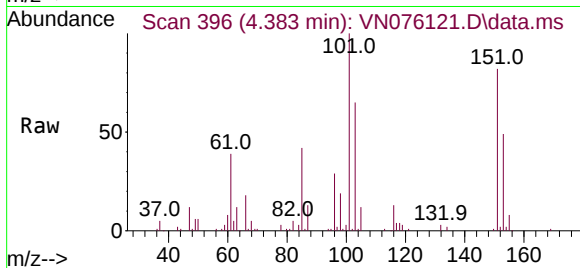
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.268 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076121.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 150245
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 81.1 65.6 98.4

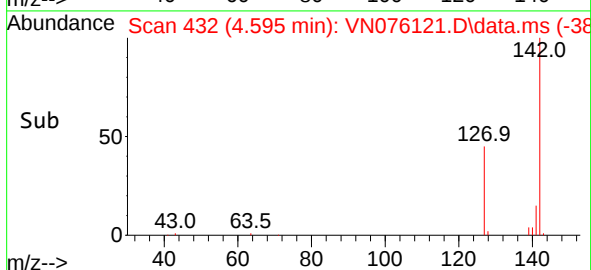
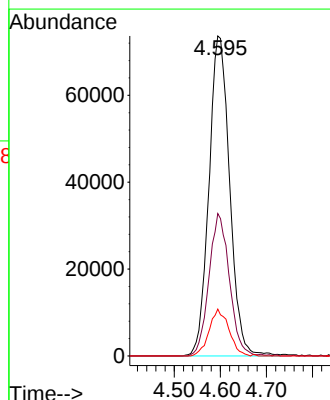
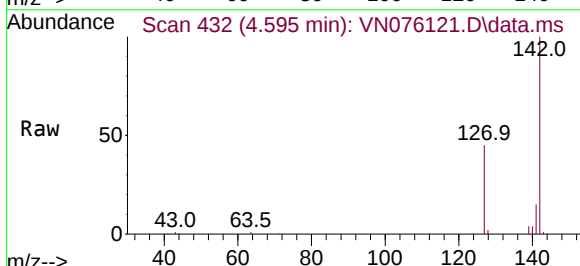
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#10
Methyl Iodide
Concen: 46.555 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

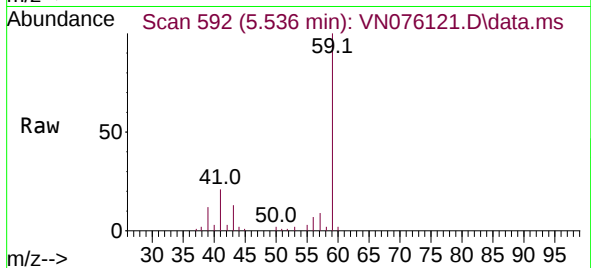
Tgt Ion:142 Resp: 230406
Ion Ratio Lower Upper
142 100
127 43.9 34.7 52.1
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 200.619 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

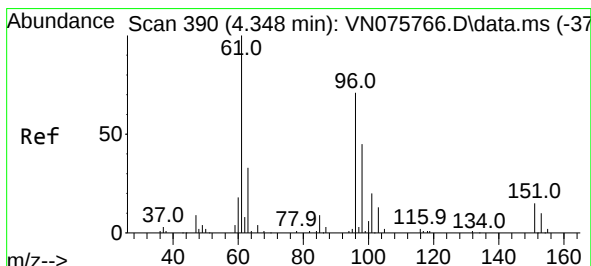
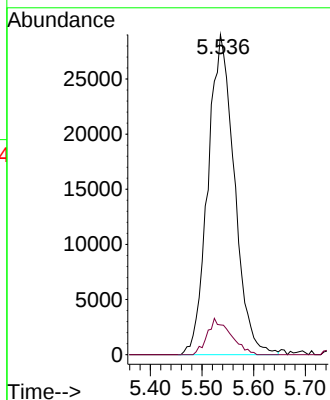
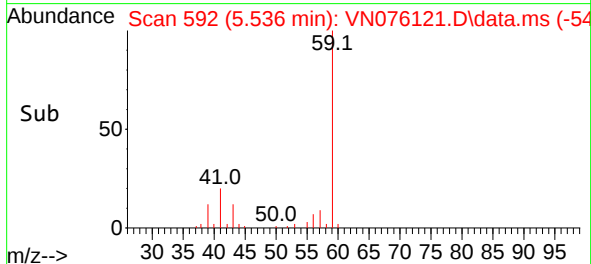
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



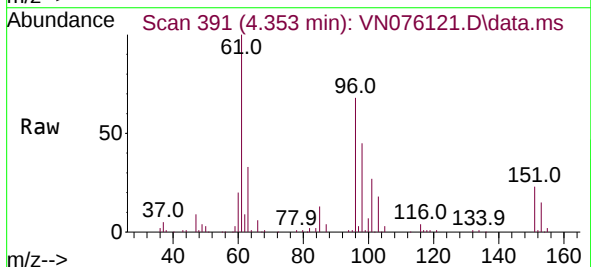
Tgt Ion: 59 Resp: 103204
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
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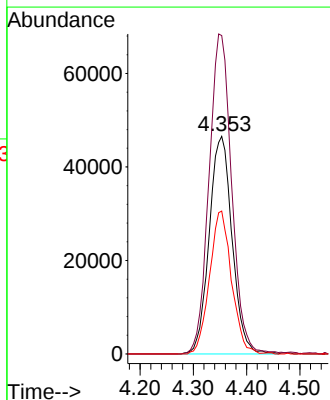
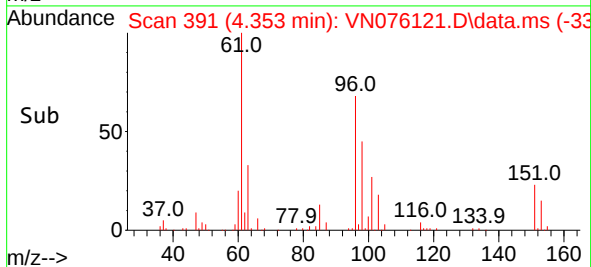
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#12
1,1-Dichloroethene
Concen: 46.954 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



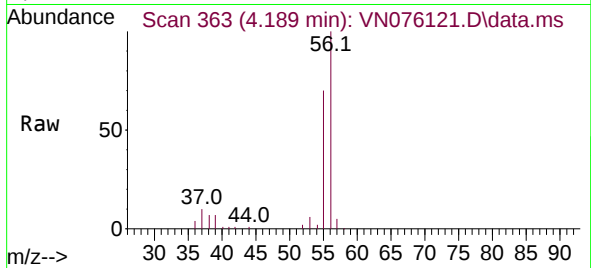
Tgt Ion: 96 Resp: 139069
Ion Ratio Lower Upper
96 100
61 146.3 113.3 169.9
98 65.7 50.9 76.3





#13
Acrolein
Concen: 181.543 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

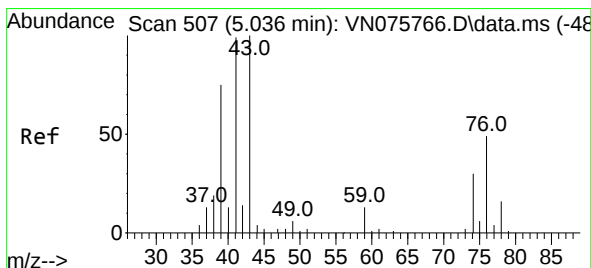
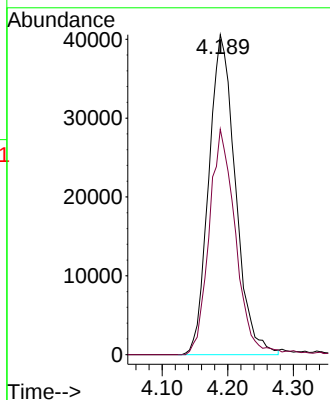
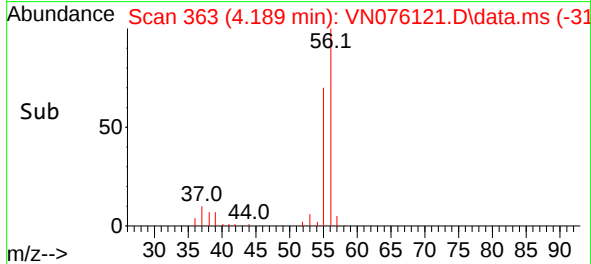
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 114494
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2

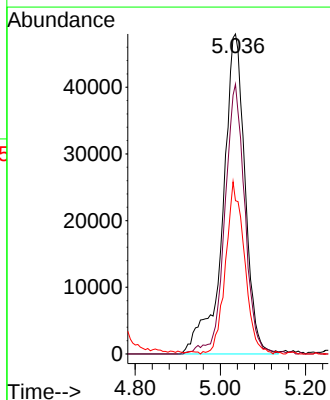
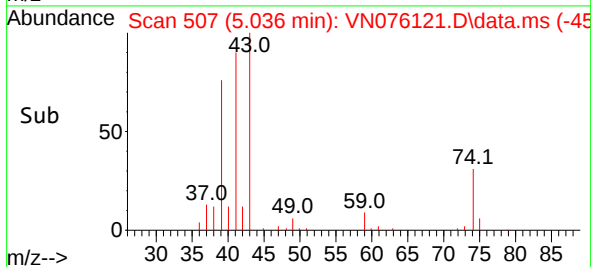
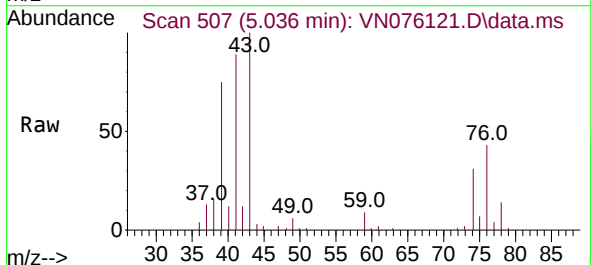
Manual Integrations
APPROVED

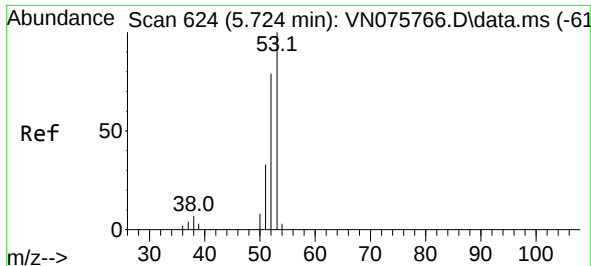
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#14
Allyl chloride
Concen: 50.462 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

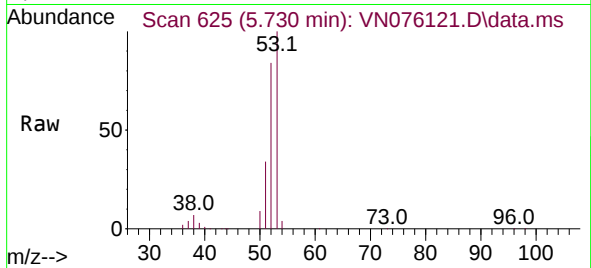
Tgt Ion: 41 Resp: 174716
Ion Ratio Lower Upper
41 100
39 75.5 58.3 87.5
76 45.6 35.8 53.6





#15
Acrylonitrile
Concen: 223.756 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

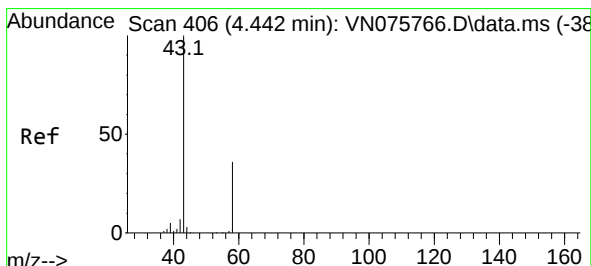
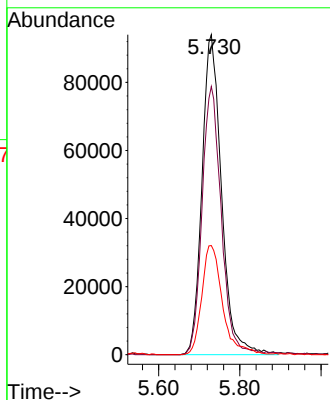
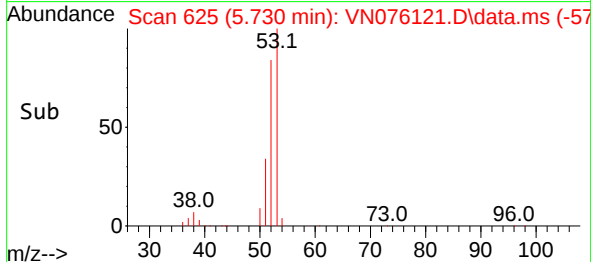
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 314119
Ion Ratio Lower Upper
53 100
52 82.1 65.4 98.0
51 36.2 28.9 43.3

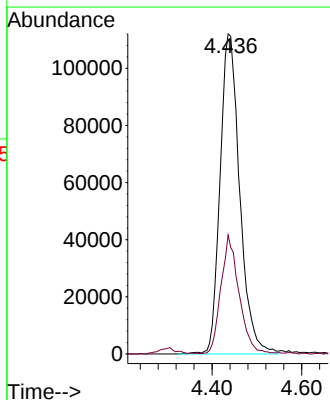
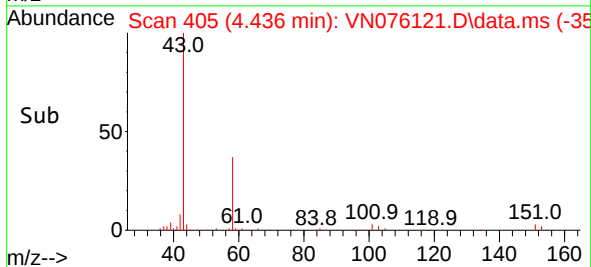
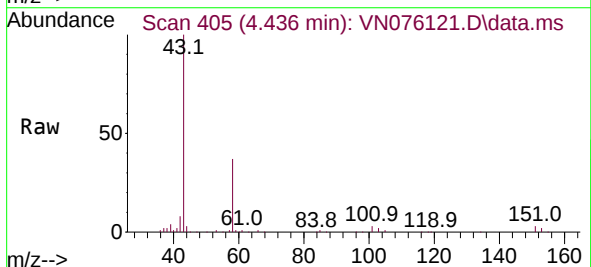
Manual Integrations
APPROVED

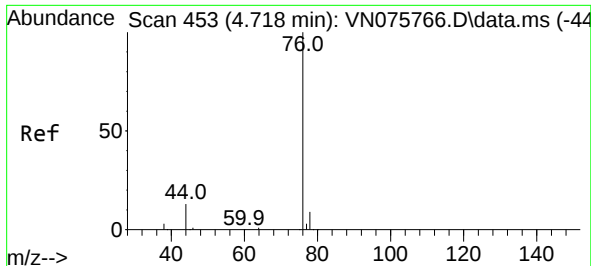
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#16
Acetone
Concen: 272.286 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion: 43 Resp: 341243
Ion Ratio Lower Upper
43 100
58 36.6 28.6 43.0





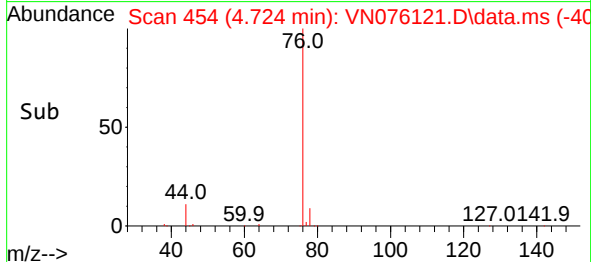
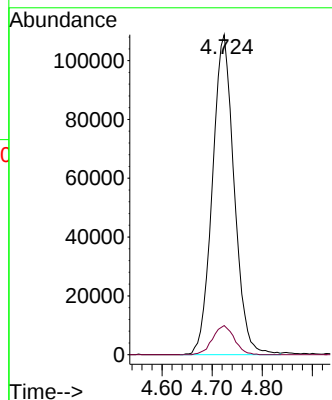
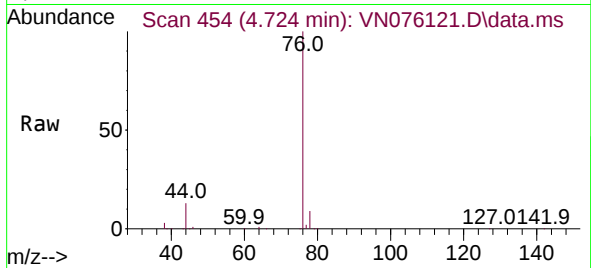
#17
Carbon Disulfide
Concen: 45.722 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 32787
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

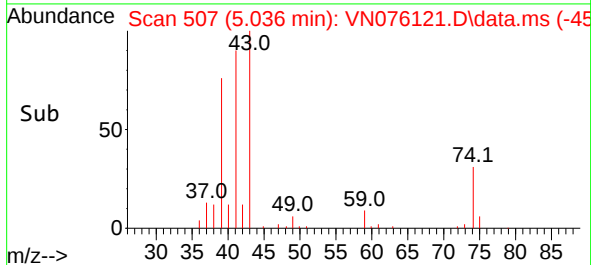
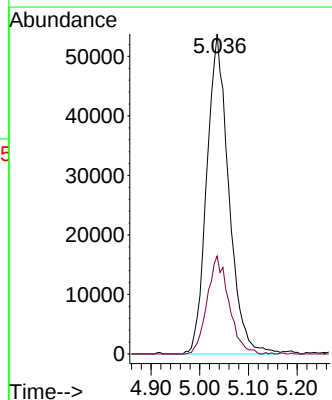
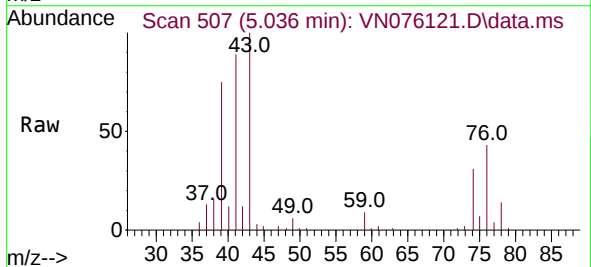
Manual Integrations
APPROVED

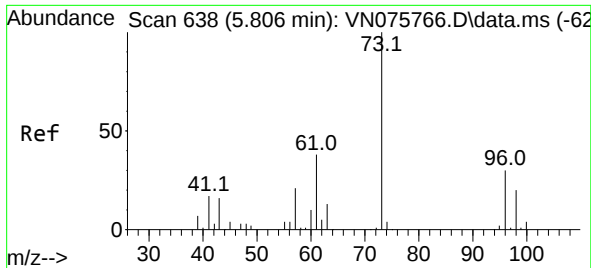
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#18
Methyl Acetate
Concen: 45.510 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion: 43 Resp: 168592
Ion Ratio Lower Upper
43 100
74 30.1 23.6 35.4





#19
Methyl tert-butyl Ether
Concen: 48.465 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

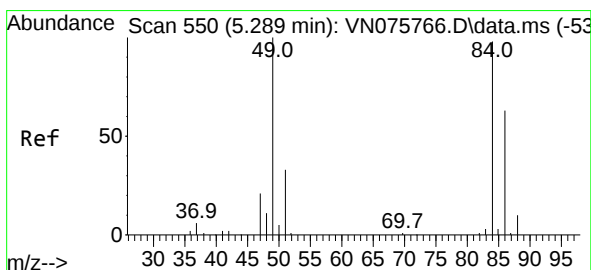
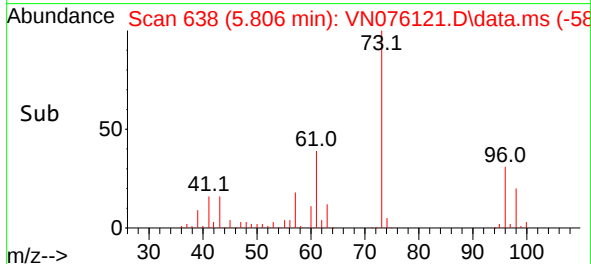
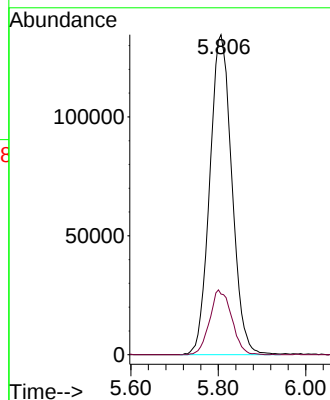
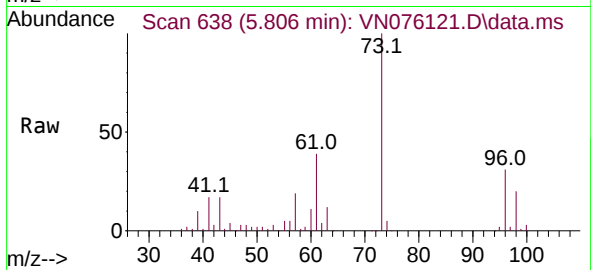
VSTDCCC050

Tgt Ion: 73 Resp: 47269
Ion Ratio Lower Upper
73 100
57 19.0 17.1 25.7

Manual Integrations

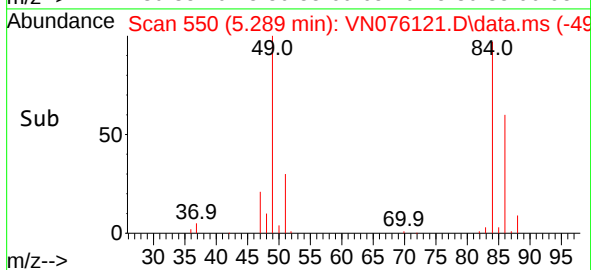
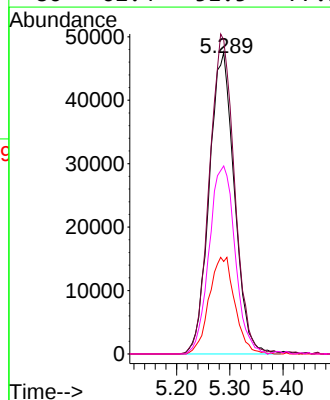
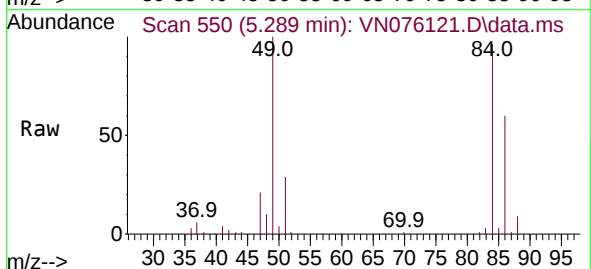
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#20
Methylene Chloride
Concen: 46.409 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion: 84 Resp: 155741
Ion Ratio Lower Upper
84 100
49 104.1 81.8 122.6
51 30.7 26.7 40.1
86 62.4 51.5 77.3





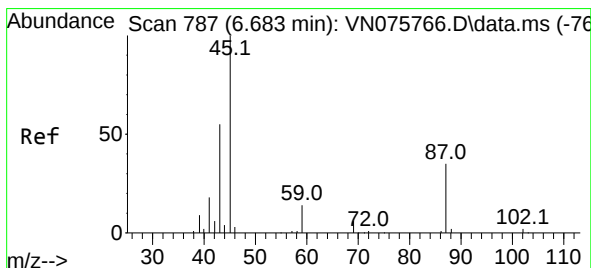
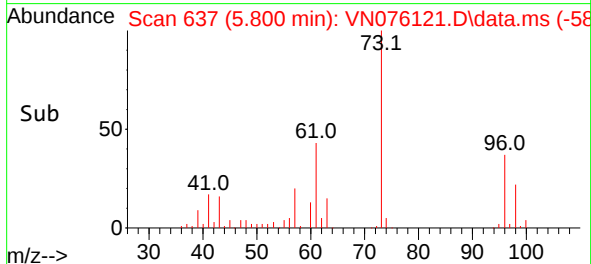
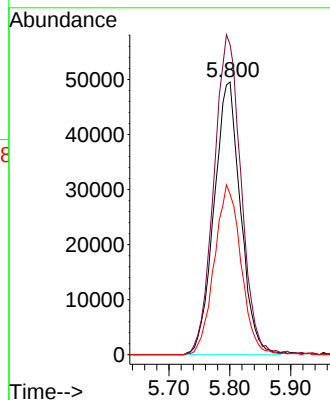
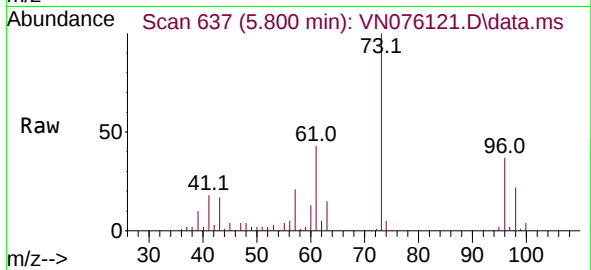
#21
trans-1,2-Dichloroethene
Concen: 46.188 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 149819
Ion Ratio Lower Upper
96 100
61 113.7 98.1 147.1
98 58.8 51.4 77.2

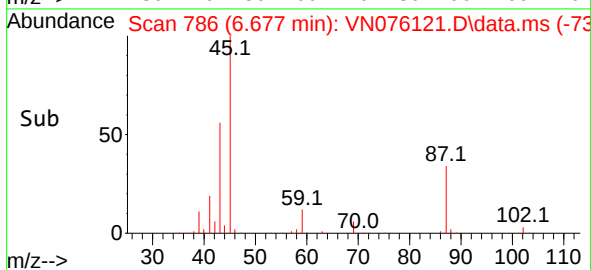
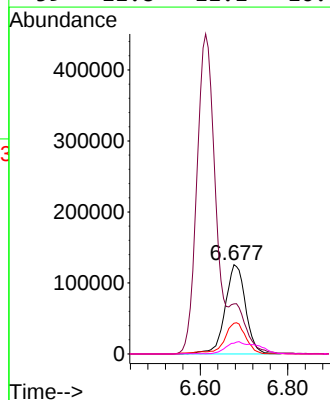
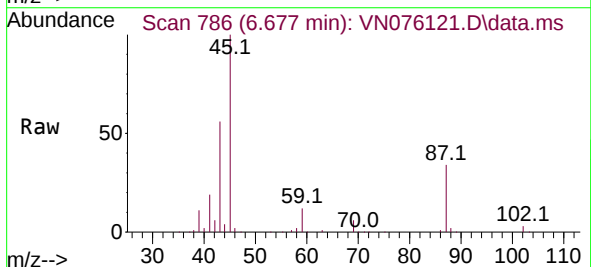
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#22
Diisopropyl ether
Concen: 48.197 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion: 45 Resp: 405379
Ion Ratio Lower Upper
45 100
43 55.0 44.2 66.4
87 34.2 28.3 42.5
59 11.8 11.1 16.7





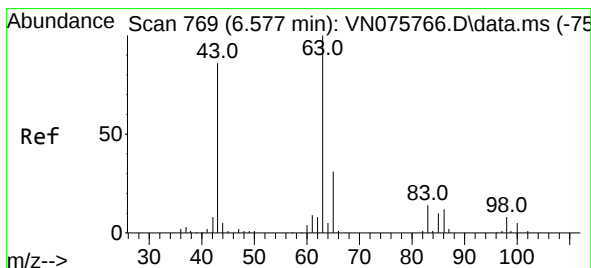
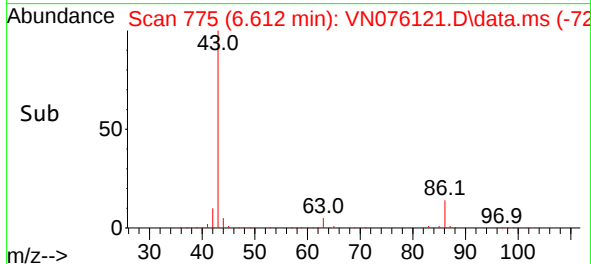
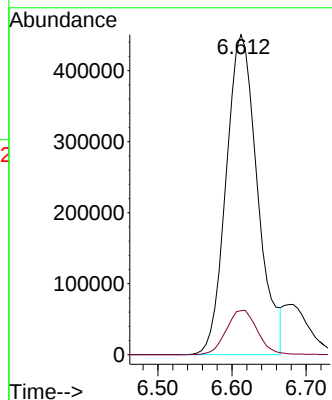
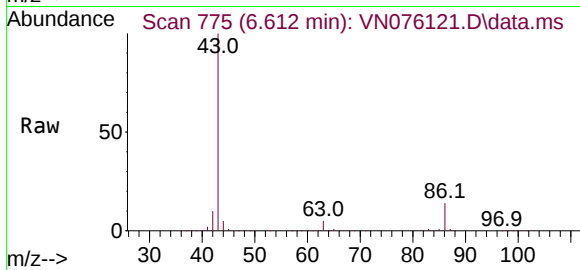
#23
 Vinyl Acetate
 Concen: 234.407 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 132701
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.4 17.2

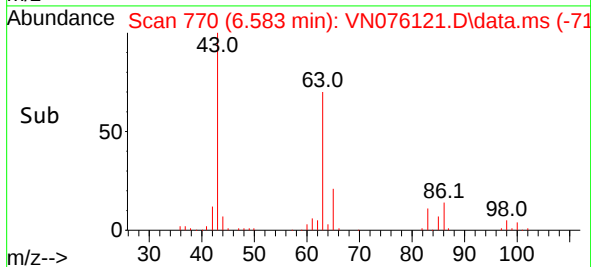
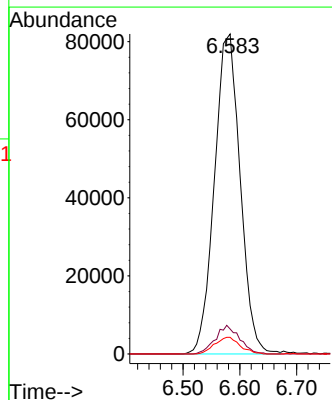
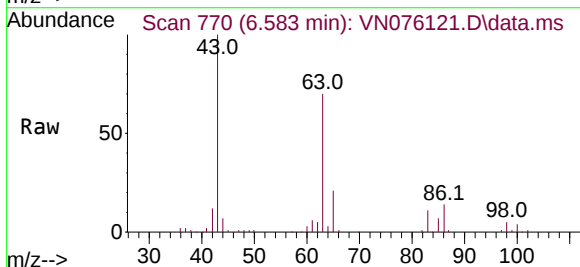
Manual Integrations
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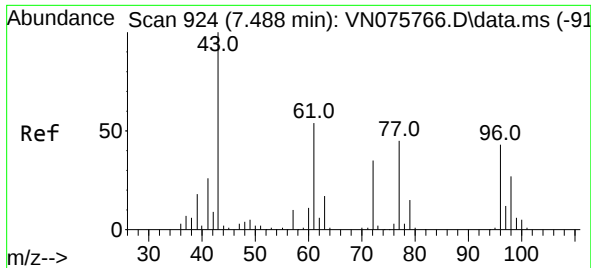
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023



#24
 1,1-Dichloroethane
 Concen: 46.009 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51

Tgt Ion: 63 Resp: 258082
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 5.2 2.5 7.6





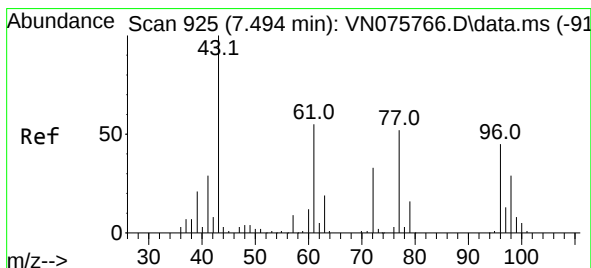
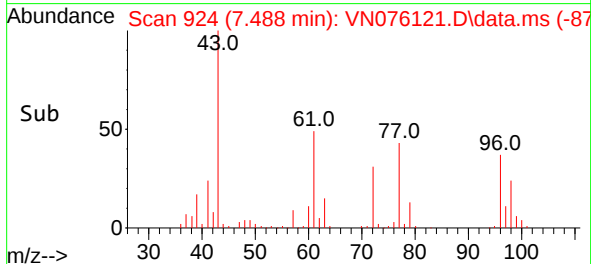
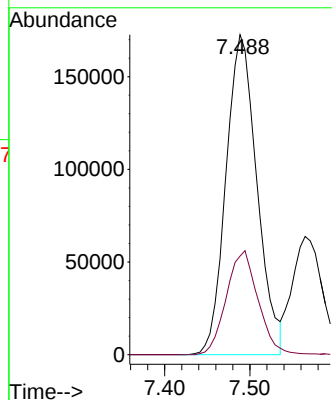
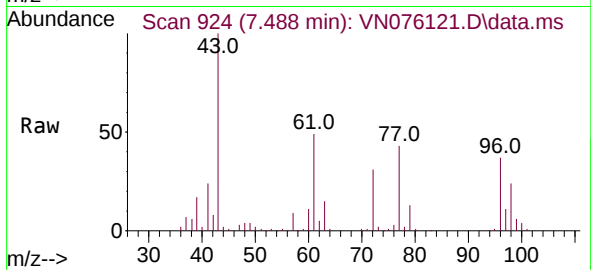
#25
2-Butanone
Concen: 249.275 ug/l
RT: 7.488 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 43742
Ion Ratio Lower Upper
43 100
72 30.8 28.0 42.0

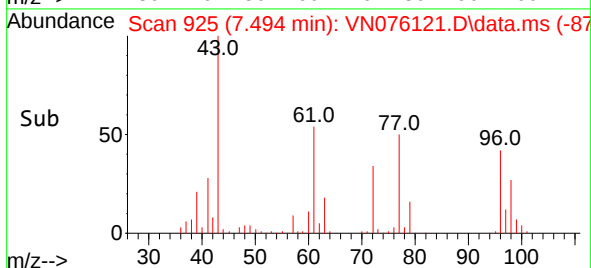
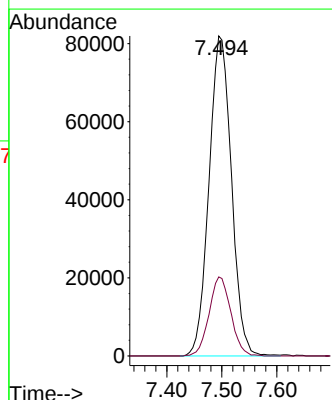
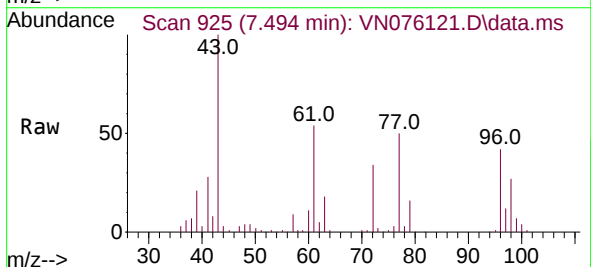
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#26
2,2-Dichloropropane
Concen: 48.920 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

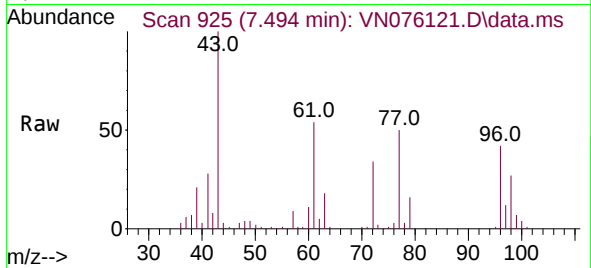
Tgt Ion: 77 Resp: 232383
Ion Ratio Lower Upper
77 100
97 23.9 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 46.659 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51

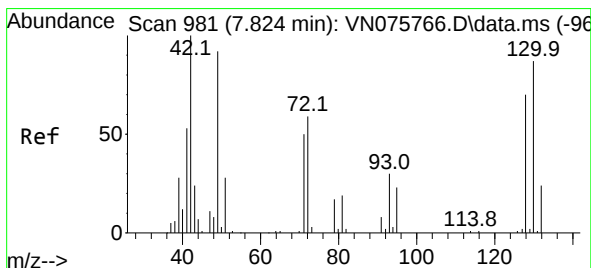
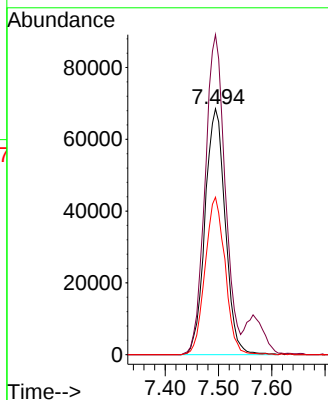
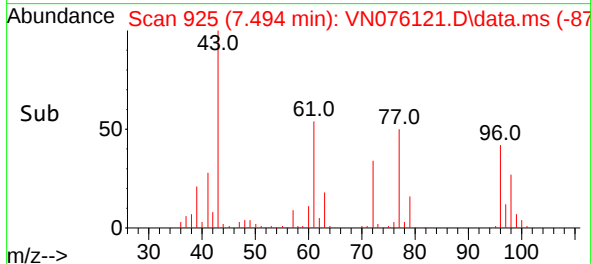
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 18100
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 247.8
 98 63.2 0.0 128.4

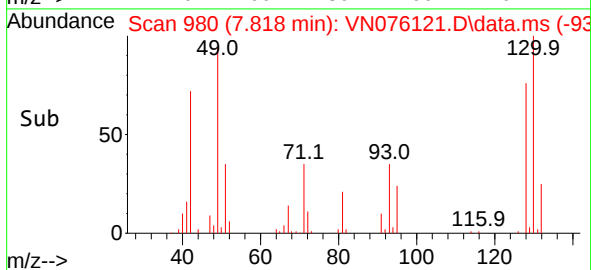
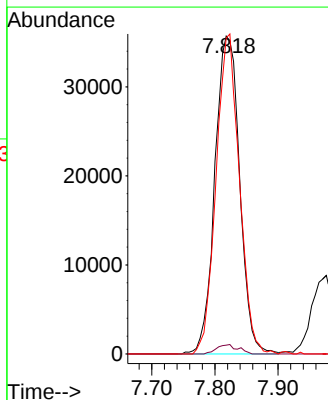
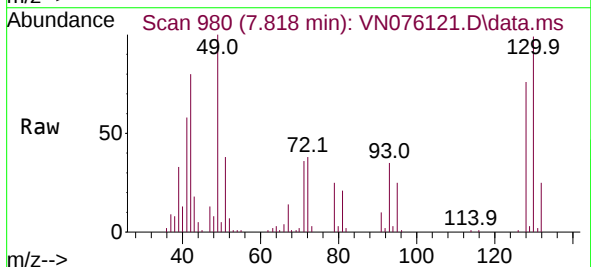
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023



#28
 Bromochloromethane
 Concen: 39.536 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51

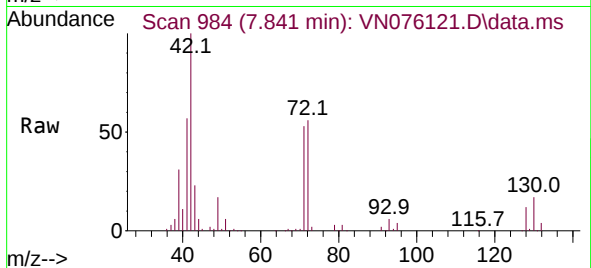
Tgt Ion: 49 Resp: 97204
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 94.6 77.0 115.4





#29
Tetrahydrofuran
Concen: 231.844 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

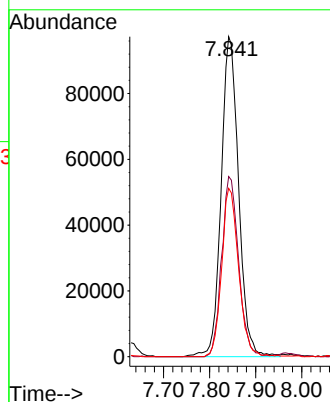
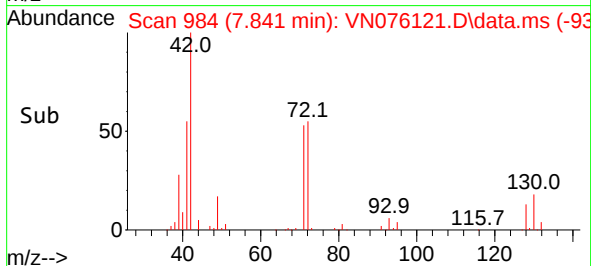
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



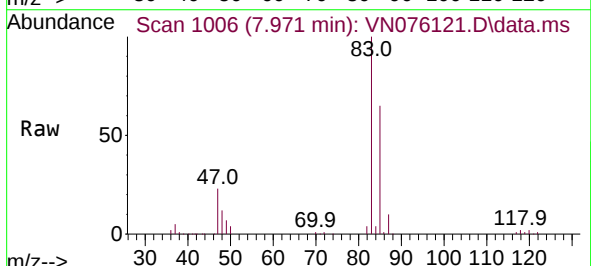
Tgt Ion: 42 Resp: 25495
Ion Ratio Lower Upper
42 100
72 54.6 44.5 66.7
71 50.8 41.0 61.6

Manual Integrations
APPROVED

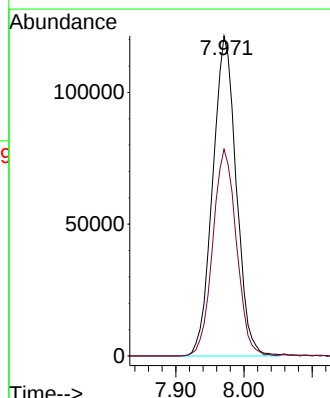
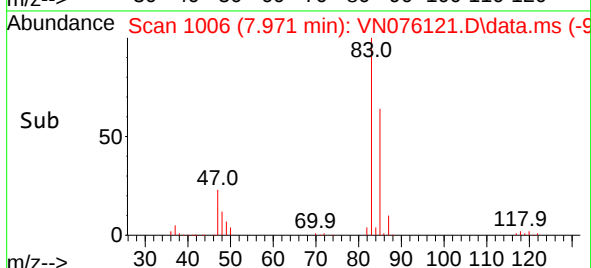
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

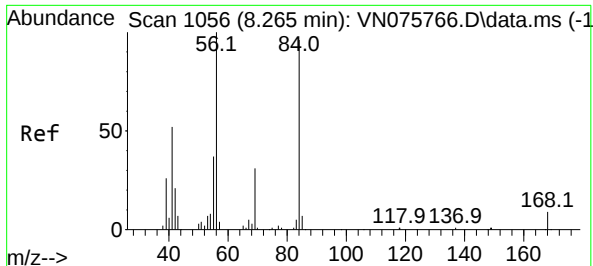


#30
Chloroform
Concen: 46.242 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



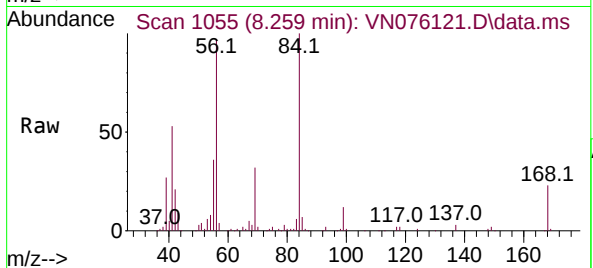
Tgt Ion: 83 Resp: 292046
Ion Ratio Lower Upper
83 100
85 64.6 49.1 73.7





#31
Cyclohexane
Concen: 45.874 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

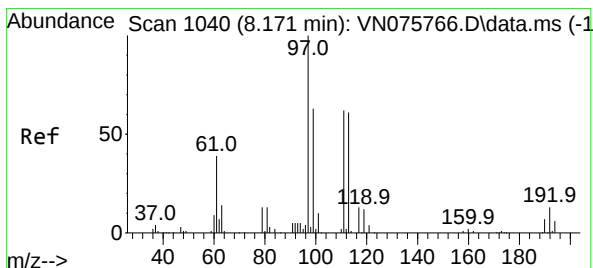
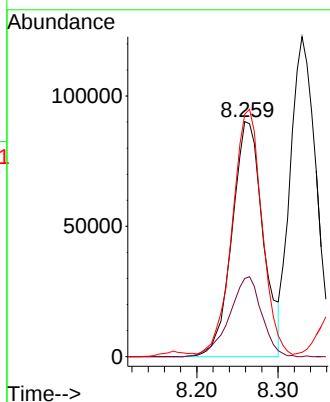
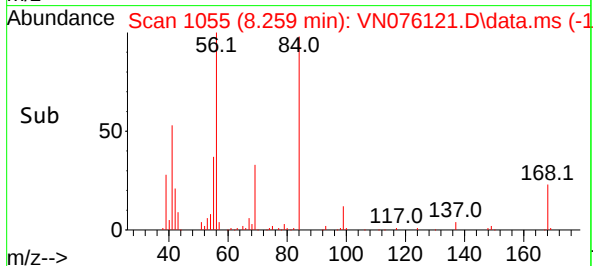
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



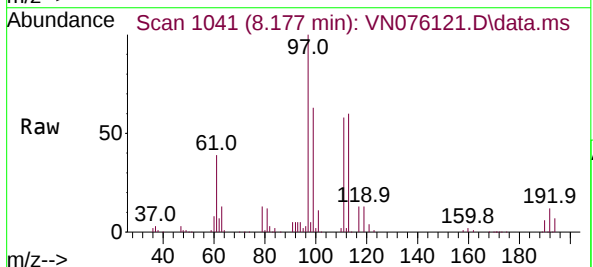
Tgt Ion: 56 Resp: 23885
Ion Ratio Lower Upper
56 100
69 33.3 24.7 37.1
84 101.3 76.5 114.7

Manual Integrations
APPROVED

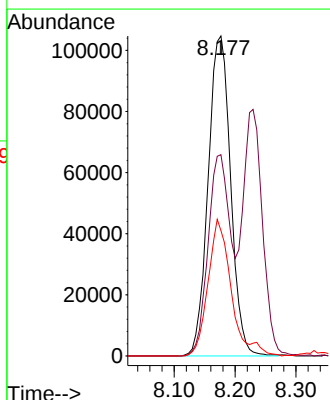
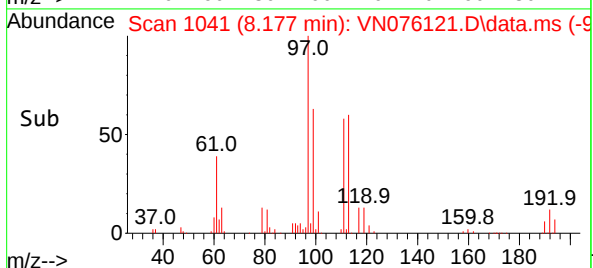
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#32
1,1,1-Trichloroethane
Concen: 48.035 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion: 97 Resp: 268956
Ion Ratio Lower Upper
97 100
99 62.3 50.2 75.2
61 44.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.303 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 164702

Ion Ratio Lower Upper

65 100

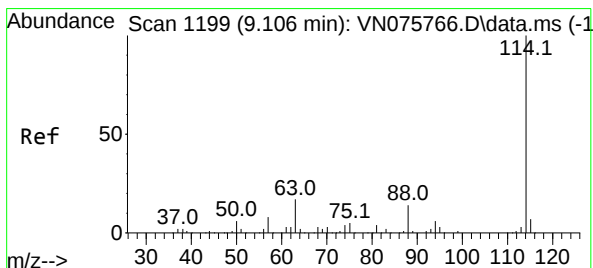
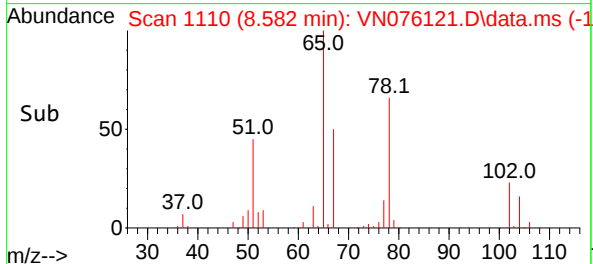
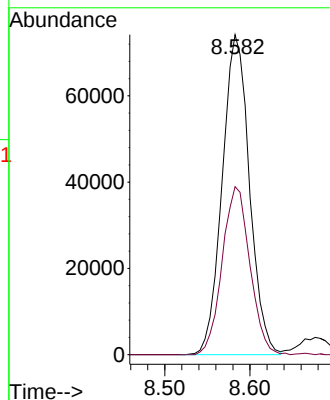
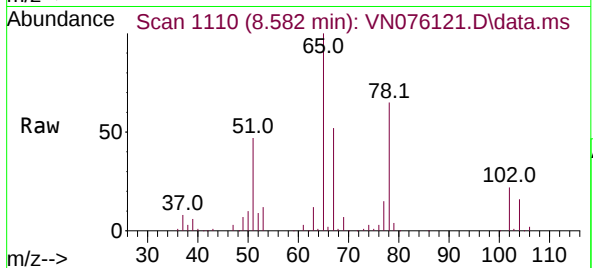
67 53.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

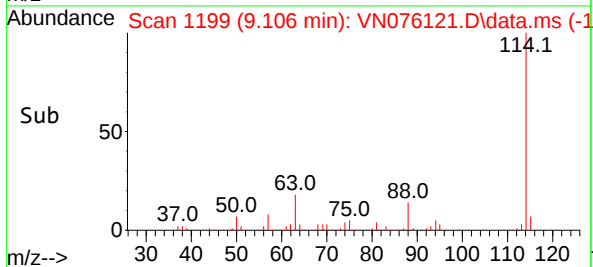
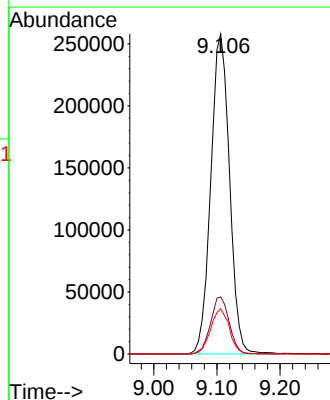
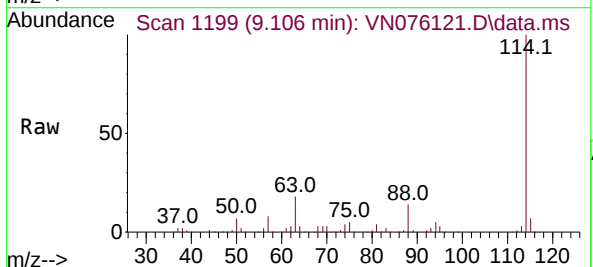
Tgt Ion:114 Resp: 531568

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

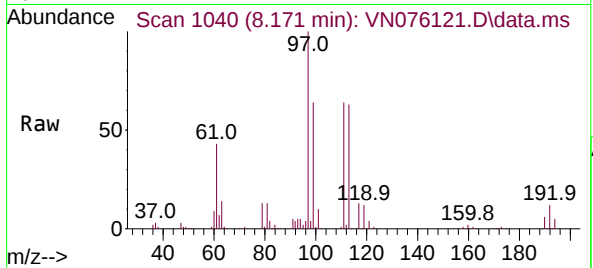
88 14.1 0.0 28.8





#35
Dibromofluoromethane
Concen: 47.173 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

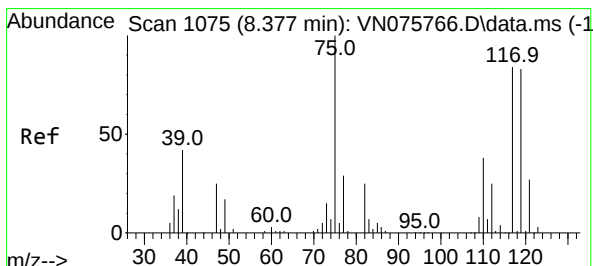
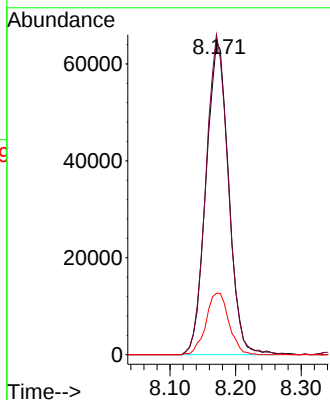
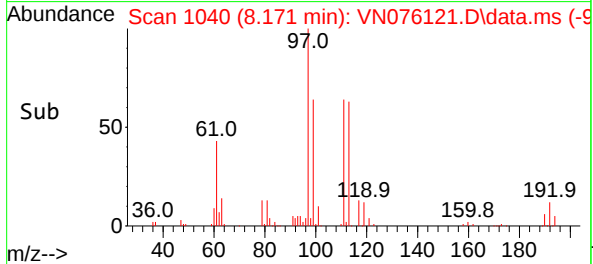
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



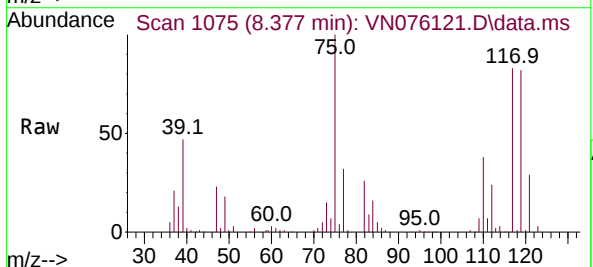
Tgt Ion:113 Resp: 15529
Ion Ratio Lower Upper
113 100
111 100.7 83.4 125.2
192 19.9 16.1 24.1

Manual Integrations
APPROVED

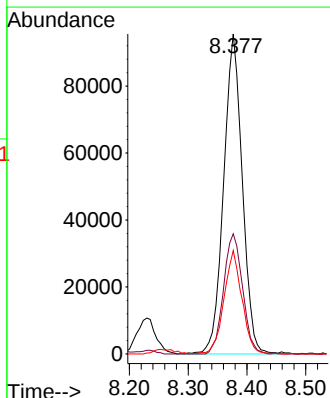
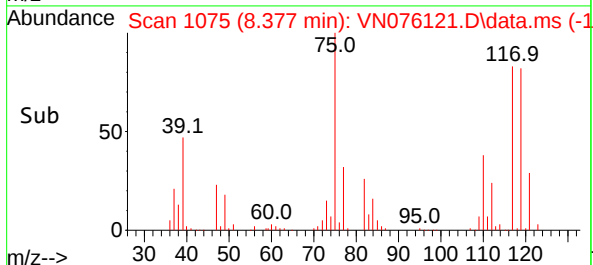
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

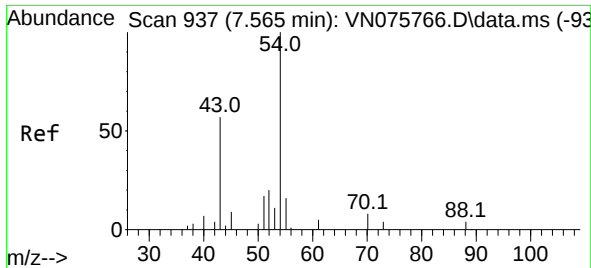


#36
1,1-Dichloropropene
Concen: 48.174 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion: 75 Resp: 210663
Ion Ratio Lower Upper
75 100
110 38.3 18.8 56.4
77 31.1 24.1 36.1





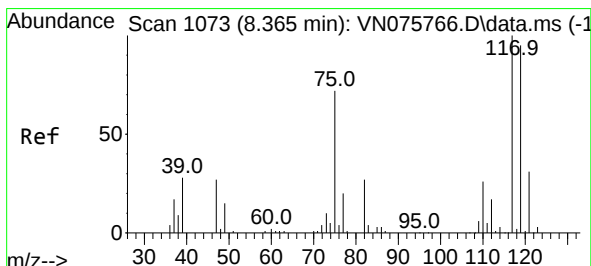
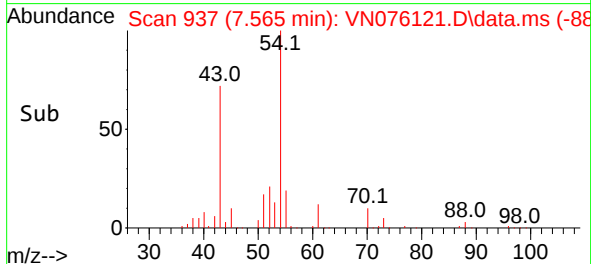
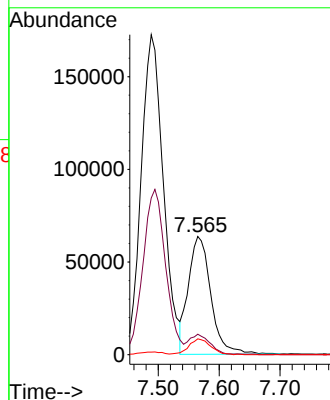
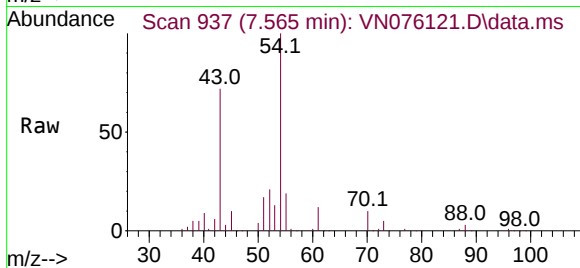
#37
Ethyl Acetate
Concen: 46.411 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16302
Ion Ratio Lower Upper
43 100
61 15.8 13.0 19.4
70 13.0 9.4 14.0

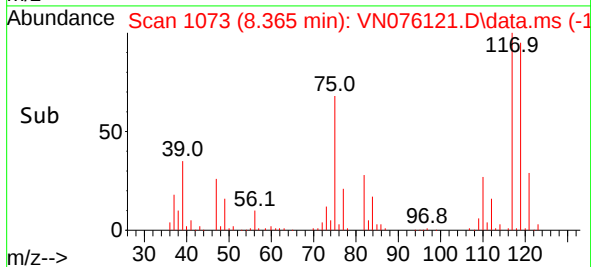
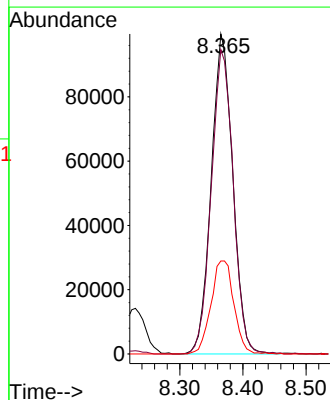
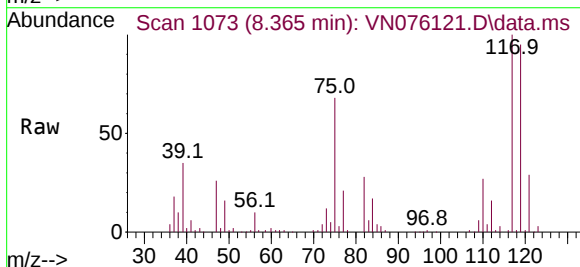
Manual Integrations
APPROVED

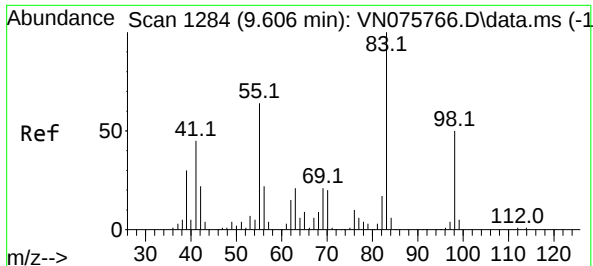
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#38
Carbon Tetrachloride
Concen: 48.278 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion:117 Resp: 236291
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 29.0 24.5 36.7





#39

Methylcyclohexane

Concen: 51.801 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 273280

Ion Ratio Lower Upper

83 100

55 62.9 51.4 77.0

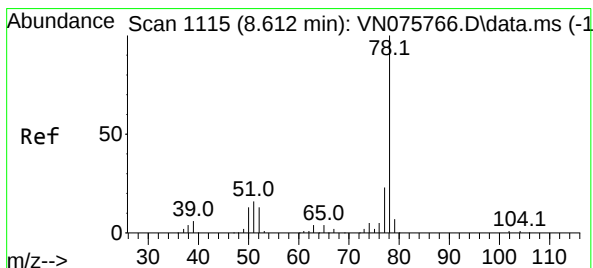
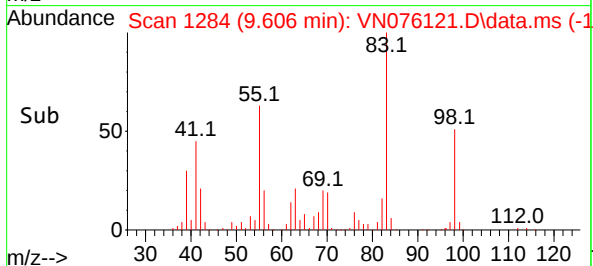
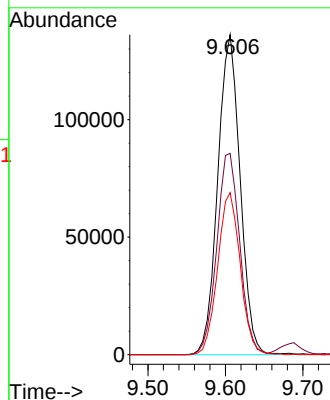
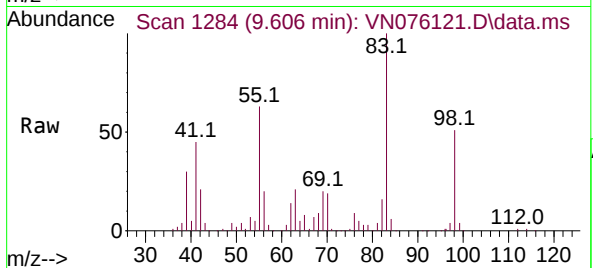
98 50.6 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#40

Benzene

Concen: 47.450 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076121.D

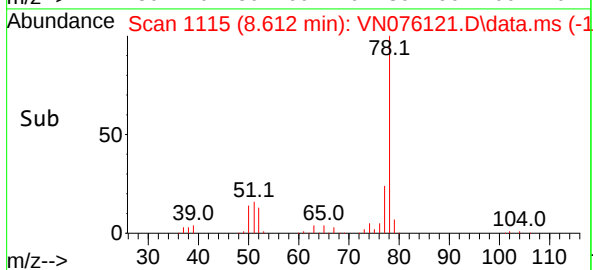
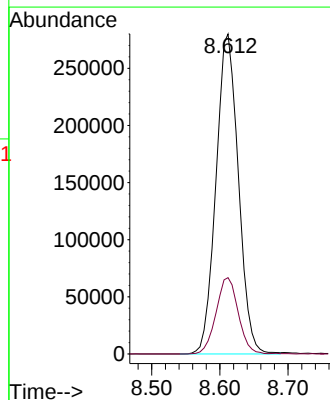
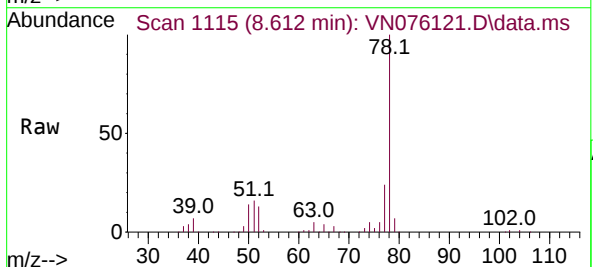
Acq: 06 Jan 2023 09:51

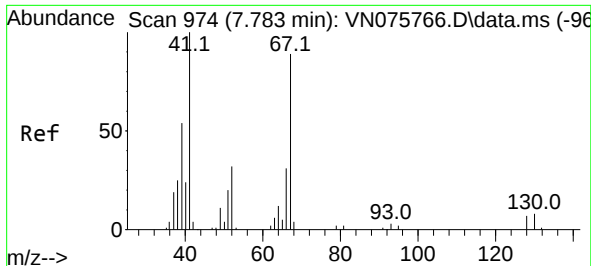
Tgt Ion: 78 Resp: 640208

Ion Ratio Lower Upper

78 100

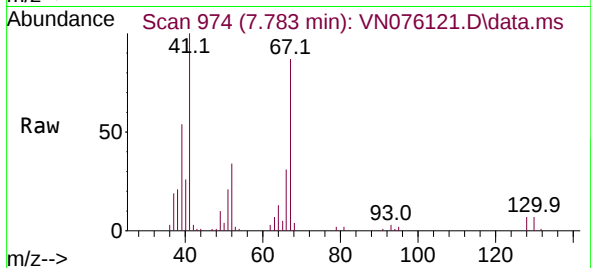
77 23.9 18.5 27.7





#41
Methacrylonitrile
Concen: 48.371 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

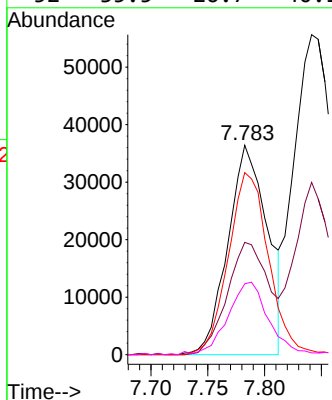
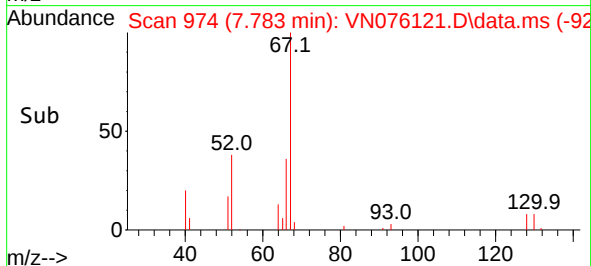
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



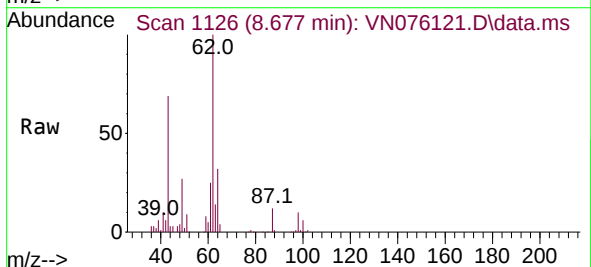
Tgt Ion: 41 Resp: 88310
Ion Ratio Lower Upper
41 100
39 56.2 43.1 64.7
67 88.5 70.7 106.1
52 35.5 26.7 40.1

Manual Integrations
APPROVED

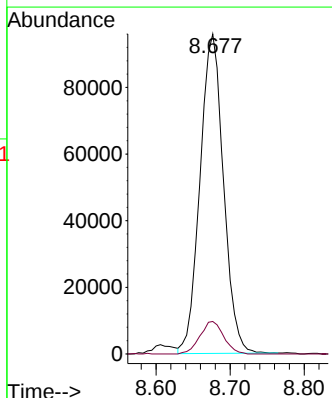
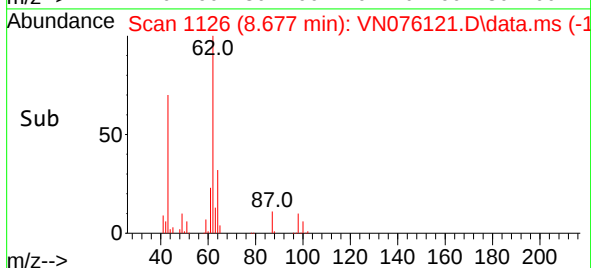
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

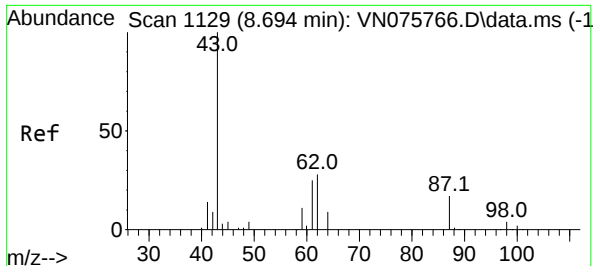


#42
1,2-Dichloroethane
Concen: 46.989 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion: 62 Resp: 210772
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





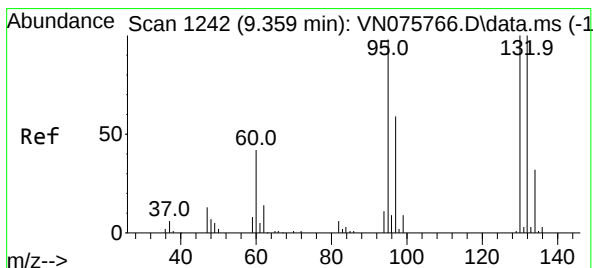
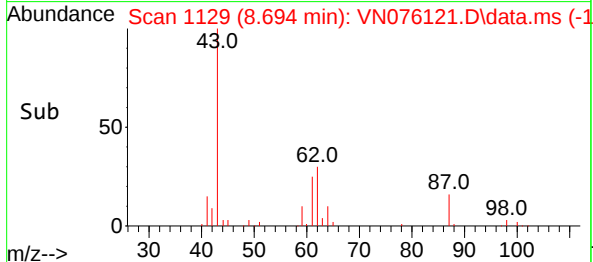
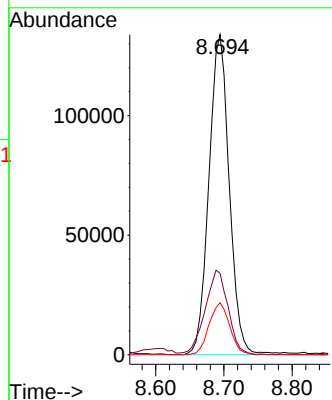
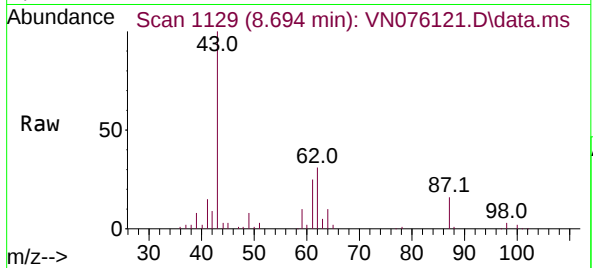
#43
Isopropyl Acetate
Concen: 47.987 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27804
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 16.4 13.3 19.9

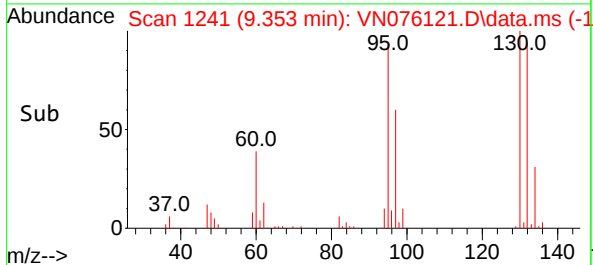
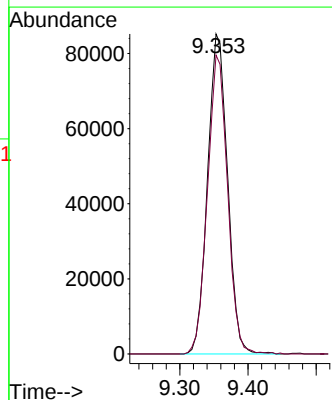
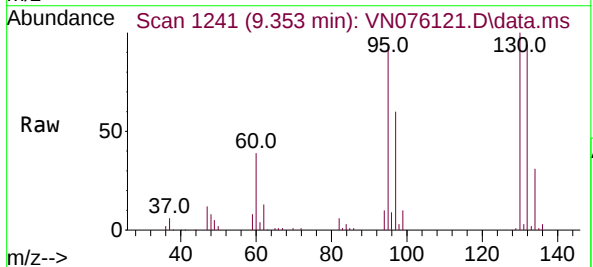
Manual Integrations
APPROVED

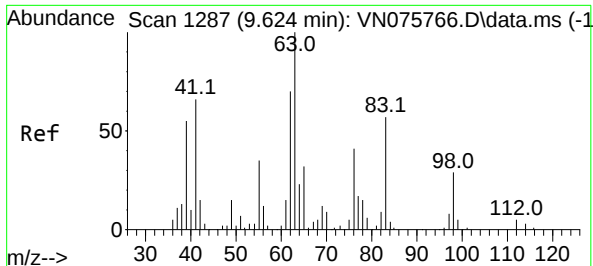
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#44
Trichloroethene
Concen: 45.723 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion:130 Resp: 173794
Ion Ratio Lower Upper
130 100
95 93.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 46.900 ug/l

RT: 9.624 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15398

Ion Ratio Lower Upper

63 100

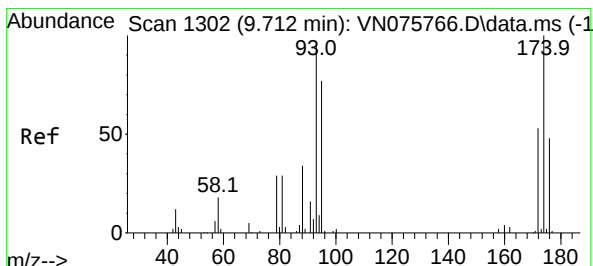
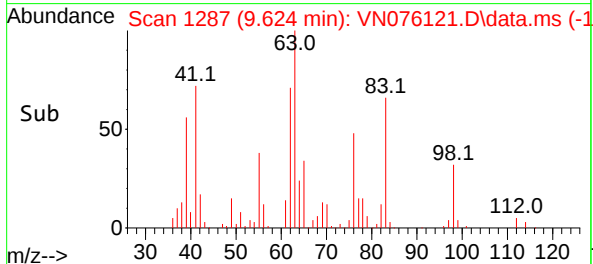
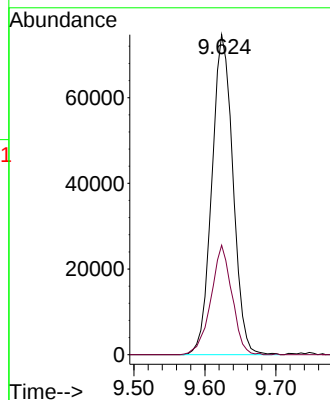
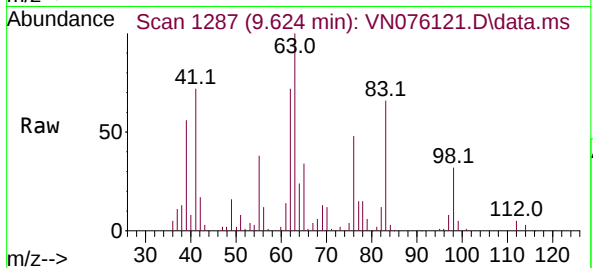
65 34.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#46

Dibromomethane

Concen: 48.054 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

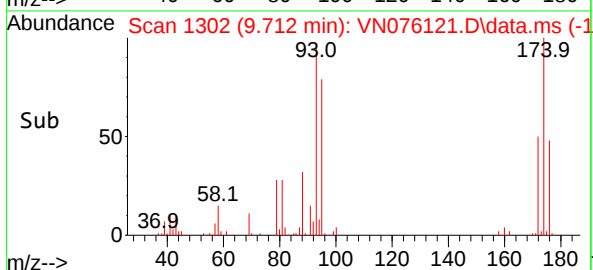
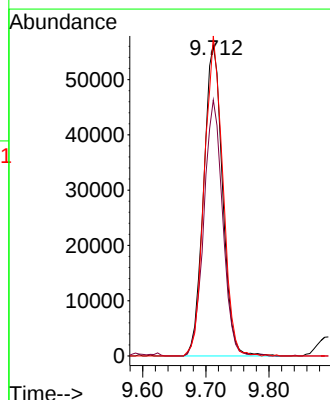
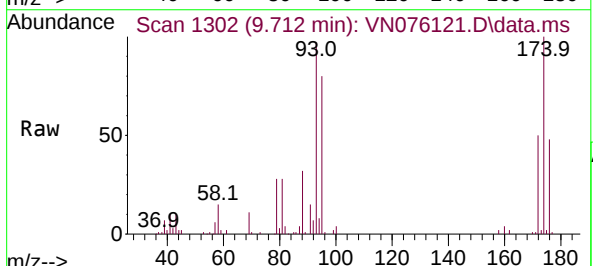
Tgt Ion: 93 Resp: 117020

Ion Ratio Lower Upper

93 100

95 81.4 65.2 97.8

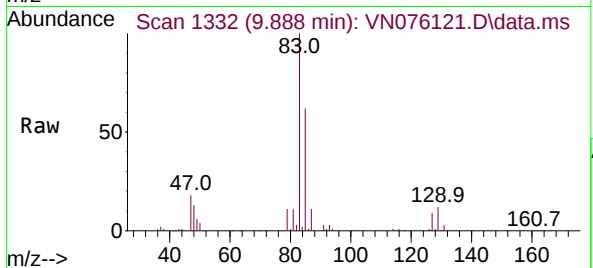
174 100.0 82.4 123.6





#47
Bromodichloromethane
Concen: 48.289 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

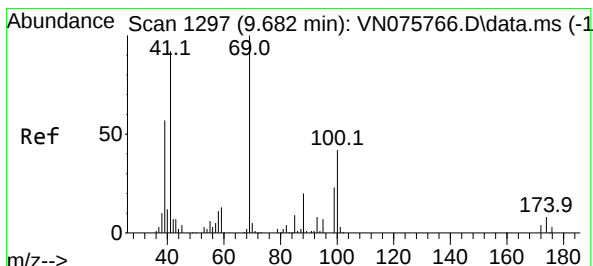
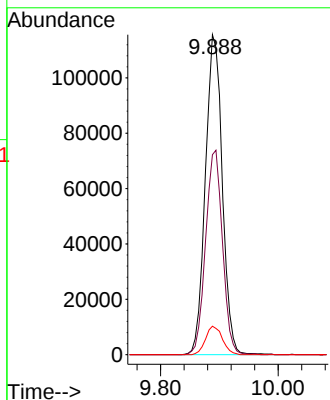
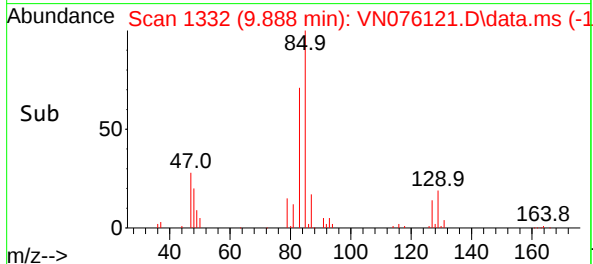
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 23060
Ion Ratio Lower Upper
83 100
85 62.5 51.5 77.3
127 8.9 6.6 10.0

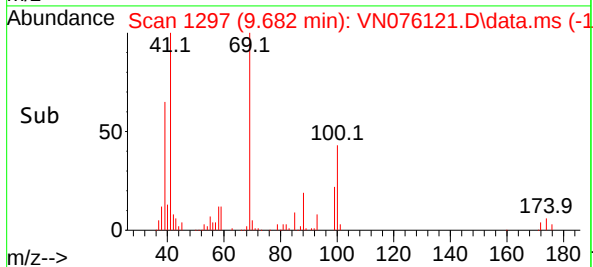
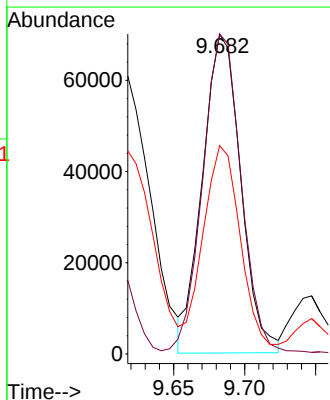
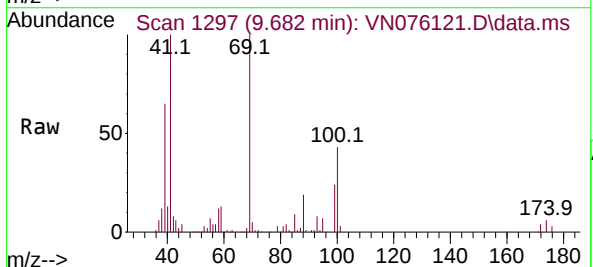
Manual Integrations
APPROVED

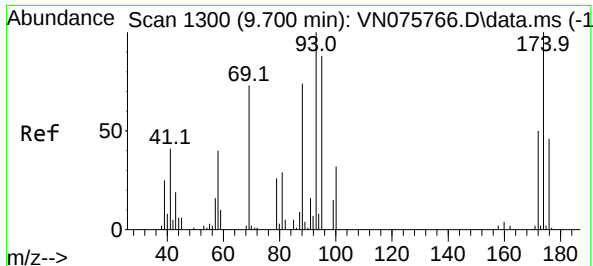
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#48
Methyl methacrylate
Concen: 50.136 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion: 41 Resp: 130839
Ion Ratio Lower Upper
41 100
69 102.0 81.9 122.9
39 64.6 51.6 77.4





#49

1,4-Dioxane

Concen: 887.923 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5696

Ion Ratio Lower Upper

88 100

43 22.4 17.1 25.7

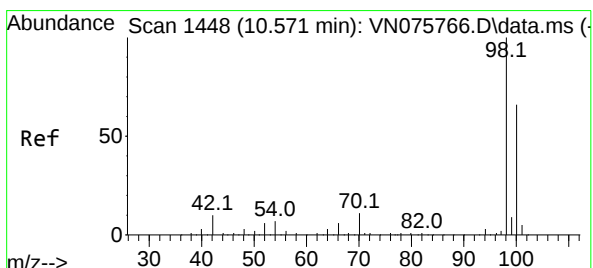
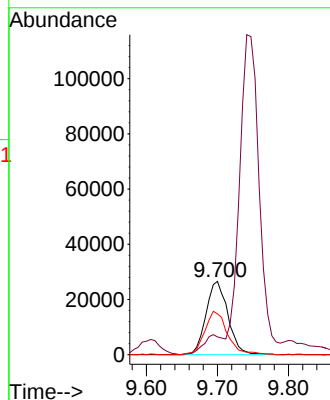
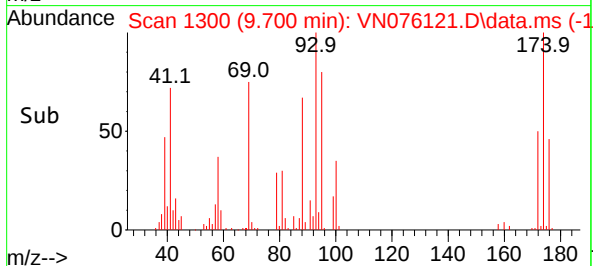
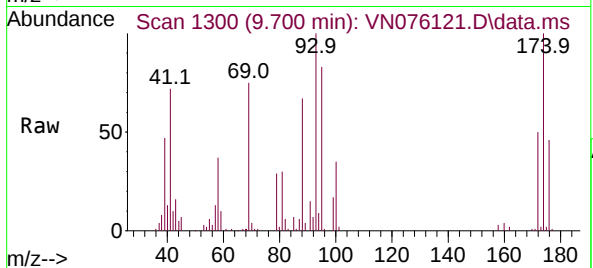
58 61.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#50

Toluene-d8

Concen: 46.054 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076121.D

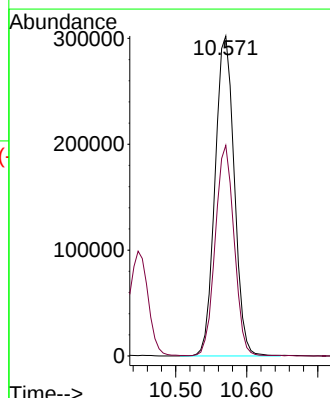
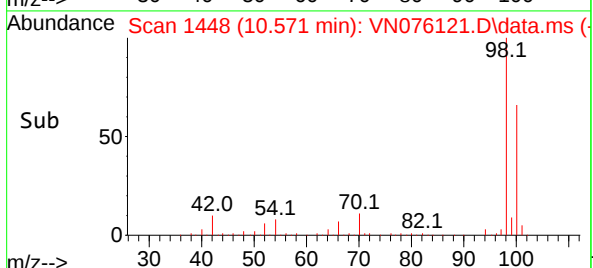
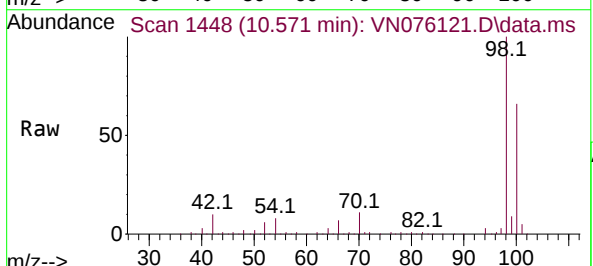
Acq: 06 Jan 2023 09:51

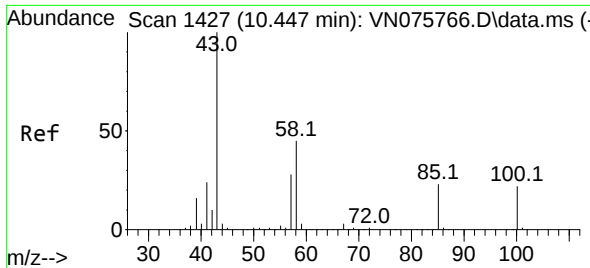
Tgt Ion: 98 Resp: 566836

Ion Ratio Lower Upper

98 100

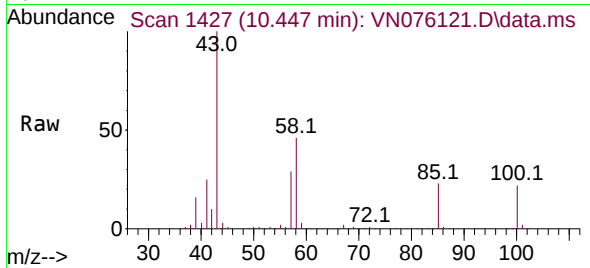
100 64.7 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 238.094 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

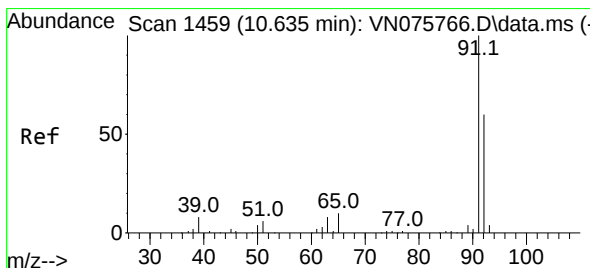
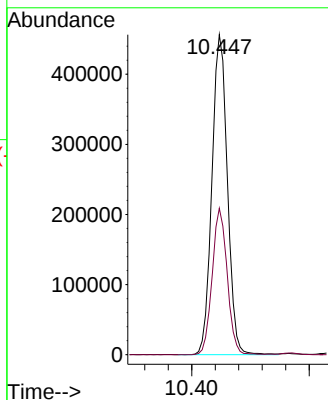
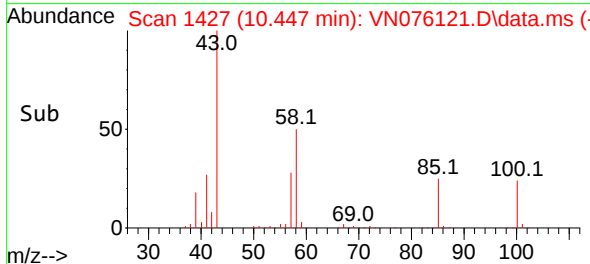
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



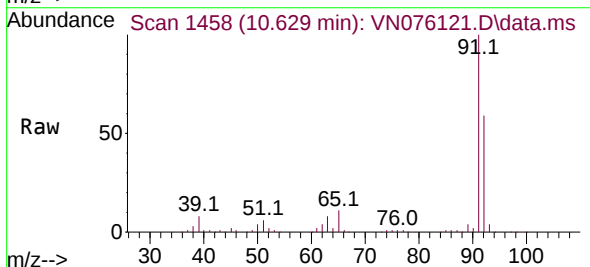
Tgt Ion: 43 Resp: 83431
Ion Ratio Lower Upper
43 100
58 44.4 35.5 53.3

Manual Integrations
APPROVED

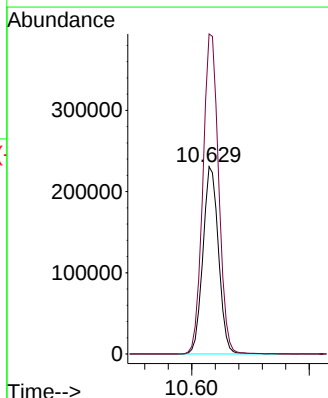
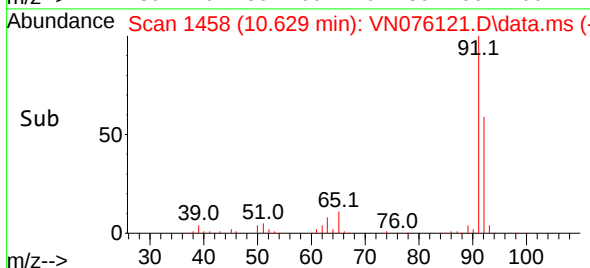
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

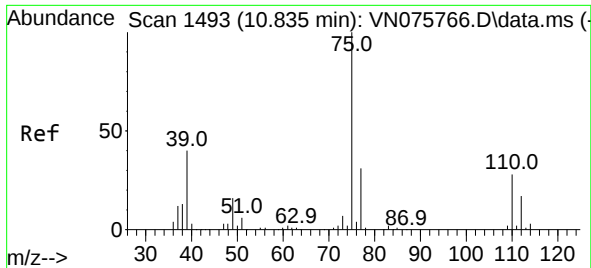


#52
Toluene
Concen: 48.220 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion: 92 Resp: 423720
Ion Ratio Lower Upper
92 100
91 173.3 137.3 205.9





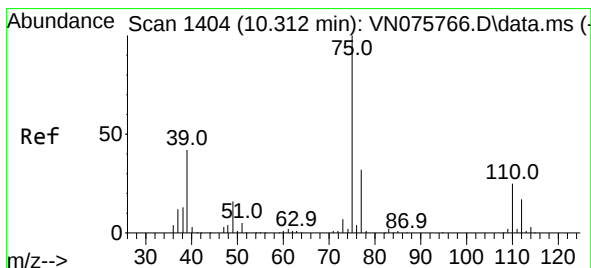
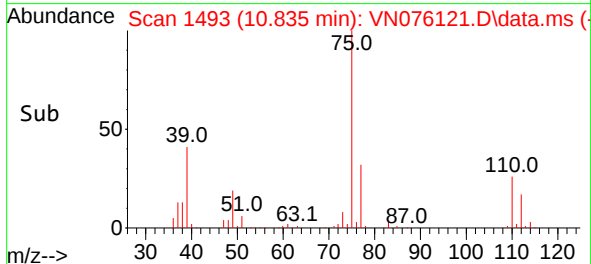
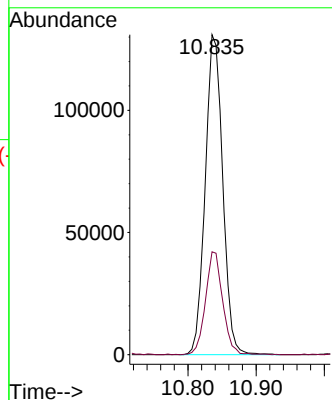
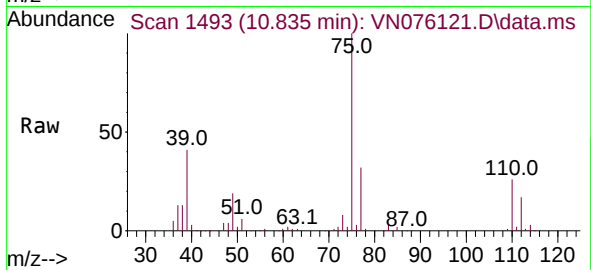
#53
t-1,3-Dichloropropene
Concen: 49.968 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 23358
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3

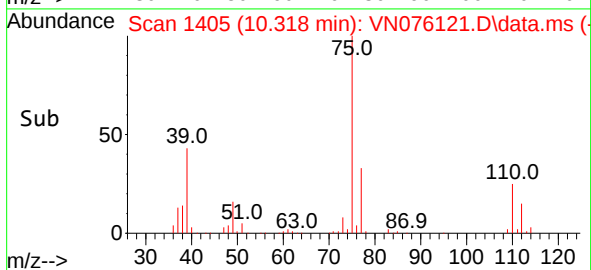
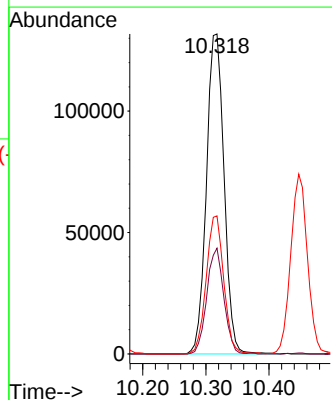
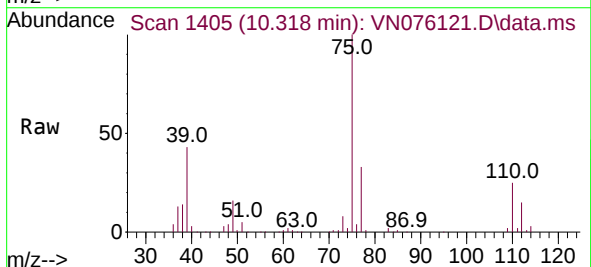
Manual Integrations
APPROVED

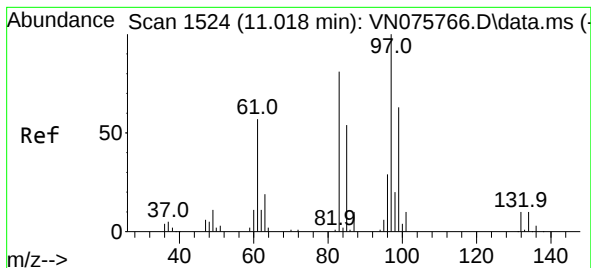
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#54
cis-1,3-Dichloropropene
Concen: 49.823 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

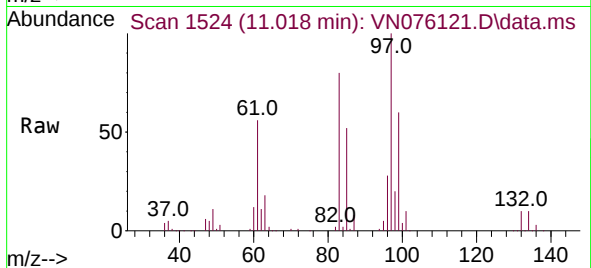
Tgt Ion: 75 Resp: 255718
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8
39 43.2 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 47.398 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

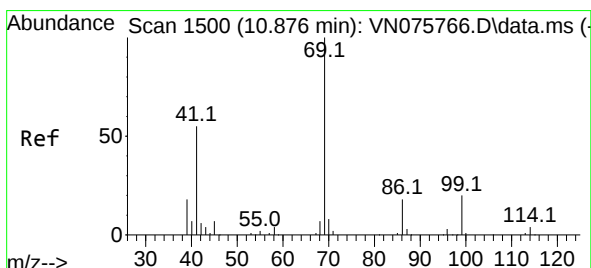
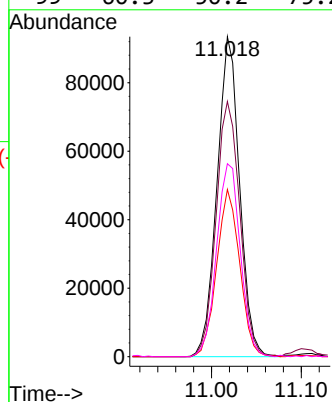
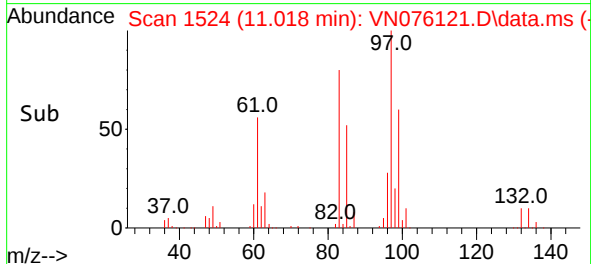
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



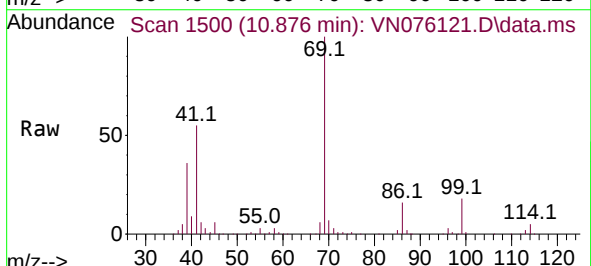
Tgt Ion: 97 Resp: 163474
Ion Ratio Lower Upper
97 100
83 79.7 65.0 97.4
85 52.2 43.0 64.6
99 60.3 50.2 75.2

Manual Integrations
APPROVED

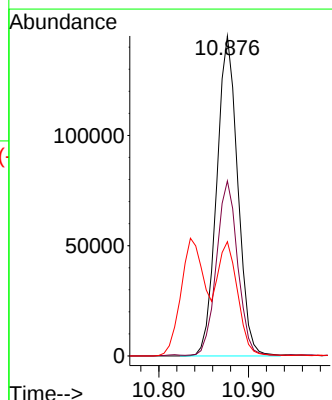
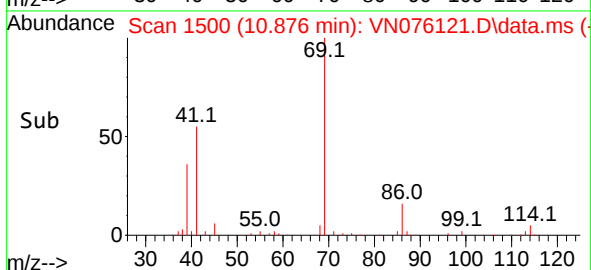
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

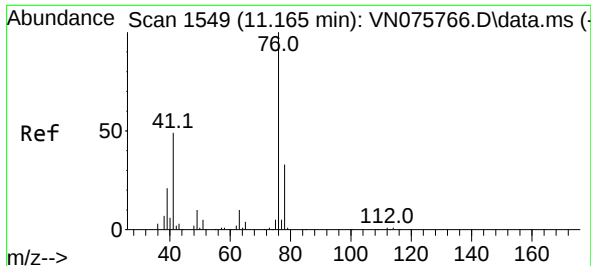


#56
Ethyl methacrylate
Concen: 51.531 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion: 69 Resp: 236074
Ion Ratio Lower Upper
69 100
41 54.8 44.2 66.4
39 33.9 26.4 39.6





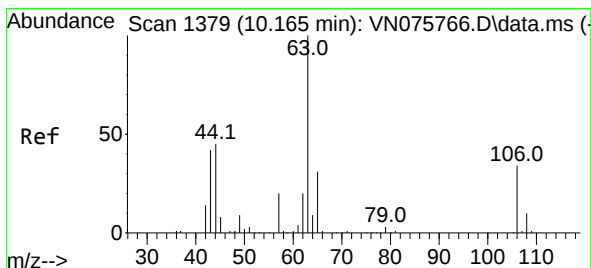
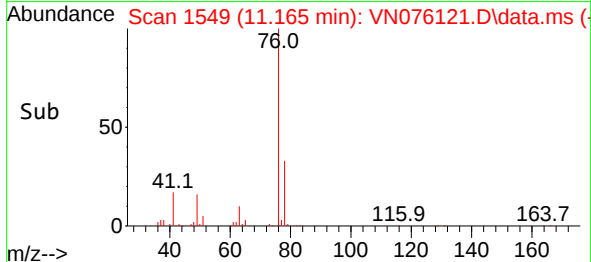
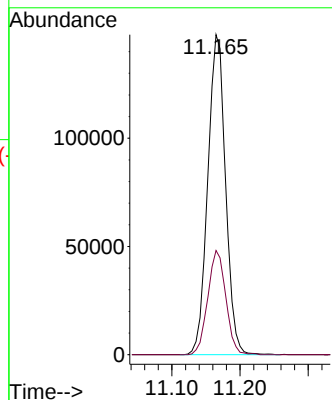
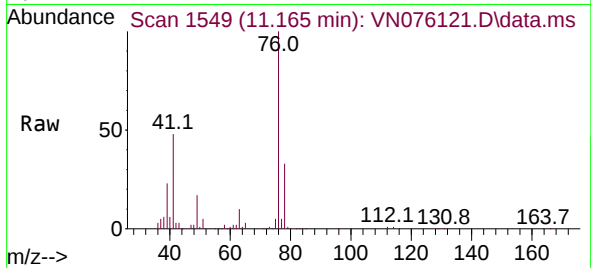
#57
1,3-Dichloropropane
Concen: 47.424 ug/l
RT: 11.165 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 268294
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.2

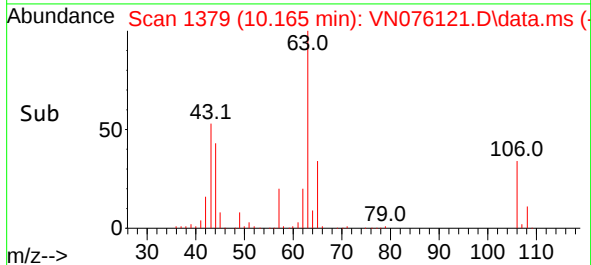
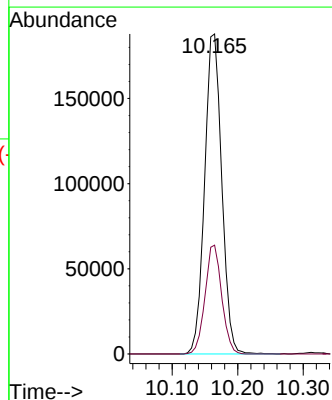
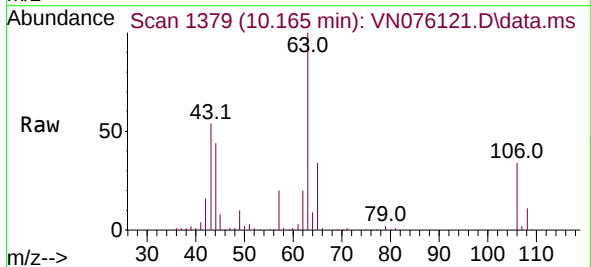
Manual Integrations
APPROVED

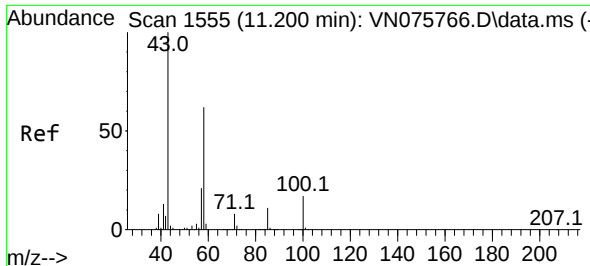
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#58
2-Chloroethyl Vinyl ether
Concen: 233.879 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

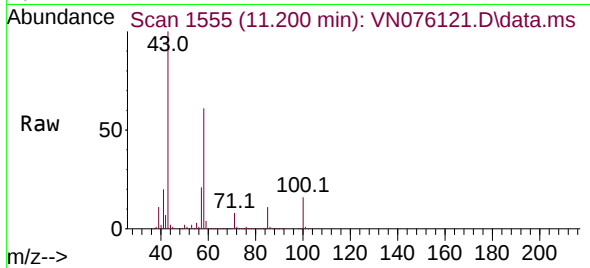
Tgt Ion: 63 Resp: 341129
Ion Ratio Lower Upper
63 100
106 33.1 26.4 39.6





#59
2-Hexanone
Concen: 251.716 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

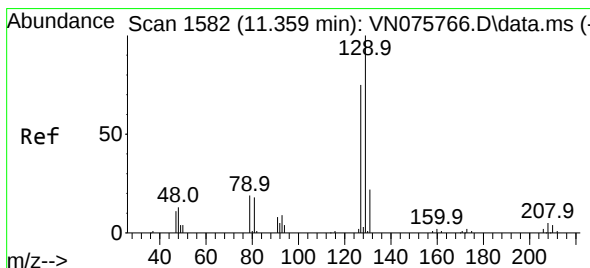
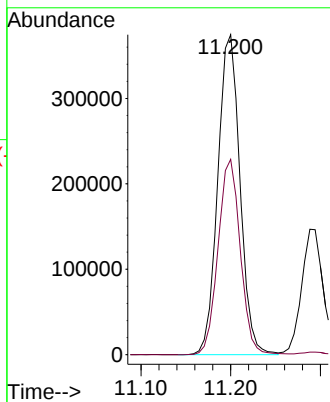
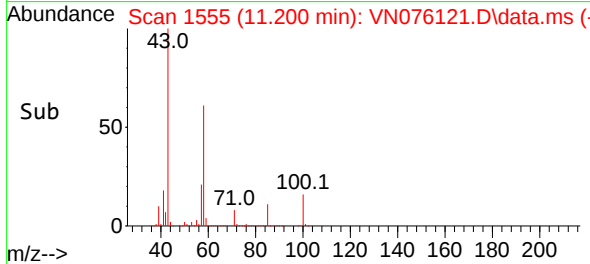
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



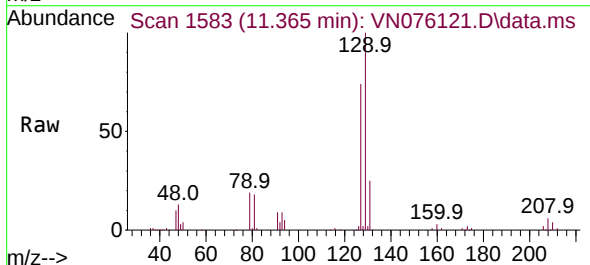
Tgt Ion: 43 Resp: 643248
Ion Ratio Lower Upper
43 100
58 61.1 30.6 92.0

Manual Integrations
APPROVED

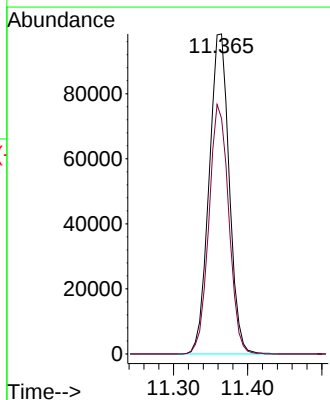
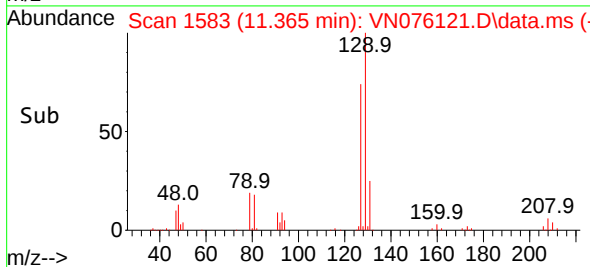
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

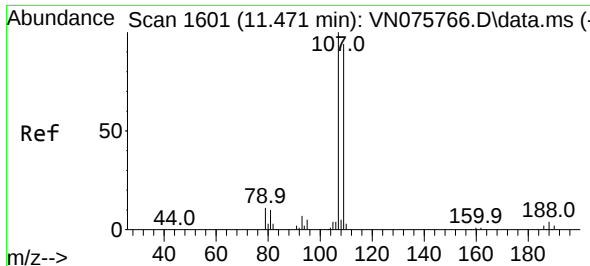


#60
Dibromochloromethane
Concen: 48.358 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion:129 Resp: 185484
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





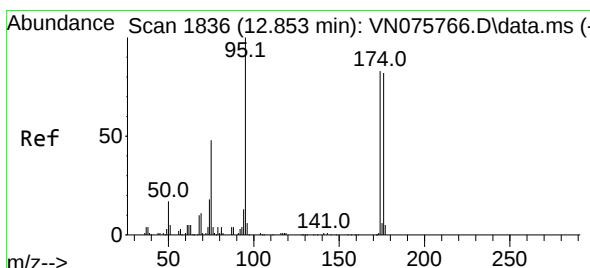
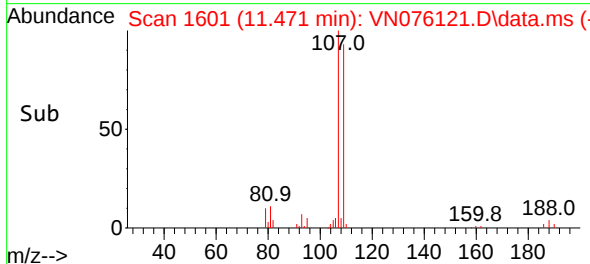
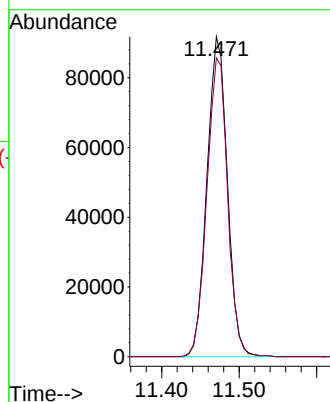
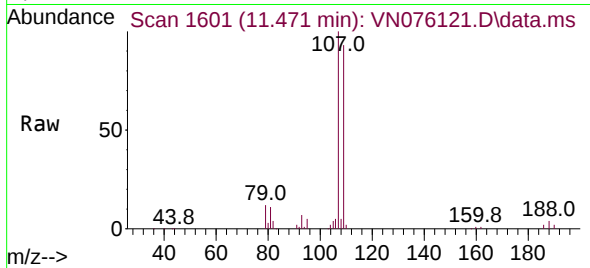
#61
1,2-Dibromoethane
Concen: 48.080 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 16781
Ion Ratio Lower Upper
107 100
109 94.8 74.8 112.2

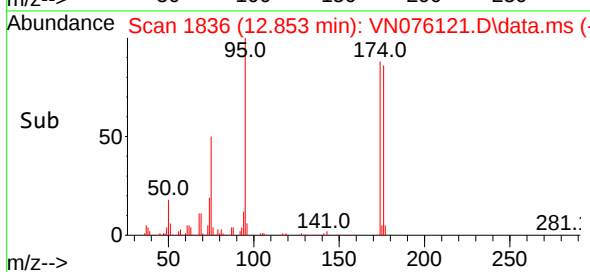
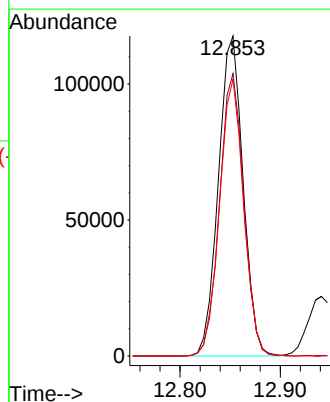
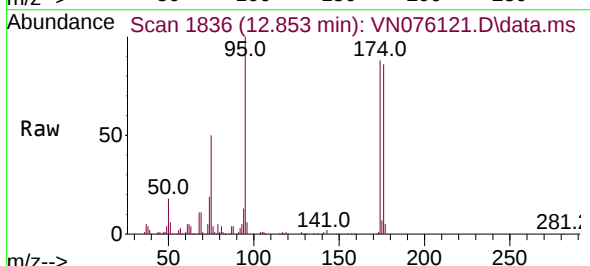
Manual Integrations
APPROVED

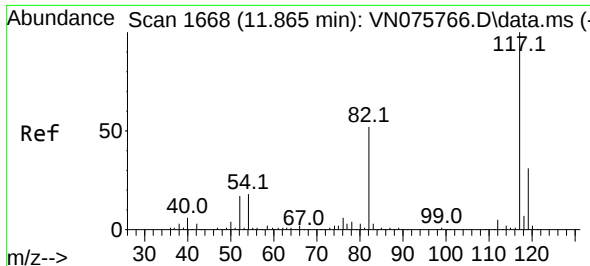
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#62
4-Bromofluorobenzene
Concen: 49.224 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

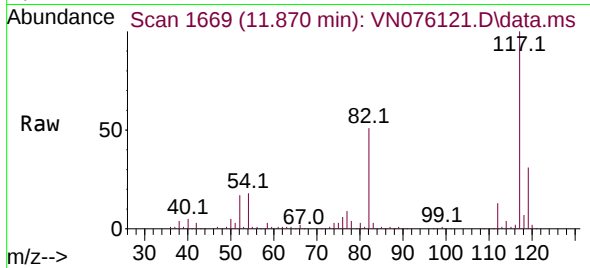
Tgt Ion: 95 Resp: 200666
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 84.4 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

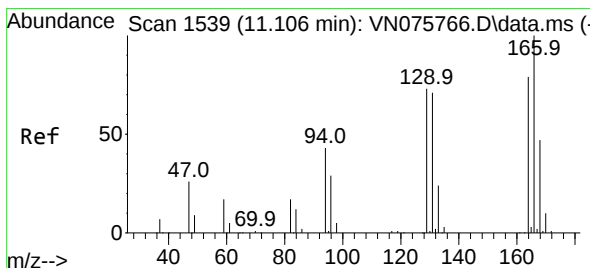
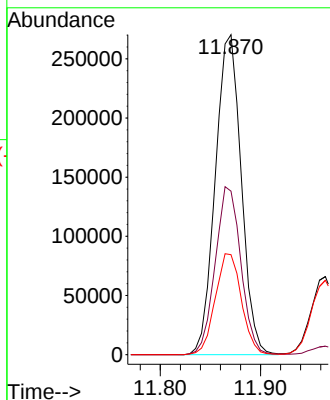
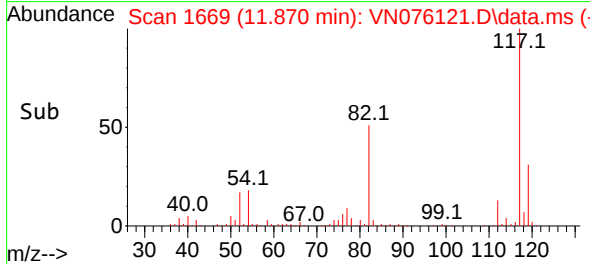
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 485610
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 31.2 24.6 37.0

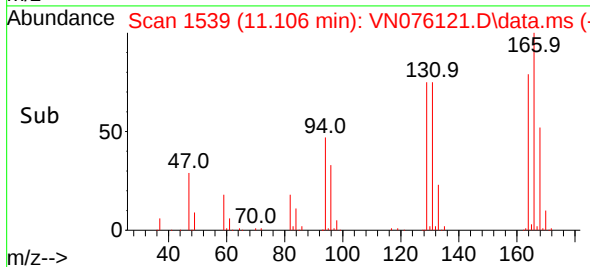
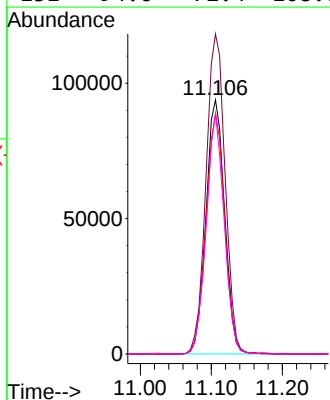
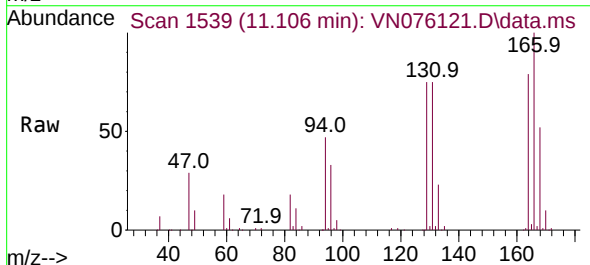
Manual Integrations
APPROVED

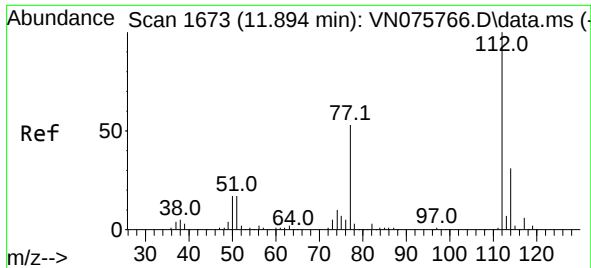
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#64
Tetrachloroethene
Concen: 50.465 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion:164 Resp: 172448
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 94.7 74.2 111.2
131 94.6 72.4 108.6





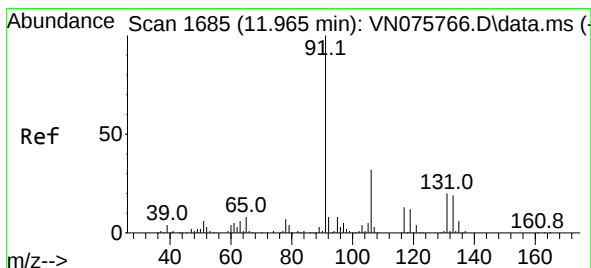
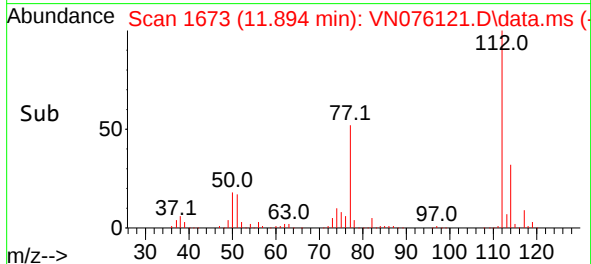
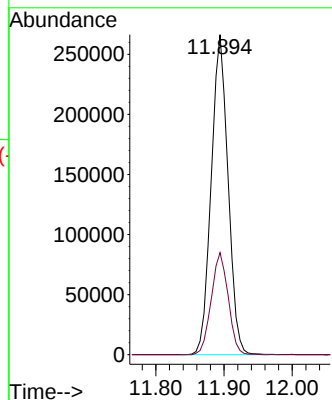
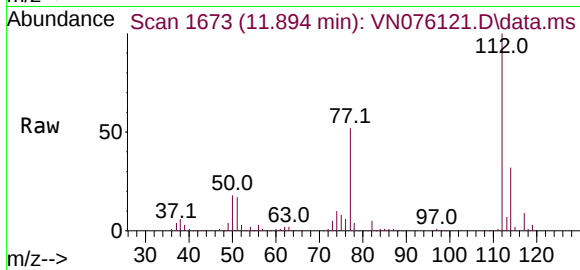
#65
Chlorobenzene
Concen: 45.857 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 457068
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

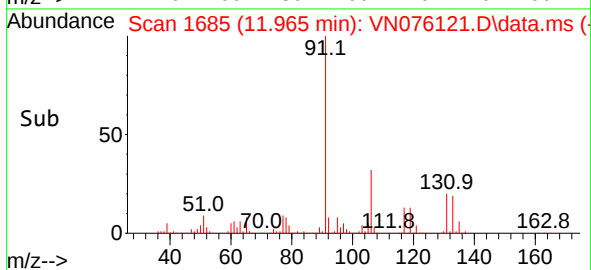
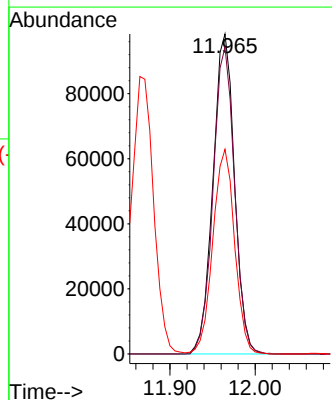
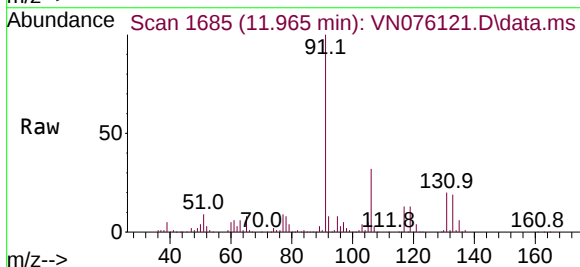
Manual Integrations
APPROVED

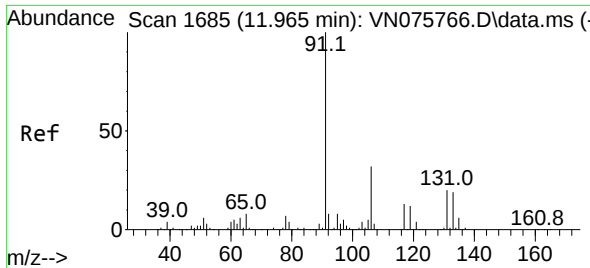
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.762 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion:131 Resp: 172635
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 64.7 31.9 95.7





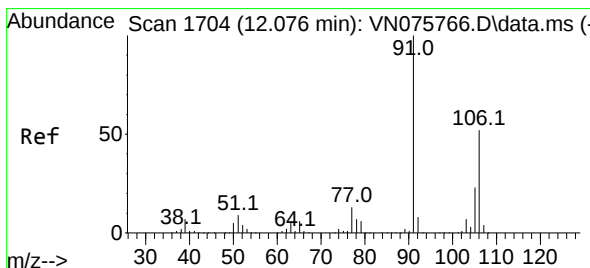
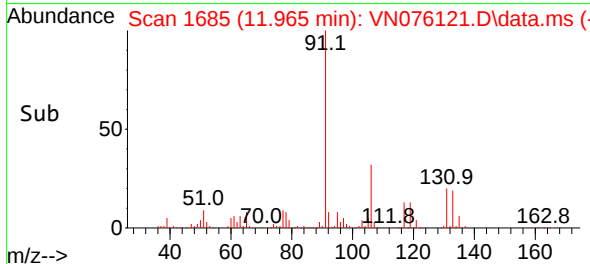
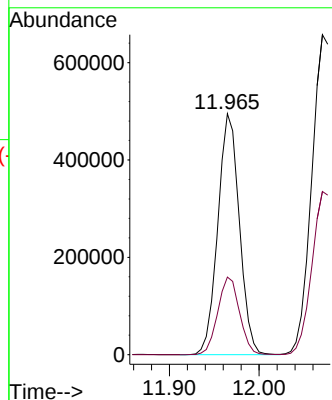
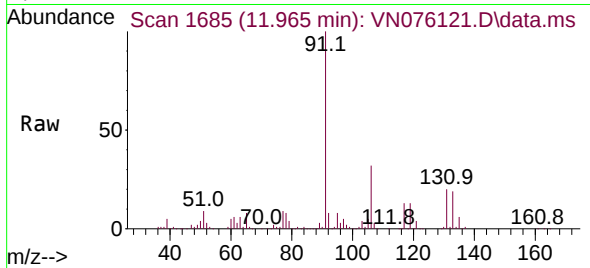
#67
Ethyl Benzene
Concen: 49.007 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 824409
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

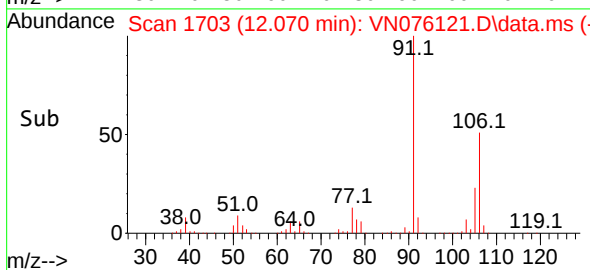
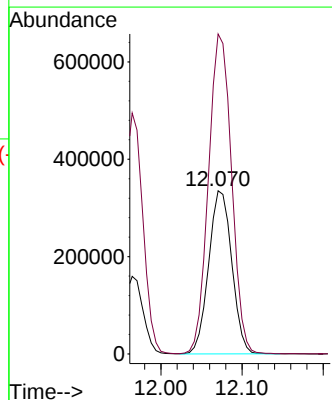
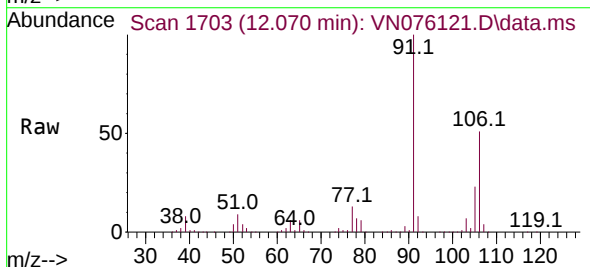
Manual Integrations
APPROVED

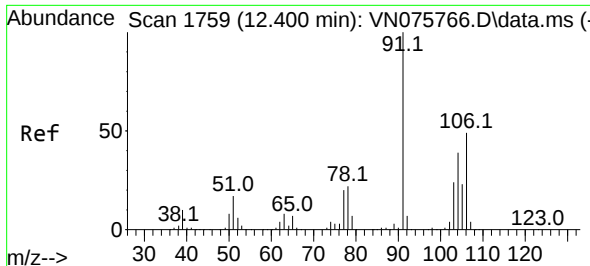
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#68
m/p-Xylenes
Concen: 99.599 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion:106 Resp: 663142
Ion Ratio Lower Upper
106 100
91 195.6 156.6 235.0





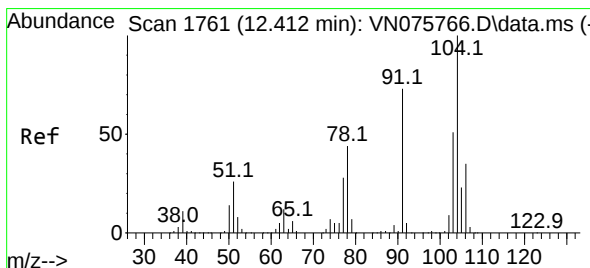
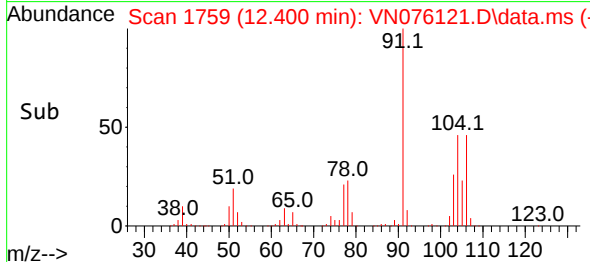
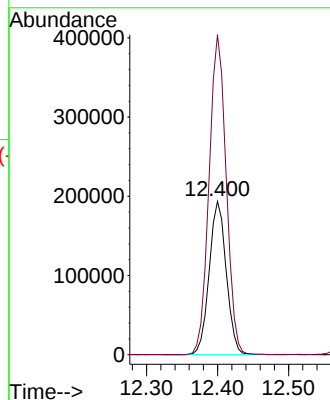
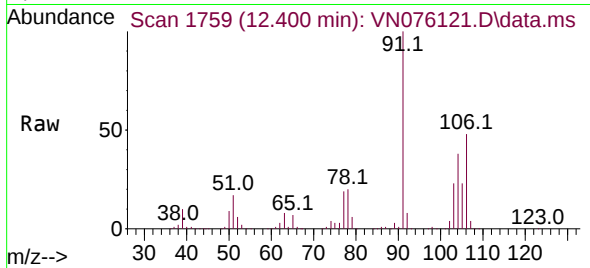
#69
o-Xylene
Concen: 48.984 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 322752
Ion Ratio Lower Upper
106 100
91 209.8 103.8 311.6

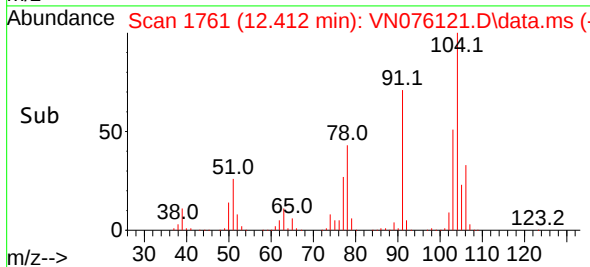
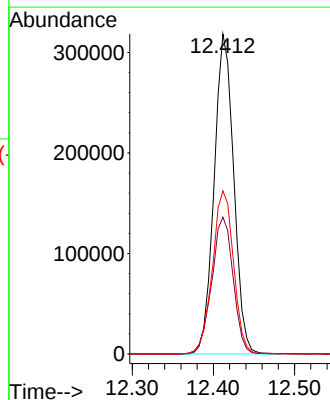
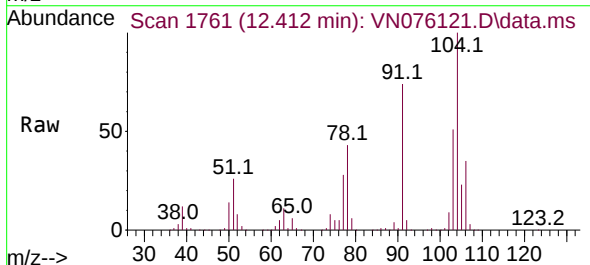
Manual Integrations
APPROVED

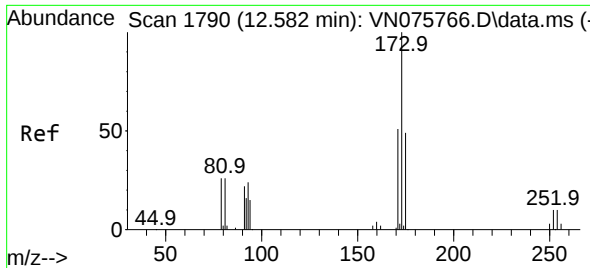
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#70
Styrene
Concen: 51.091 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

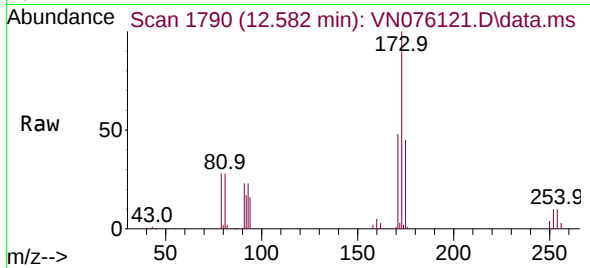
Tgt Ion:104 Resp: 535248
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 54.9 43.5 65.3





#71
Bromoform
Concen: 49.423 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

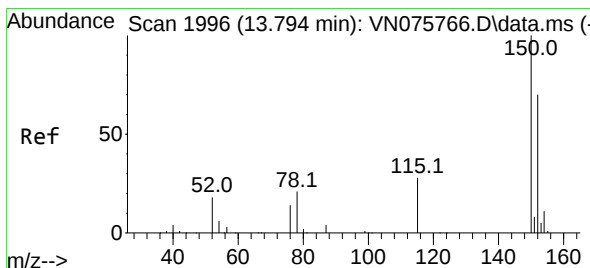
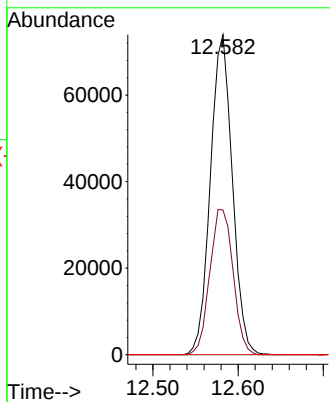
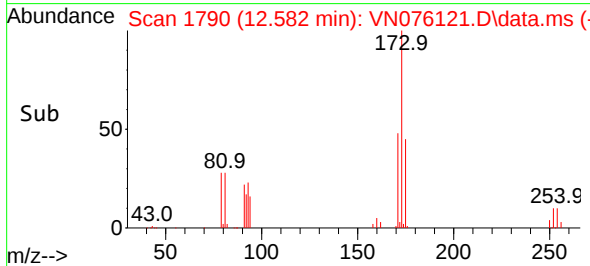
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



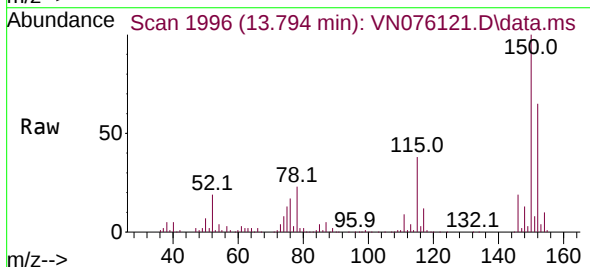
Tgt Ion:173 Resp: 132768
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

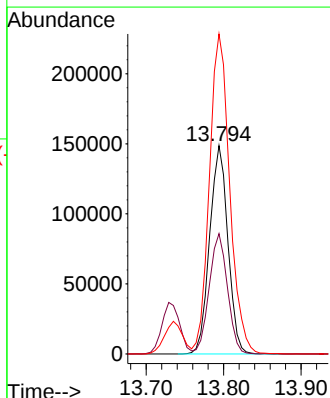
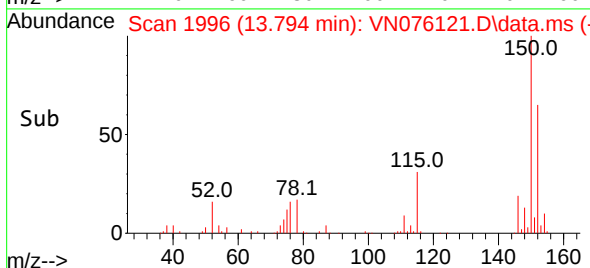
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

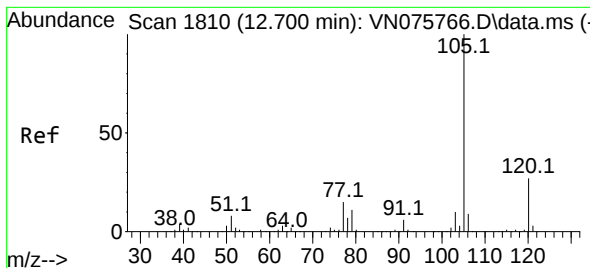


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion:152 Resp: 242907
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 171.2 0.0 347.0





#73

Isopropylbenzene

Concen: 48.451 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 850484

Ion Ratio Lower Upper

105 100

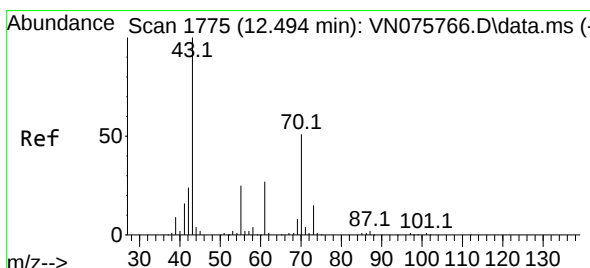
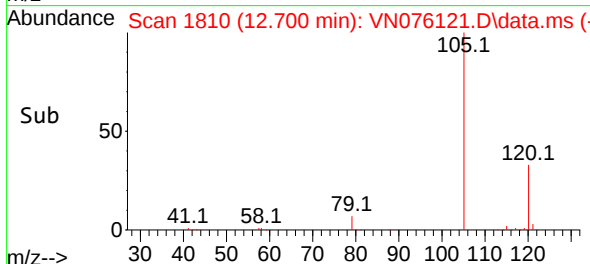
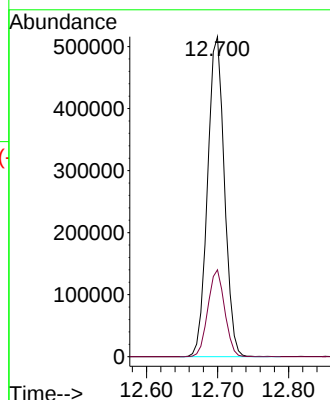
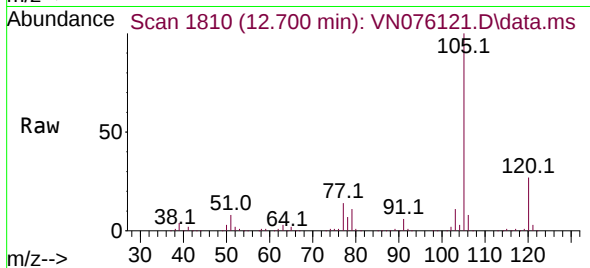
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#74

N-ethyl acetate

Concen: 48.565 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Tgt Ion: 43 Resp: 250089

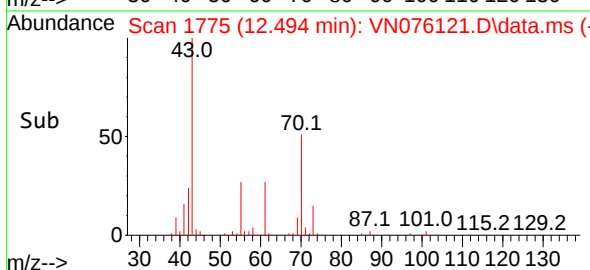
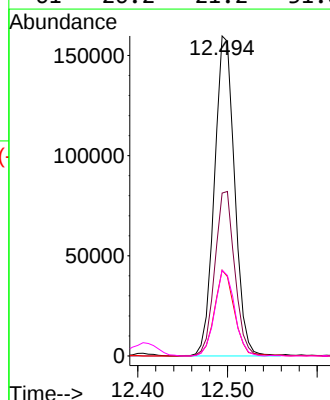
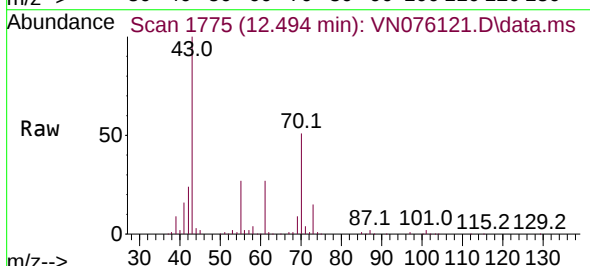
Ion Ratio Lower Upper

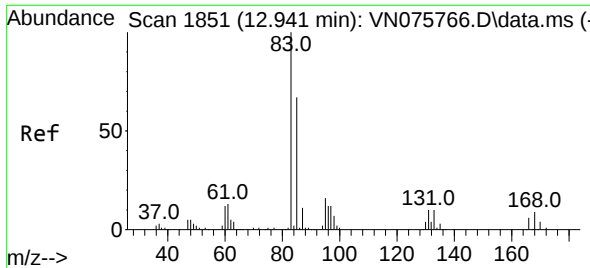
43 100

70 50.8 41.4 62.0

55 26.3 21.3 31.9

61 26.2 21.2 31.8





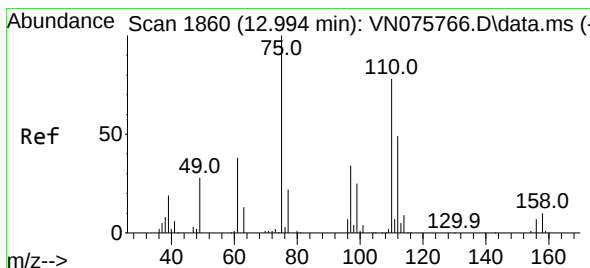
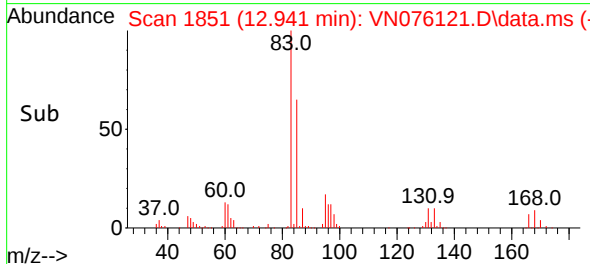
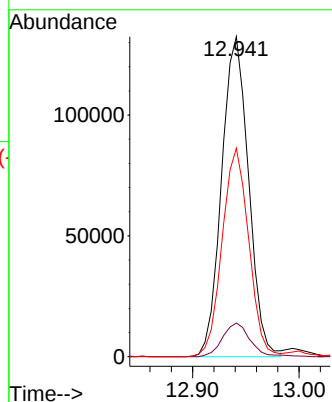
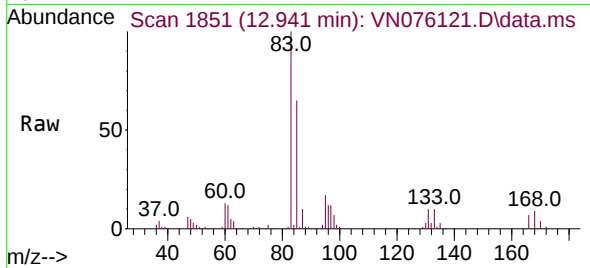
#75
1,1,2,2-Tetrachloroethane
Concen: 42.931 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 232964
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.2 32.6 98.0

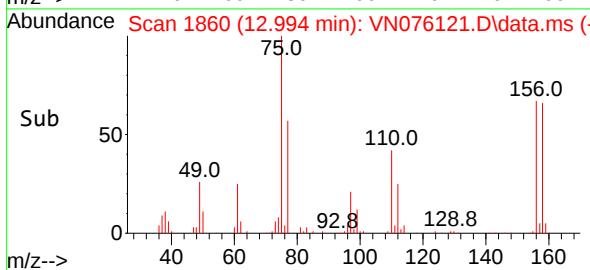
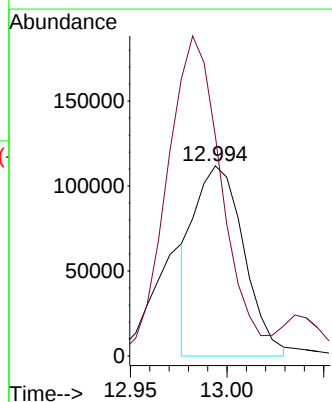
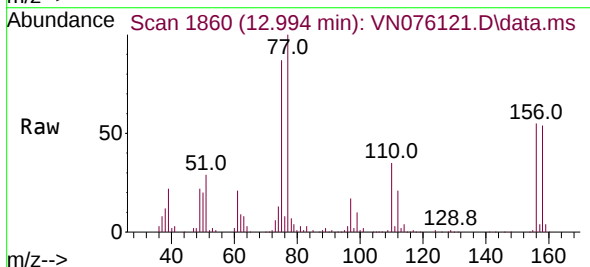
Manual Integrations
APPROVED

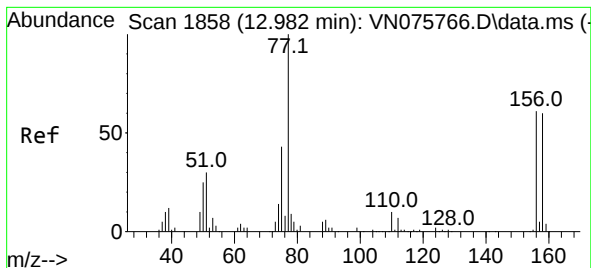
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#76
1,2,3-Trichloropropane
Concen: 40.722 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion: 75 Resp: 199394
Ion Ratio Lower Upper
75 100
77 184.7 82.6 247.8





#77

Bromobenzene

Concen: 45.820 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

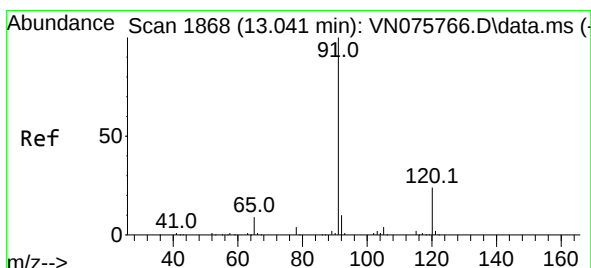
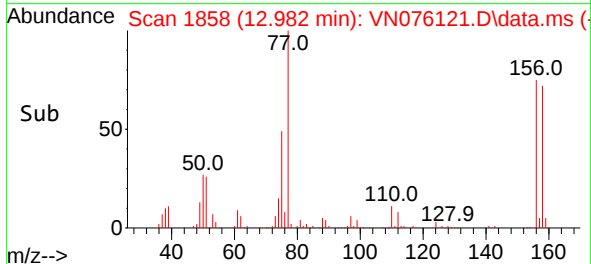
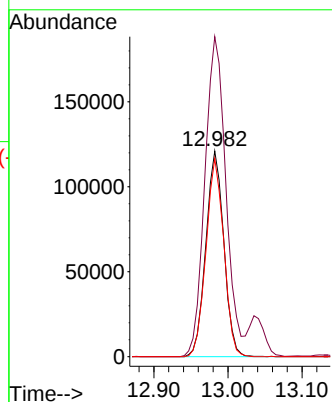
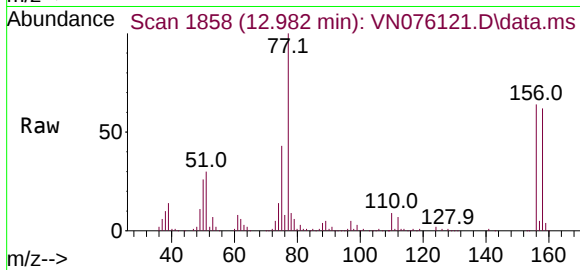
Tgt Ion:156 Resp: 203550
 Ion Ratio Lower Upper
 156 100
 77 180.9 93.8 281.3
 158 95.7 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#78

n-propylbenzene

Concen: 50.472 ug/l

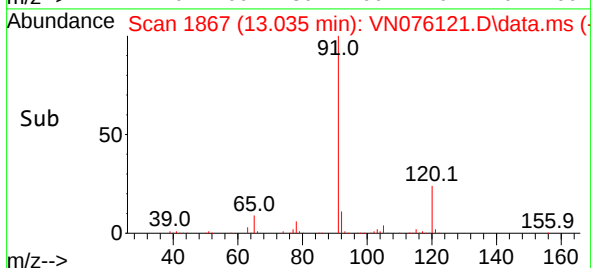
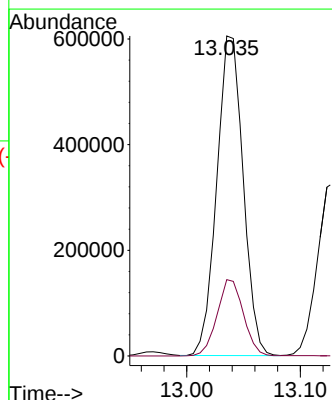
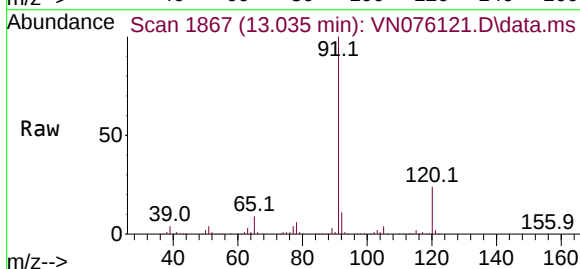
RT: 13.035 min Scan# 1867

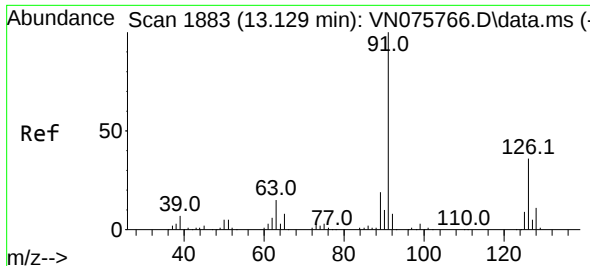
Delta R.T. -0.006 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

Tgt Ion: 91 Resp: 977168
 Ion Ratio Lower Upper
 91 100
 120 23.8 12.0 36.1





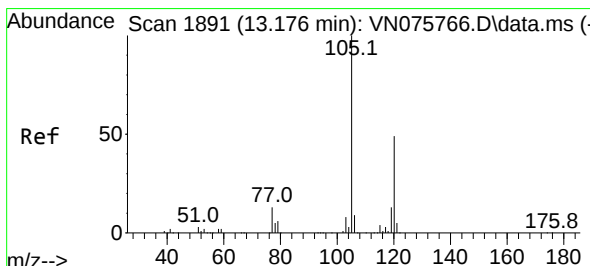
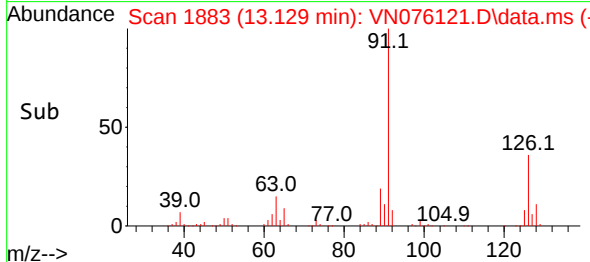
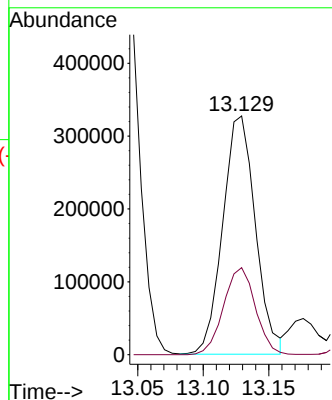
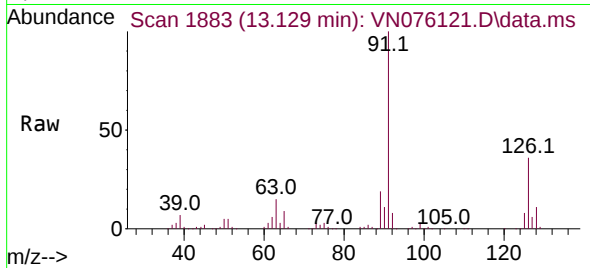
#79
2-Chlorotoluene
Concen: 46.879 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 566554
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.5

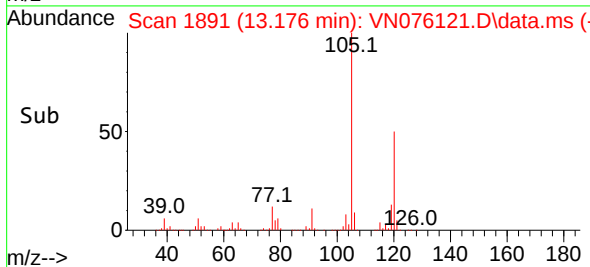
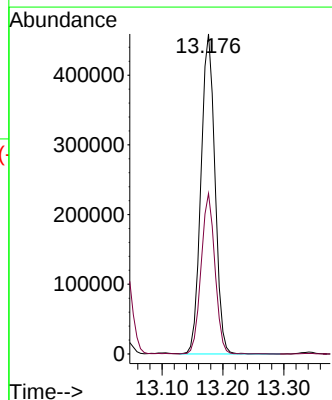
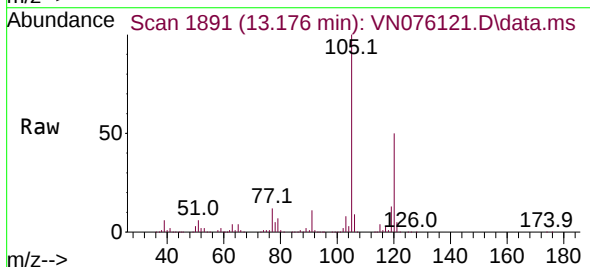
Manual Integrations
APPROVED

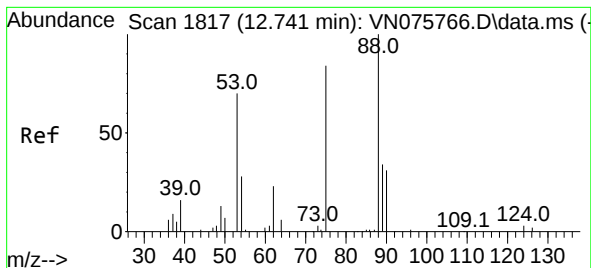
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.808 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

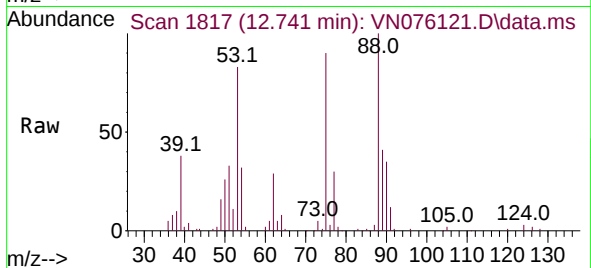
Tgt Ion:105 Resp: 731744
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 49.863 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

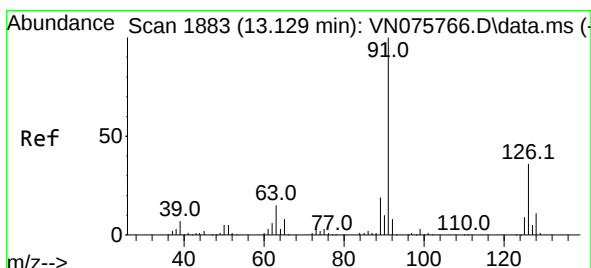
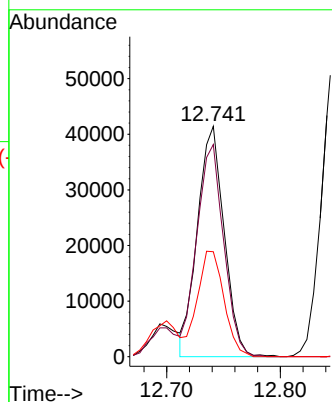
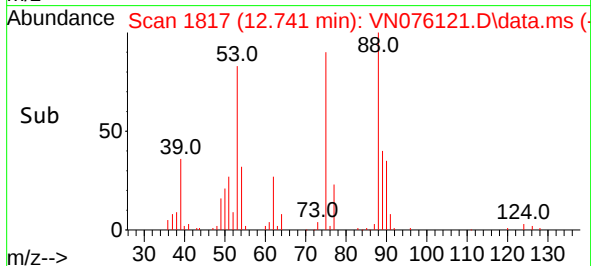
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



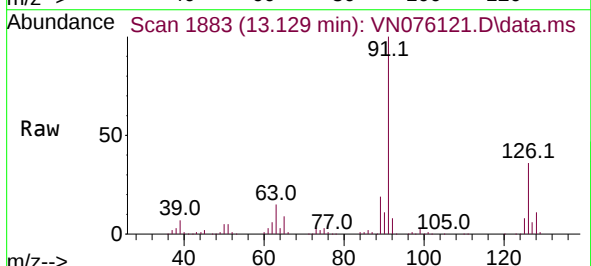
Tgt Ion: 75 Resp: 67829
Ion Ratio Lower Upper
75 100
53 92.6 73.8 110.6
89 46.3 39.5 59.3

Manual Integrations
APPROVED

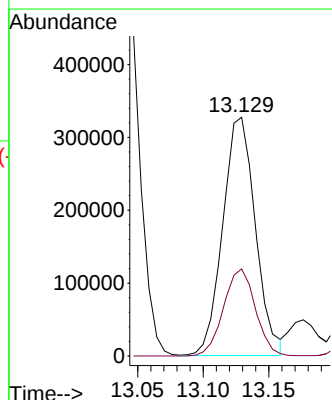
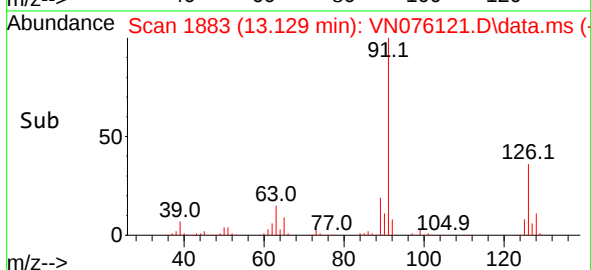
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

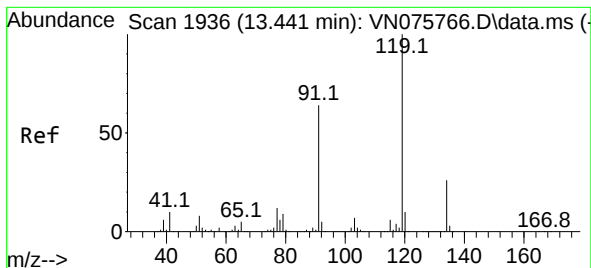


#82
4-Chlorotoluene
Concen: 46.879 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion: 91 Resp: 566554
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.5





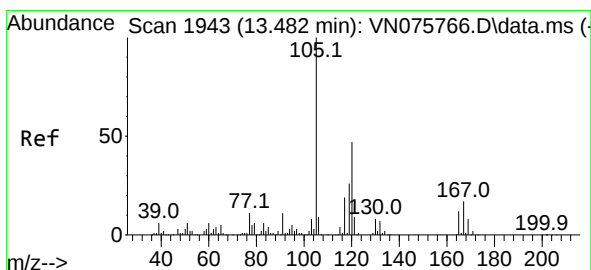
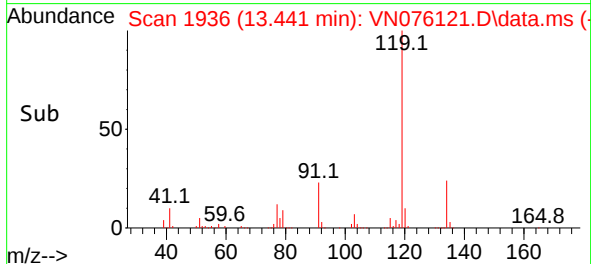
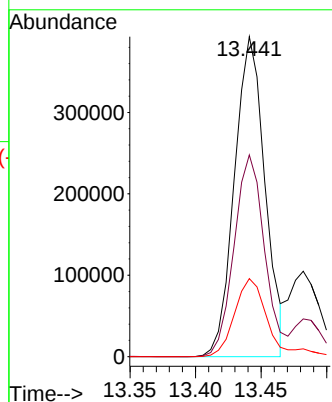
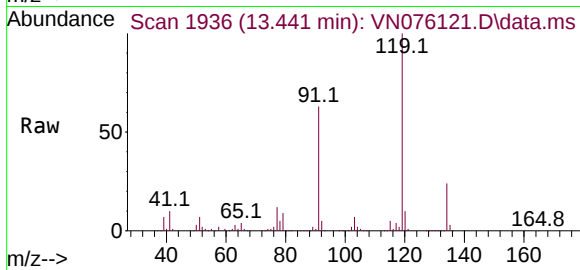
#83
tert-Butylbenzene
Concen: 49.187 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 637119
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.5
134 26.6 13.8 41.4

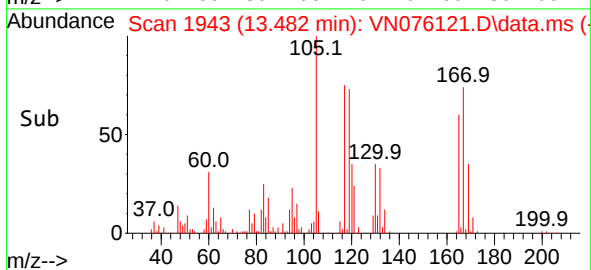
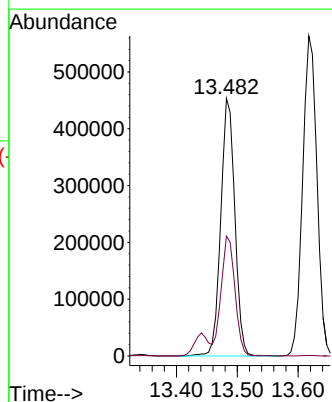
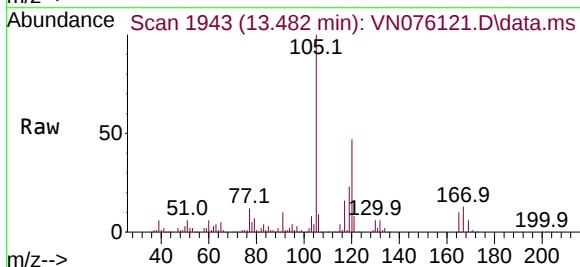
Manual Integrations
APPROVED

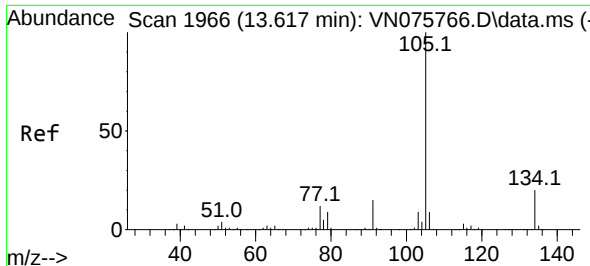
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.902 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

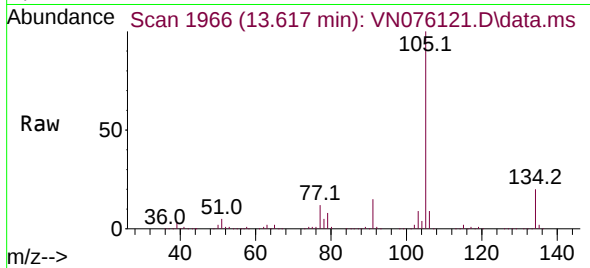
Tgt Ion:105 Resp: 727288
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 51.352 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51

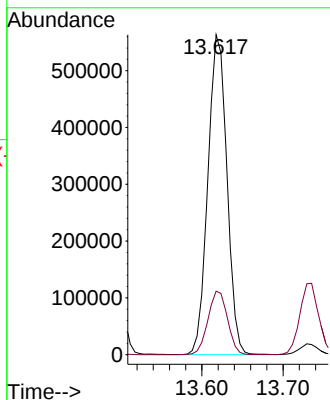
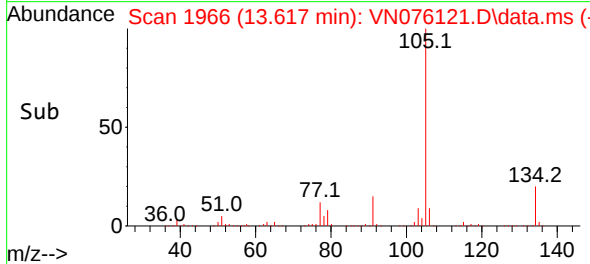
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



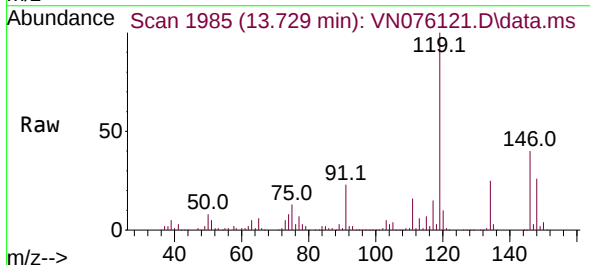
Tgt Ion:105 Resp: 918090
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
 APPROVED

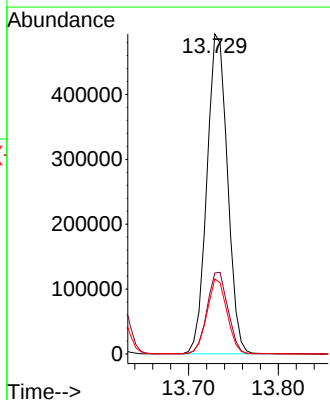
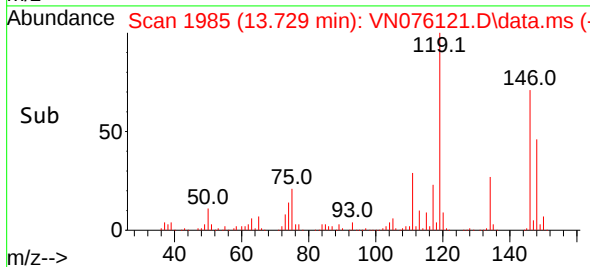
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

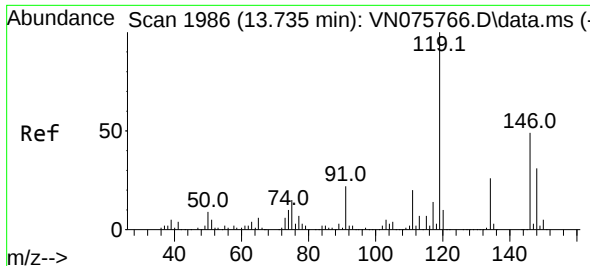


#86
 p-Isopropyltoluene
 Concen: 52.745 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51



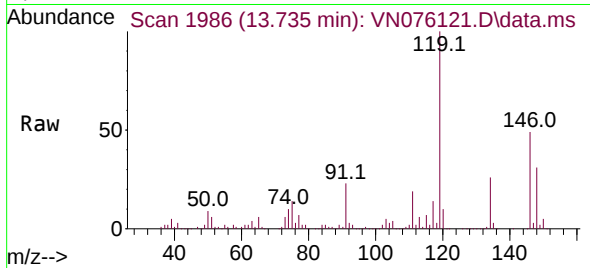
Tgt Ion:119 Resp: 784660
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 22.7 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 46.975 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51

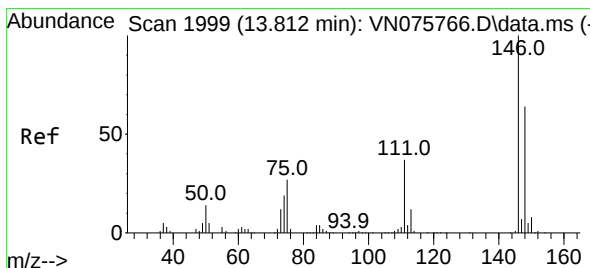
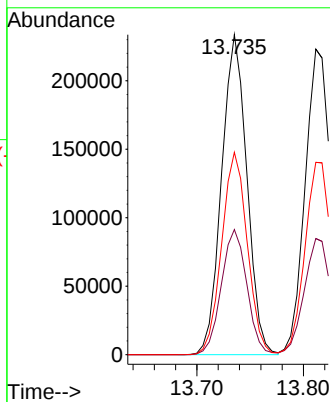
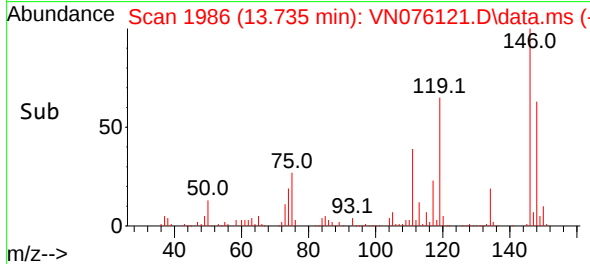
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



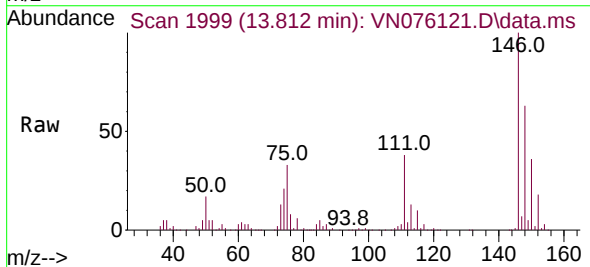
Tgt Ion:146 Resp: 38547
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.0
 148 64.0 31.4 94.2

Manual Integrations
 APPROVED

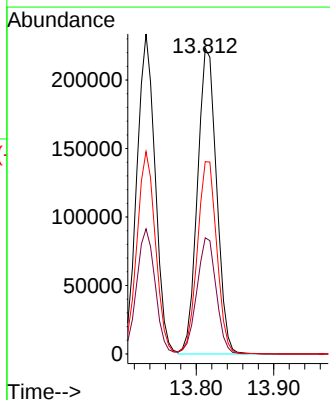
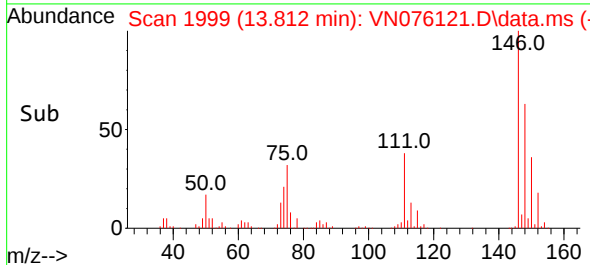
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

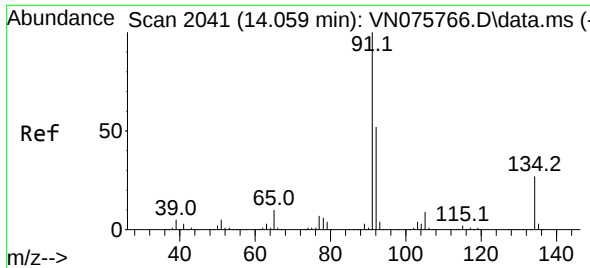


#88
 1,4-Dichlorobenzene
 Concen: 45.587 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076121.D
 Acq: 06 Jan 2023 09:51



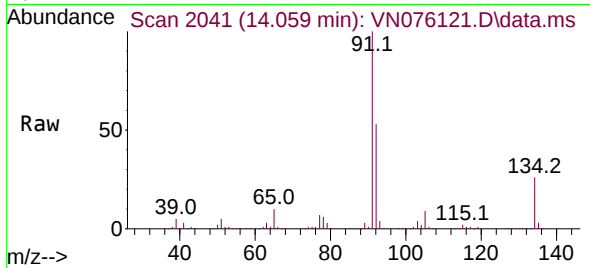
Tgt Ion:146 Resp: 382150
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.1
 148 64.0 32.0 96.2





#89
n-Butylbenzene
Concen: 53.079 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

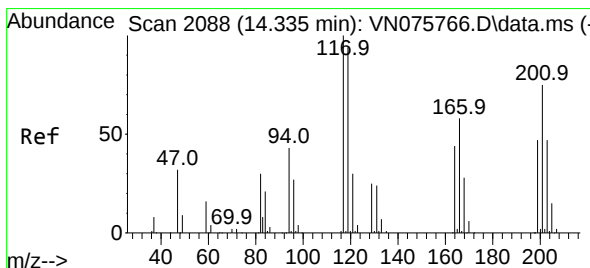
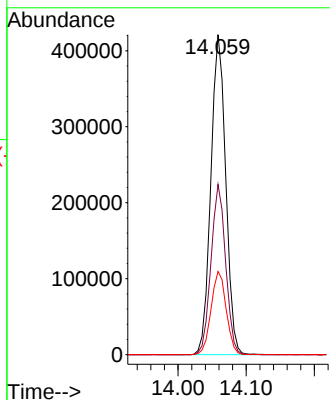
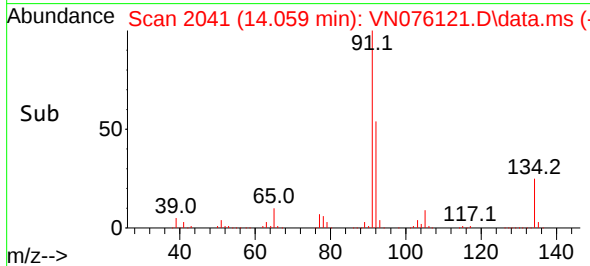
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 639700
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 26.4 13.4 40.2

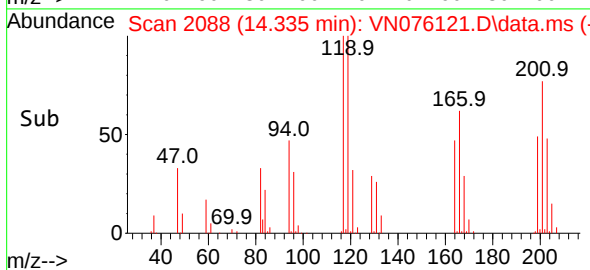
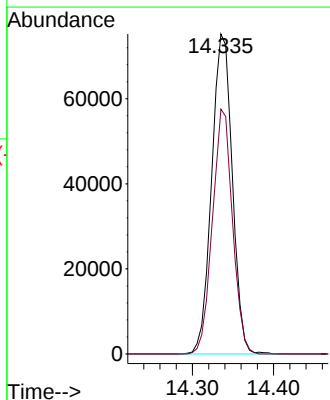
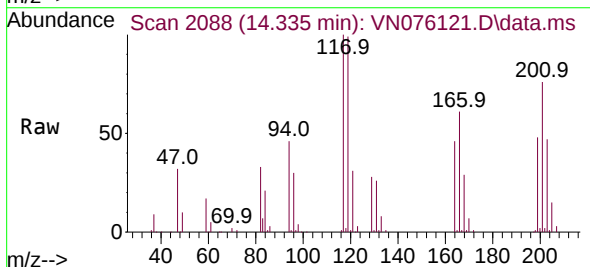
Manual Integrations
APPROVED

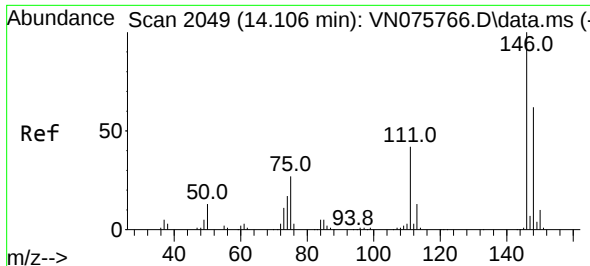
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#90
Hexachloroethane
Concen: 49.898 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

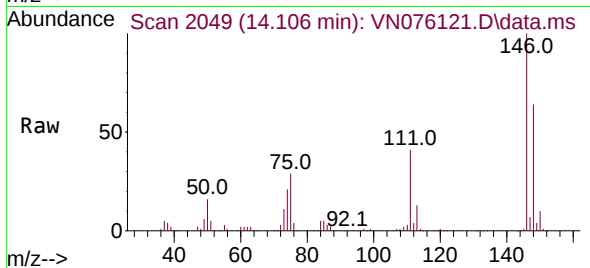
Tgt Ion:117 Resp: 132781
Ion Ratio Lower Upper
117 100
201 74.4 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 46.611 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

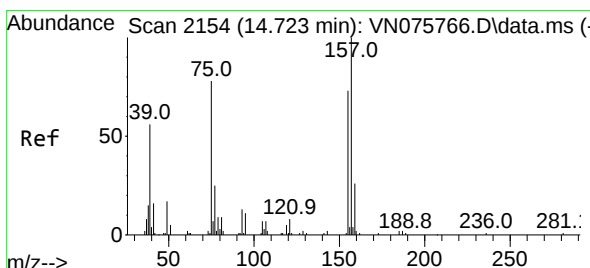
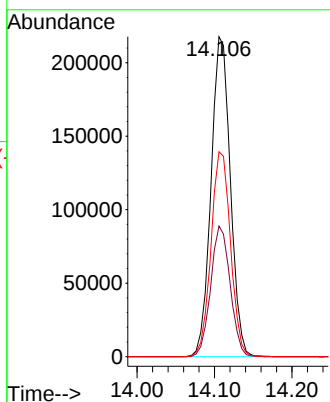
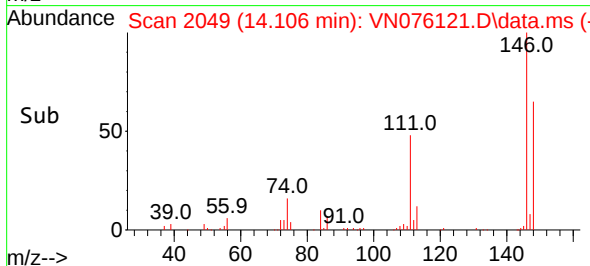
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



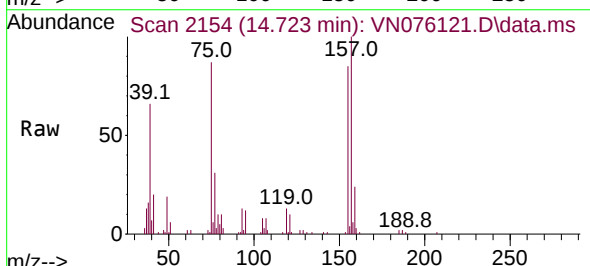
Tgt Ion:146 Resp: 376748
Ion Ratio Lower Upper
146 100
111 41.1 20.3 61.0
148 64.7 31.7 95.1

Manual Integrations
APPROVED

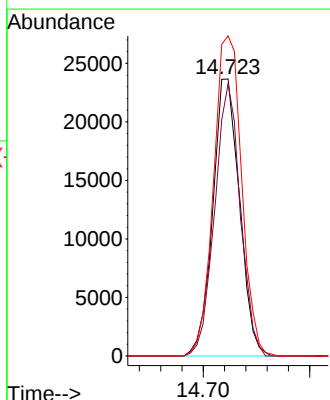
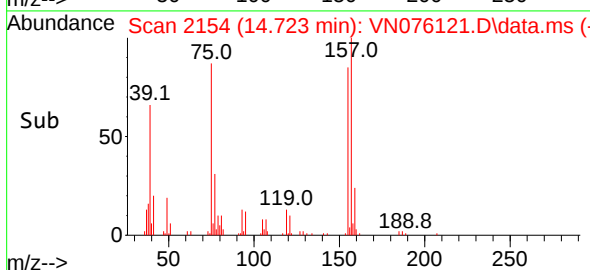
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

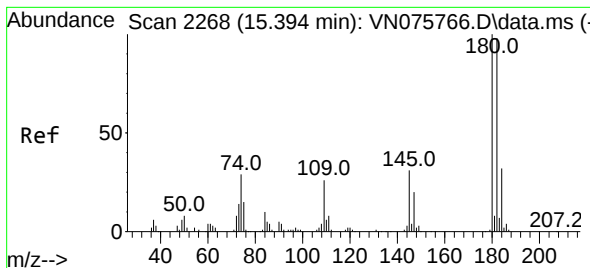


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.794 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51



Tgt Ion: 75 Resp: 41206
Ion Ratio Lower Upper
75 100
155 93.9 49.3 147.8
157 121.2 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 48.466 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076121.D

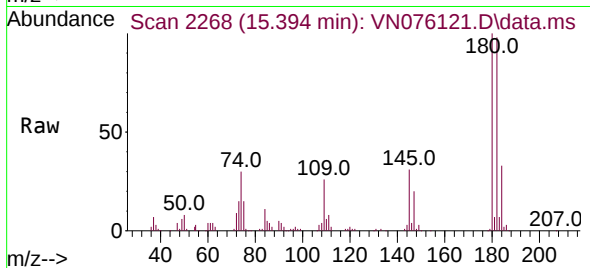
Acq: 06 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



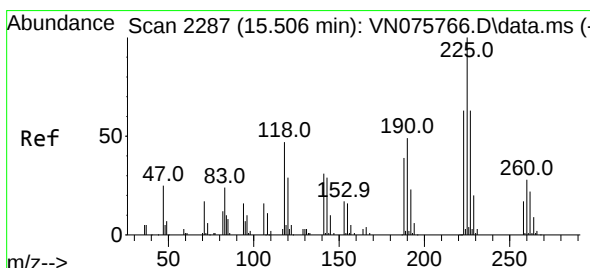
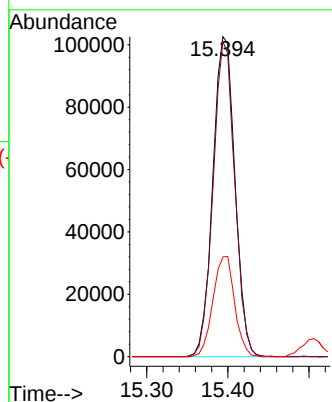
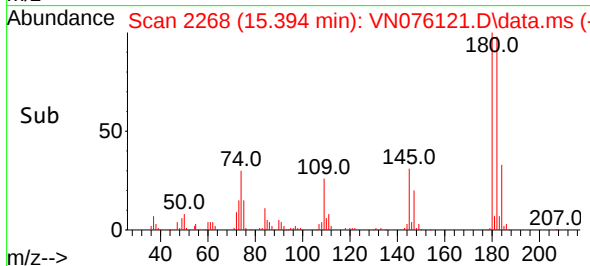
Tgt Ion:	180	Resp:	19394
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.5	142.5
145	30.7	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#94

Hexachlorobutadiene

Concen: 49.079 ug/l

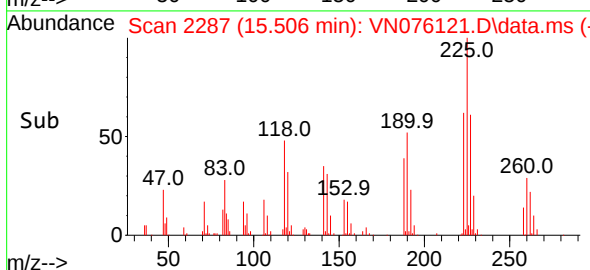
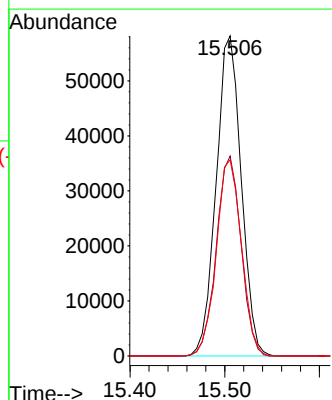
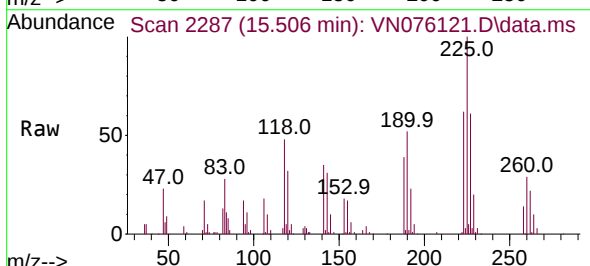
RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076121.D

Acq: 06 Jan 2023 09:51

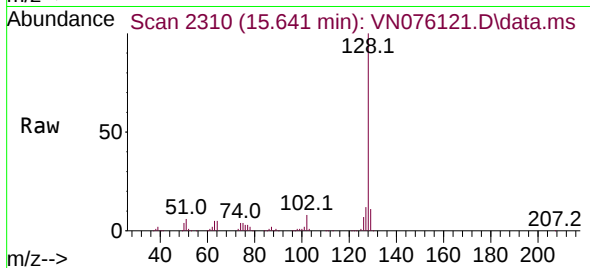
Tgt Ion:	225	Resp:	107152
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.5	94.5
227	61.3	31.6	95.0





#95
Naphthalene
Concen: 40.950 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

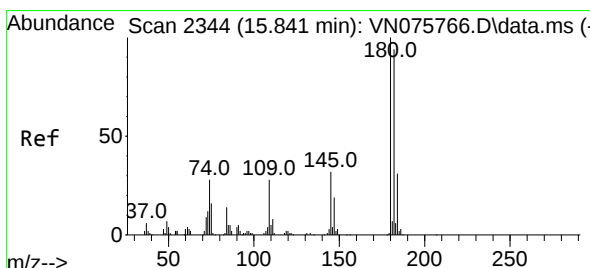
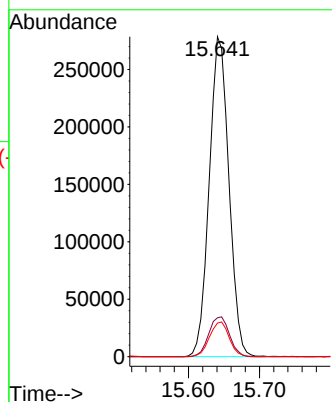
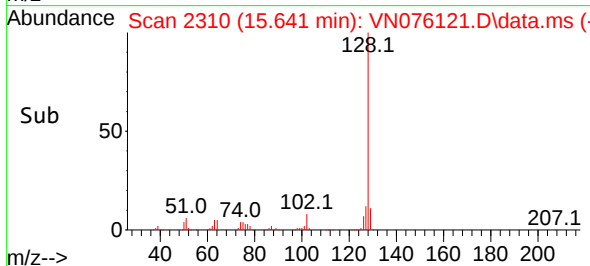
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 535898
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.891 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076121.D
Acq: 06 Jan 2023 09:51

Tgt Ion:180 Resp: 182858
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.0
145 32.6 16.0 47.9

