

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076310.D
 Acq On : 19 Jan 2023 09:47
 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 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:49:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	628865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	562362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213603	48.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.171	113	191137	48.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	10.571	98	715023	49.217	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.853	95	248878	52.476	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	184943	45.966	ug/l	97
3) Chloromethane	2.371	50	182312	43.764	ug/l	98
4) Vinyl Chloride	2.530	62	228511	44.735	ug/l	96
5) Bromomethane	2.948	94	202581	48.429	ug/l	98
6) Chloroethane	3.118	64	176331	46.036	ug/l	99
7) Trichlorofluoromethane	3.506	101	340146	48.402	ug/l	96
8) Diethyl Ether	3.971	74	114781	48.696	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	182627	45.906	ug/l	99
10) Methyl Iodide	4.600	142	291505	47.971	ug/l	99
11) Tert butyl alcohol	5.536	59	131076	222.910	ug/l	99
12) 1,1-Dichloroethene	4.353	96	173881	46.237	ug/l	97
13) Acrolein	4.189	56	154205	219.284	ug/l	99
14) Allyl chloride	5.036	41	202499	46.206	ug/l	98
15) Acrylonitrile	5.736	53	368261	220.077	ug/l	98
16) Acetone	4.442	43	330563	234.555	ug/l	100
17) Carbon Disulfide	4.724	76	399505	42.665	ug/l	99
18) Methyl Acetate	5.036	43	202159	42.327	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	595556	48.645	ug/l	96
20) Methylene Chloride	5.289	84	198087	47.471	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	185869	45.622	ug/l	99
22) Diisopropyl ether	6.683	45	498933	48.276	ug/l	97
23) Vinyl Acetate	6.612	43	1596379	238.998	ug/l	98
24) 1,1-Dichloroethane	6.577	63	319243	46.340	ug/l	97
25) 2-Butanone	7.488	43	476309	221.290	ug/l	98
26) 2,2-Dichloropropane	7.500	77	280077	48.237	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	222299	46.783	ug/l	100
28) Bromochloromethane	7.818	49	136502	48.885	ug/l	98
29) Tetrahydrofuran	7.847	42	299798	225.677	ug/l	100
30) Chloroform	7.971	83	360053	47.234	ug/l	97
31) Cyclohexane	8.265	56	280918	41.597	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	326569	46.924	ug/l	95
36) 1,1-Dichloropropene	8.377	75	259681	46.456	ug/l	99
37) Ethyl Acetate	7.565	43	195163	43.533	ug/l	97
38) Carbon Tetrachloride	8.371	117	290120	46.542	ug/l	100
39) Methylcyclohexane	9.606	83	336271	49.262	ug/l	99
40) Benzene	8.612	78	781620	46.763	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	106858	45.518	ug/l	96
42) 1,2-Dichloroethane	8.677	62	262052	45.823	ug/l	99
43) Isopropyl Acetate	8.694	43	339844	46.593	ug/l	99
44) Trichloroethene	9.353	130	220833	46.713	ug/l	99
45) 1,2-Dichloropropane	9.624	63	188166	47.020	ug/l	98
46) Dibromomethane	9.712	93	141940	46.978	ug/l	100
47) Bromodichloromethane	9.888	83	281458	48.030	ug/l	99
48) Methyl methacrylate	9.682	41	158509	45.904	ug/l	100
49) 1,4-Dioxane	9.700	88	71243	977.790	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	982704	229.508	ug/l	100
52) Toluene	10.629	92	515260	46.098	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	287723	51.505	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	314987	49.011	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	200131	46.842	ug/l	97
56) Ethyl methacrylate	10.876	69	280201	50.799	ug/l	98
57) 1,3-Dichloropropane	11.165	76	323044	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	463632	248.981	ug/l	99
59) 2-Hexanone	11.200	43	717462	231.229	ug/l	99
60) Dibromochloromethane	11.365	129	229610	51.052	ug/l	98
61) 1,2-Dibromoethane	11.471	107	206789	48.489	ug/l	98
64) Tetrachloroethene	11.106	164	232220	45.790	ug/l	98
65) Chlorobenzene	11.894	112	560996	47.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	212360	48.013	ug/l	99
67) Ethyl Benzene	11.965	91	999644	49.134	ug/l	100
68) m/p-Xylenes	12.071	106	809982	99.284	ug/l	98
69) o-Xylene	12.400	106	394766	49.274	ug/l	100
70) Styrene	12.412	104	647773	50.638	ug/l	99
71) Bromoform	12.582	173	161924	50.694	ug/l #	100
73) Isopropylbenzene	12.700	105	1034132	47.897	ug/l	99
74) N-amyl acetate	12.500	43	290810	46.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	270743	43.621	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	247707m	48.694	ug/l	
77) Bromobenzene	12.982	156	247058	48.931	ug/l	97
78) n-propylbenzene	13.041	91	1168814	47.977	ug/l	100
79) 2-Chlorotoluene	13.129	91	685095	45.828	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	875503	48.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	78565	46.837	ug/l	98
82) 4-Chlorotoluene	13.129	91	685095	45.828	ug/l	100
83) tert-Butylbenzene	13.441	119	792583	49.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	877139	48.361	ug/l	100
85) sec-Butylbenzene	13.617	105	1088913	48.780	ug/l	99
86) p-Isopropyltoluene	13.729	119	933707	50.865	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	463238	45.521	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	462264	47.757	ug/l	100
89) n-Butylbenzene	14.059	91	761530	52.260	ug/l	99
90) Hexachloroethane	14.335	117	155289	49.015	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	460310	45.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49244	45.643	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	236731	48.380	ug/l	100
94) Hexachlorobutadiene	15.506	225	124388	46.246	ug/l	98
95) Naphthalene	15.641	128	644839	44.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	219895	47.170	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

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

Manual Integrations APPROVED

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Supervised By :Mahesh Dadoda 01/20/2023

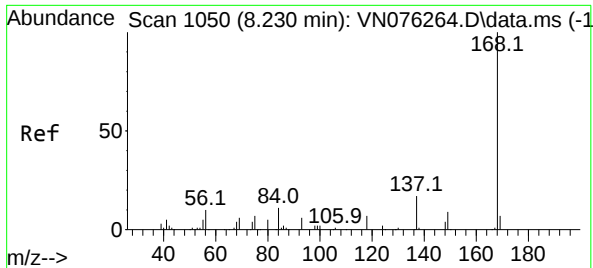
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Abundance

Time-->

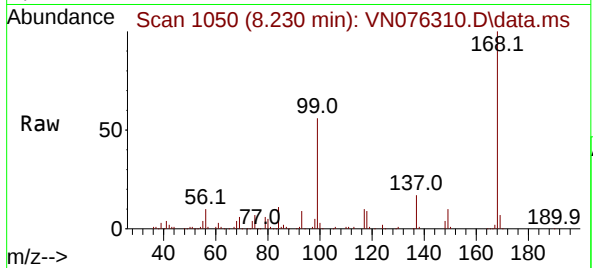
Peak Labels:

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- Acetone, T
- 1,1-Dichloroethane, T
- Methylene Chloride, T
- Carbon Disulfide, T
- Methyl acetate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- 1,1-Dichloroethane, P
- Vinyl Acetate, T
- Ethyl Acetate, T
- Methylchloroform, T
- Chloroform, C
- Cyrene, T
- 1,2-Dichloroethane, S
- 1,2-Dichloroethane, TM
- Isopropyl Alcohol, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,4-Dichlorobenzene, T
- Bromochloromethane, T
- cis-1,3-Dichloropropene, T
- 2-Chloroethyl Vinyl ether, T
- 4-Methyl-2-Pentanone, T
- Toluene, CM
- t-Butylacetate, T
- 1,1,2-Trichloroethane, T
- 1,2-Dichloropropane, T
- Bromochloromethane, T
- 1,2-Dibromoethane, I
- Chlorobenzene, PM
- Ethyl Benzene, T
- n-Propylbenzene, T
- N-amyl acetate, T
- Bromochloroform, P
- trans-1,4-Dichloro-2-butene, T
- 1,1,2-Tetrachloroethane, T
- 1,1,2,2-Tetrachloroethane, T
- 1,2-Dichlorobenzene, T
- sec-Butylbenzene, T
- tert-Butylbenzene, T
- 1,3,5-Trimethylbenzene, T
- Isopropylbenzene, T
- 1,4-Dichlorobenzene-d4, I
- 1,4-Dichlorobenzene-d4, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorocyclopentadiene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T



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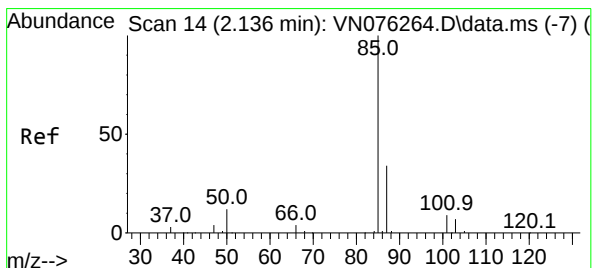
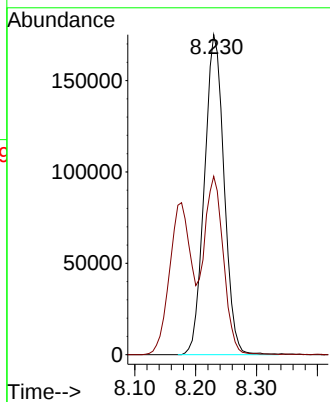
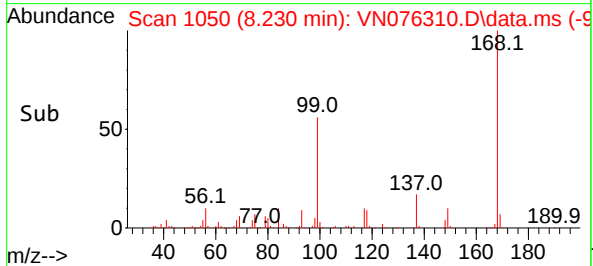
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 392630
Ion Ratio Lower Upper
168 100
99 55.7 41.6 62.4

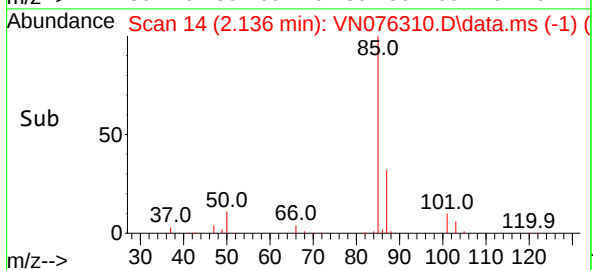
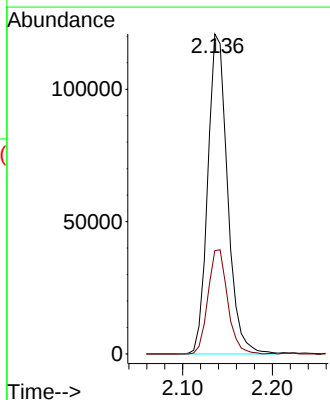
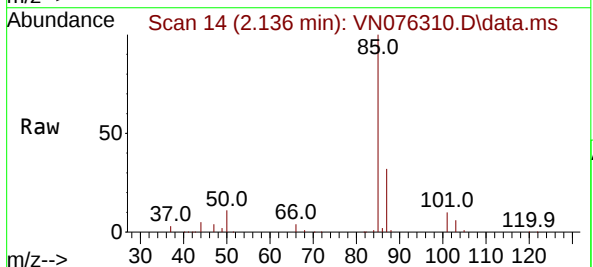
Manual Integrations
APPROVED

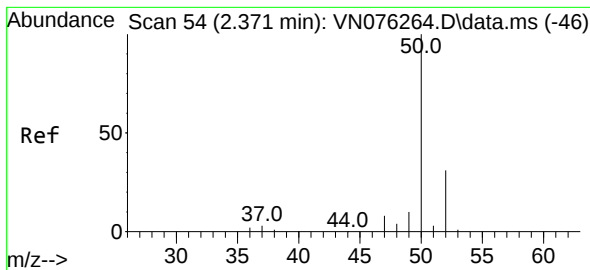
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 45.966 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 85 Resp: 184943
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.2





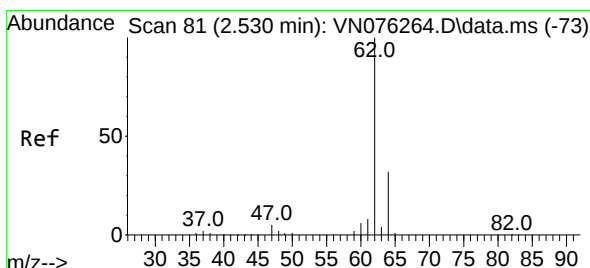
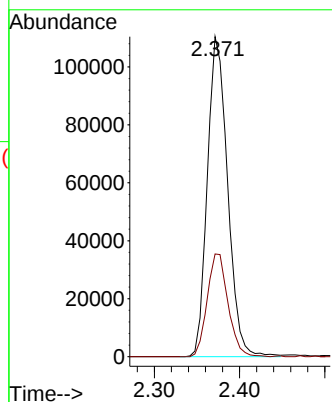
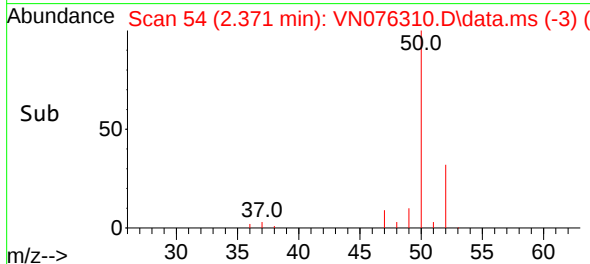
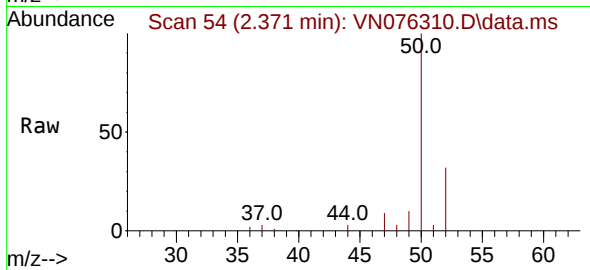
#3
Chloromethane
Concen: 43.764 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 18231
Ion Ratio Lower Upper
50 100
52 32.1 24.8 37.2

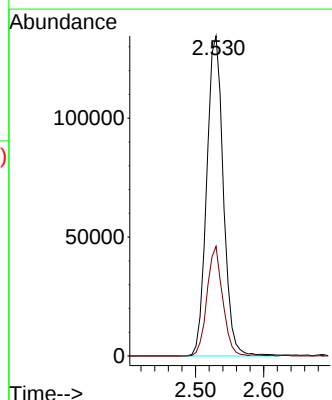
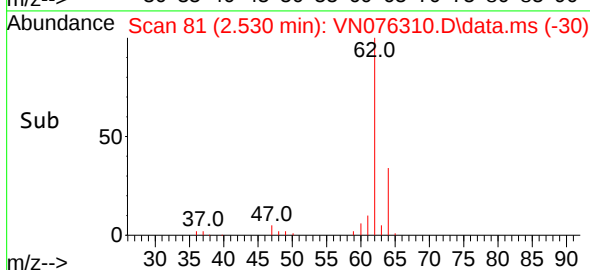
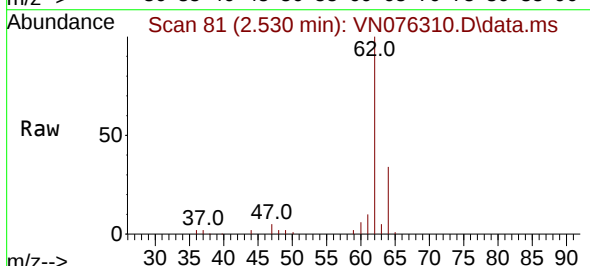
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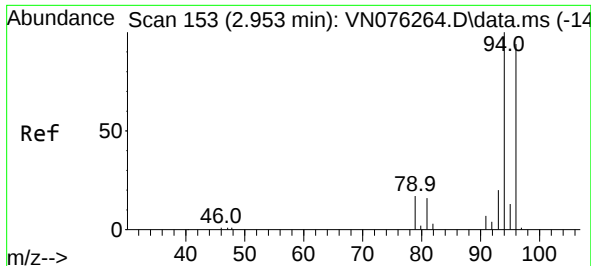
Reviewed By :John Carlone 01/20/2023
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#4
Vinyl Chloride
Concen: 44.735 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

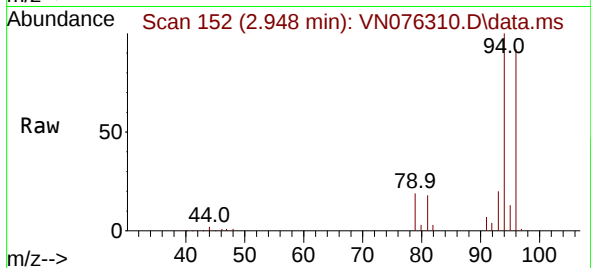
Tgt Ion: 62 Resp: 228511
Ion Ratio Lower Upper
62 100
64 34.3 25.8 38.6





#5
Bromomethane
Concen: 48.429 ug/l
RT: 2.948 min Scan# 152
Delta R.T. -0.005 min
Lab File: VN076310.D
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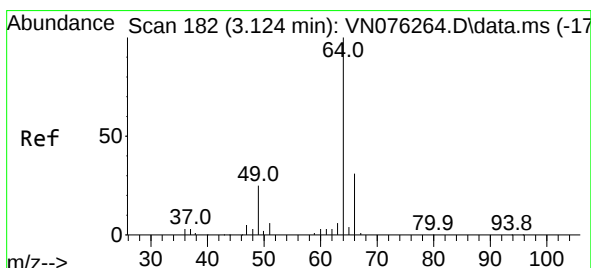
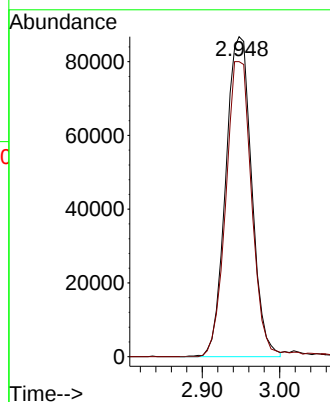
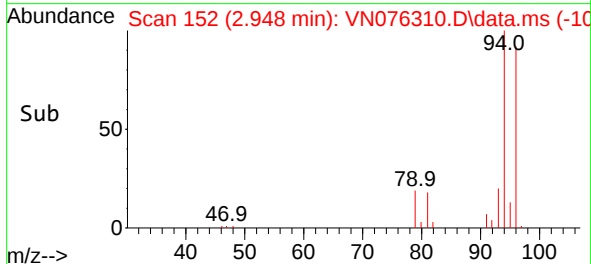
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 20258
Ion Ratio Lower Upper
94 100
96 92.2 75.1 112.7

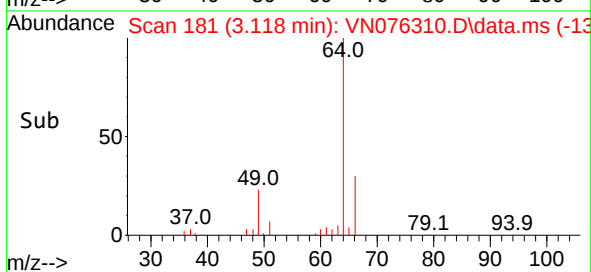
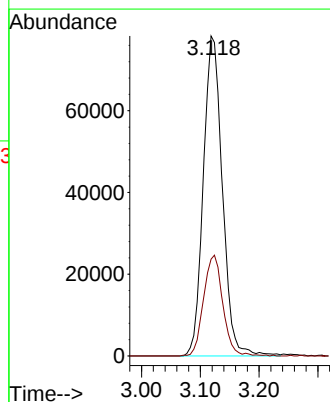
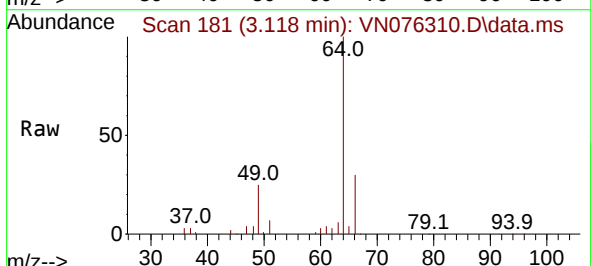
Manual Integrations
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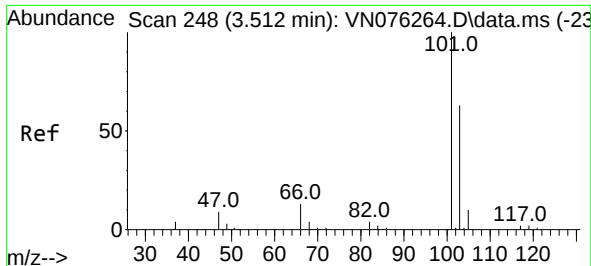
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#6
Chloroethane
Concen: 46.036 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 64 Resp: 176331
Ion Ratio Lower Upper
64 100
66 30.3 24.8 37.2





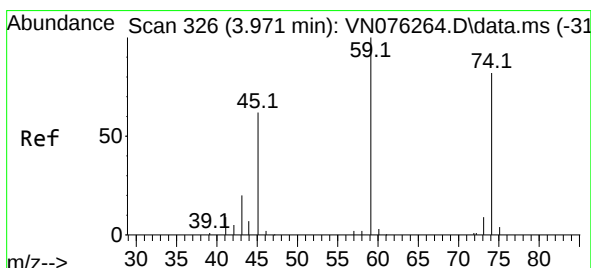
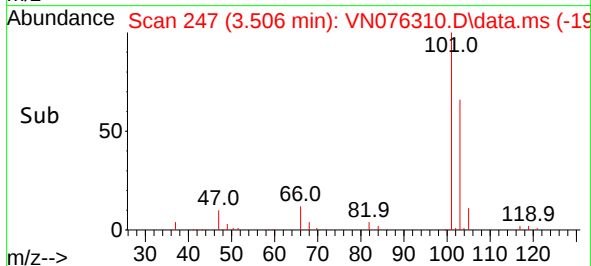
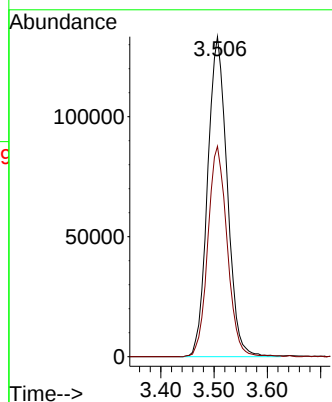
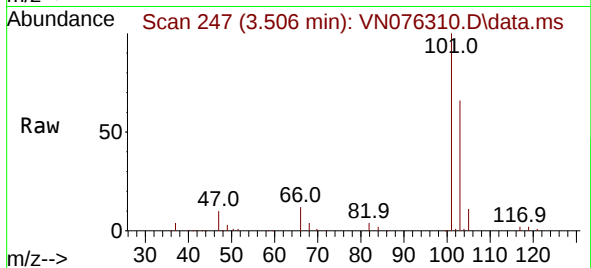
#7
Trichlorofluoromethane
Concen: 48.402 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 340140
Ion Ratio Lower Upper
101 100
103 65.8 50.2 75.4

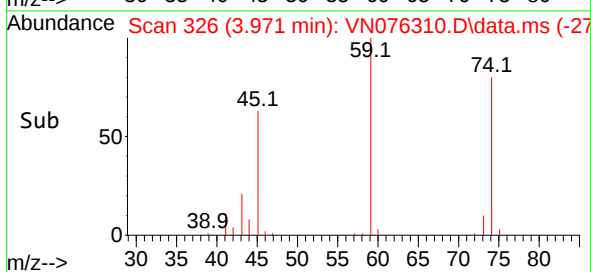
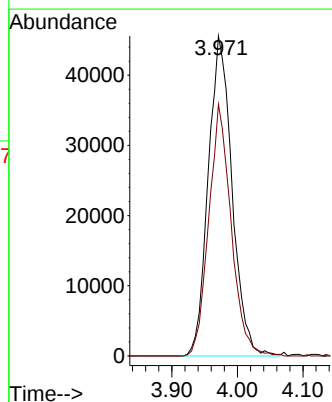
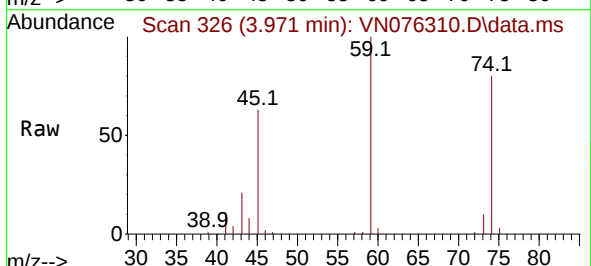
Manual Integrations
APPROVED

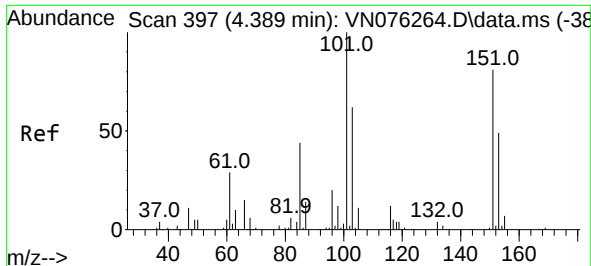
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#8
Diethyl Ether
Concen: 48.696 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 74 Resp: 114781
Ion Ratio Lower Upper
74 100
45 74.1 37.8 113.3





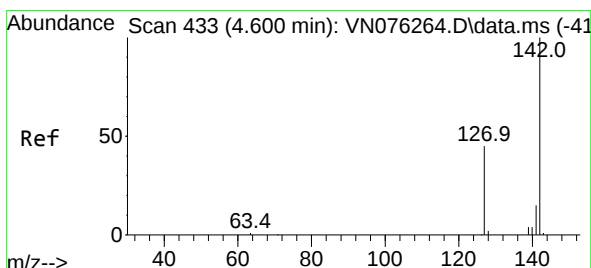
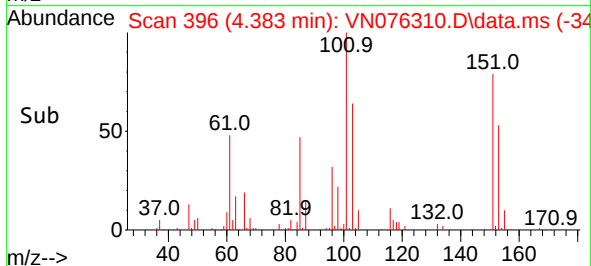
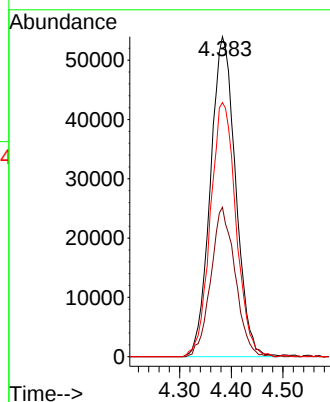
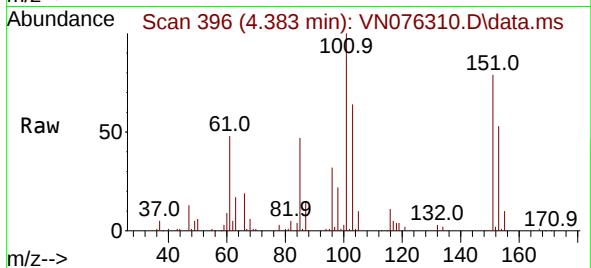
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.906 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 18262
Ion Ratio Lower Upper
101 100
85 45.1 35.5 53.3
151 80.6 65.5 98.3

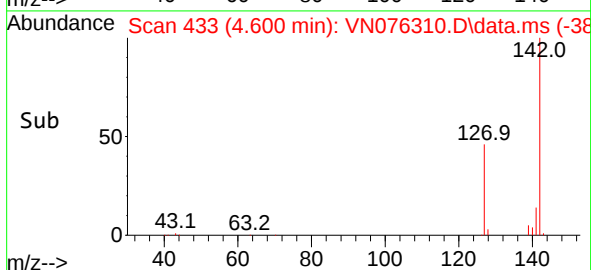
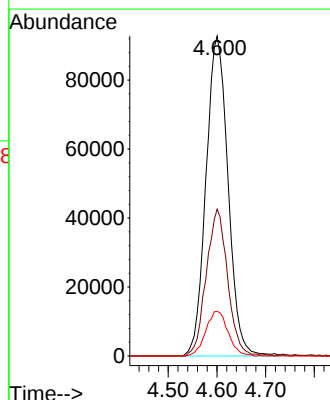
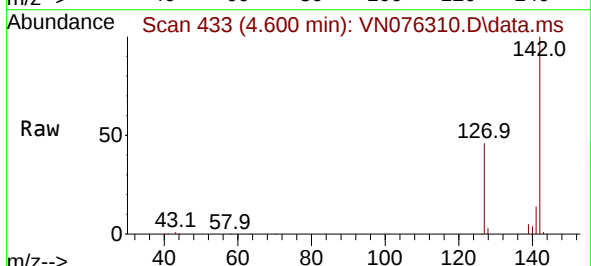
Manual Integrations
APPROVED

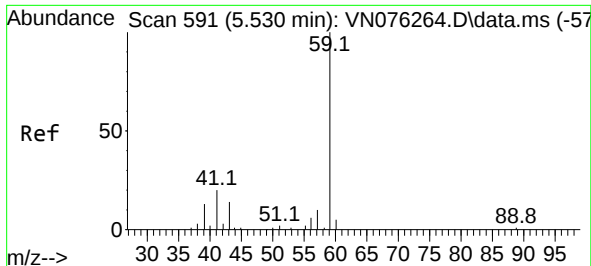
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 47.971 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

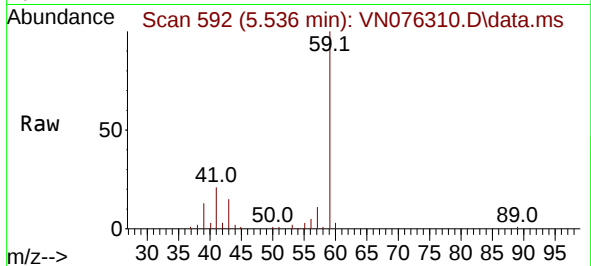
Tgt Ion:142 Resp: 291505
Ion Ratio Lower Upper
142 100
127 44.4 35.0 52.4
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 222.910 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

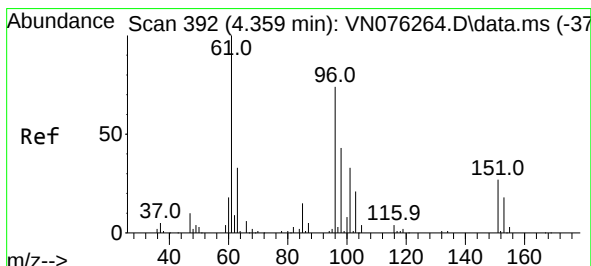
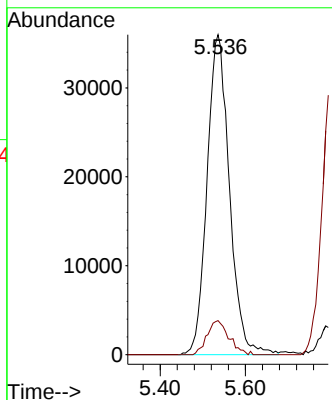
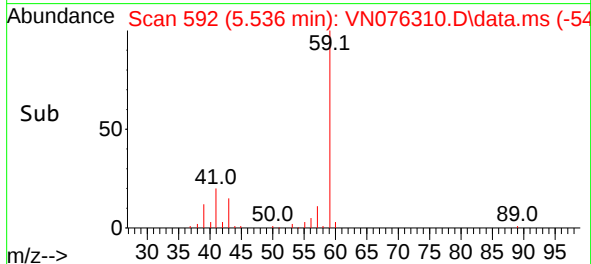
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 131070
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

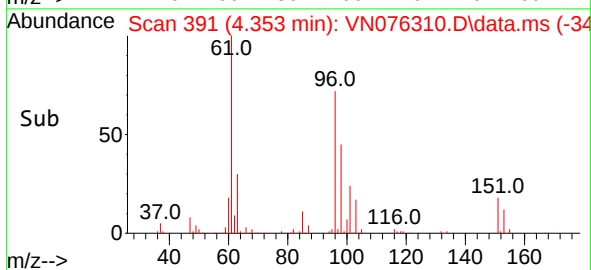
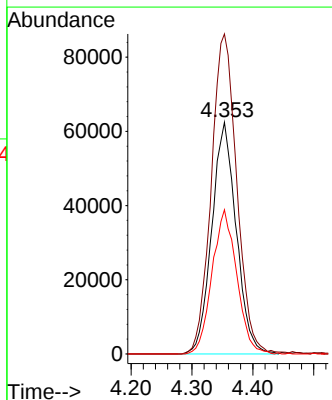
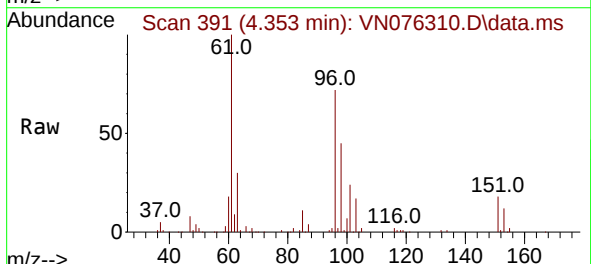
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#12
1,1-Dichloroethene
Concen: 46.237 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

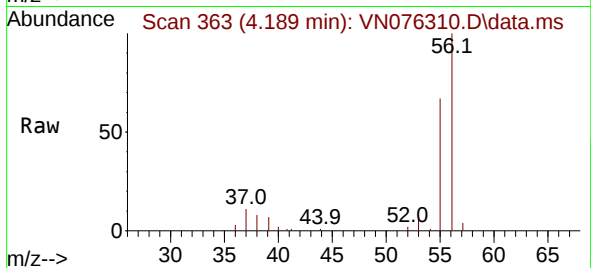
Tgt Ion: 96 Resp: 173881
Ion Ratio Lower Upper
96 100
61 138.1 108.2 162.4
98 62.2 47.0 70.6





#13
Acrolein
Concen: 219.284 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

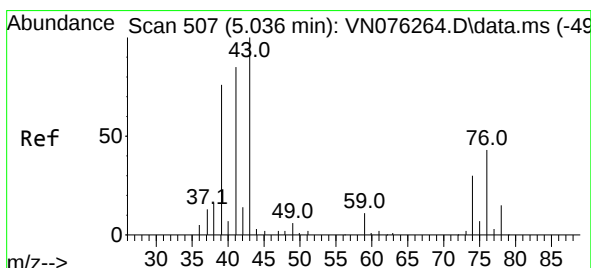
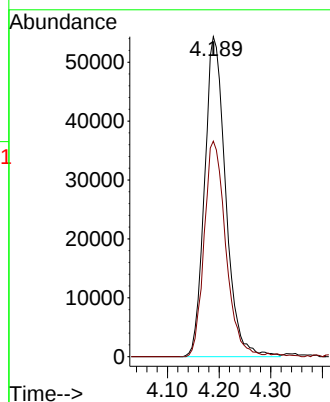
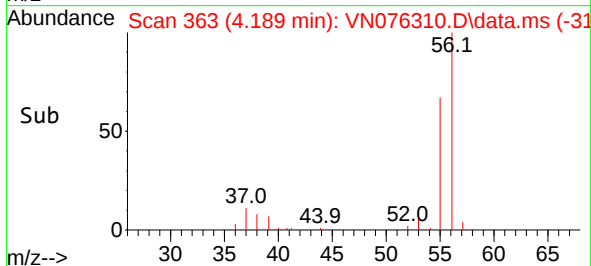
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



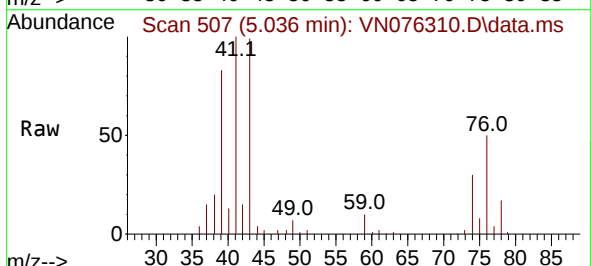
Tgt Ion: 56 Resp: 15420
Ion Ratio Lower Upper
56 100
55 68.7 55.8 83.6

Manual Integrations
APPROVED

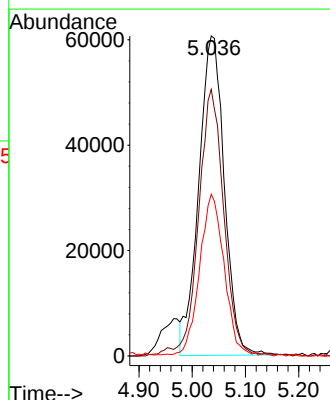
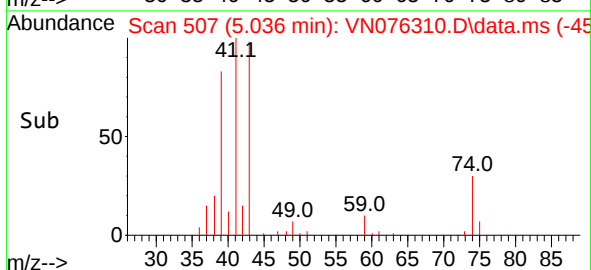
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

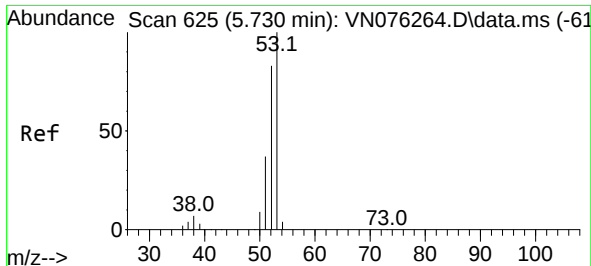


#14
Allyl chloride
Concen: 46.206 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



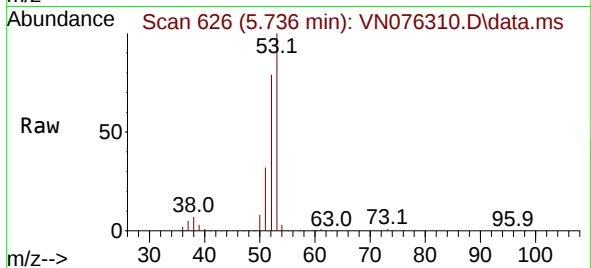
Tgt Ion: 41 Resp: 202499
Ion Ratio Lower Upper
41 100
39 82.3 67.4 101.0
76 47.9 39.8 59.8





#15
Acrylonitrile
Concen: 220.077 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

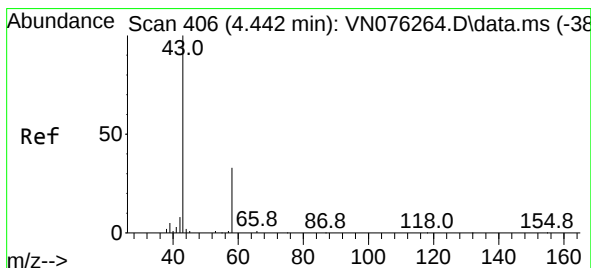
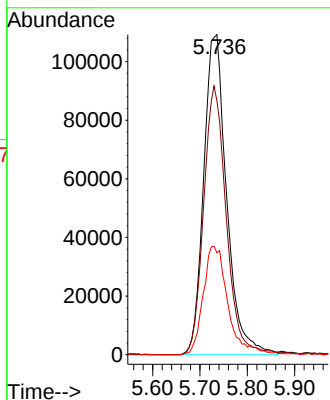
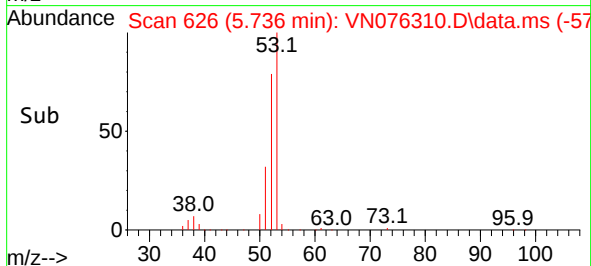
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



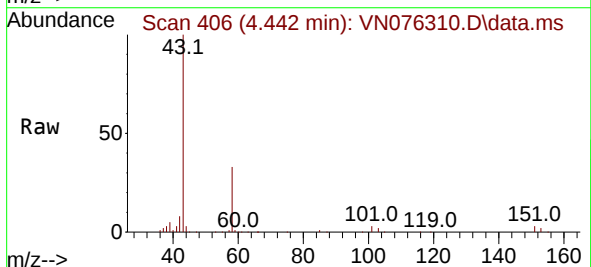
Tgt Ion: 53 Resp: 36826
Ion Ratio Lower Upper
53 100
52 83.1 64.7 97.1
51 36.3 29.2 43.8

Manual Integrations
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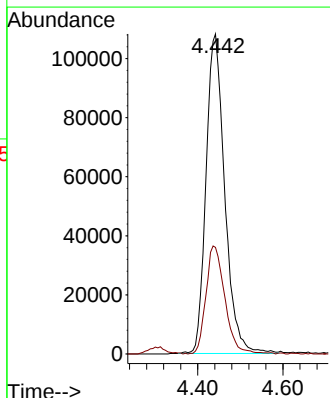
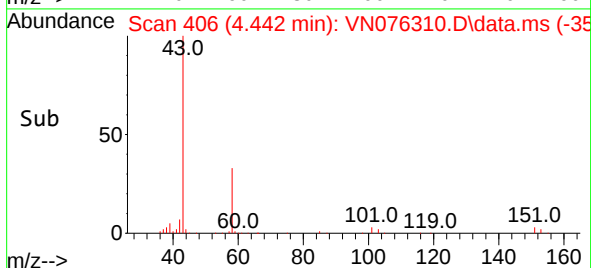
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

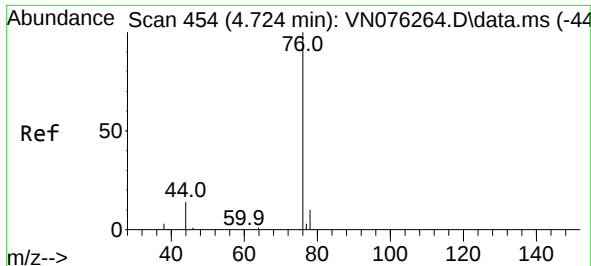


#16
Acetone
Concen: 234.555 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



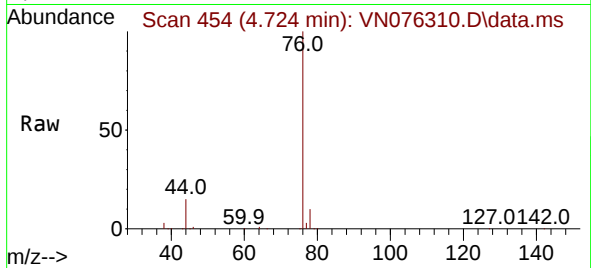
Tgt Ion: 43 Resp: 330563
Ion Ratio Lower Upper
43 100
58 33.1 26.7 40.1





#17
Carbon Disulfide
Concen: 42.665 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

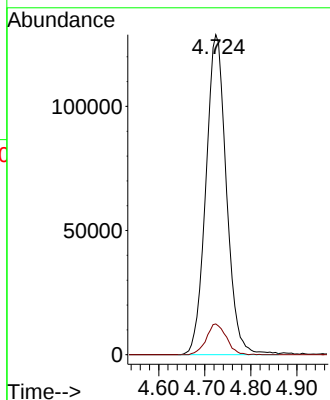
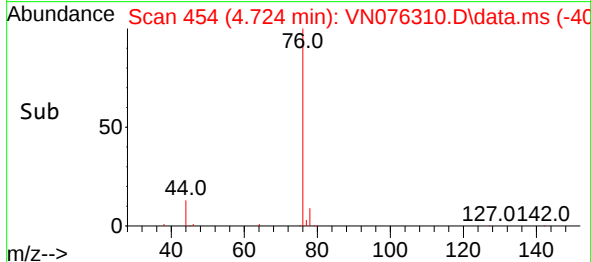
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



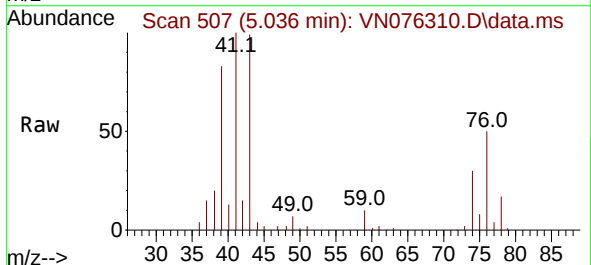
Tgt Ion: 76 Resp: 39950
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0

Manual Integrations
APPROVED

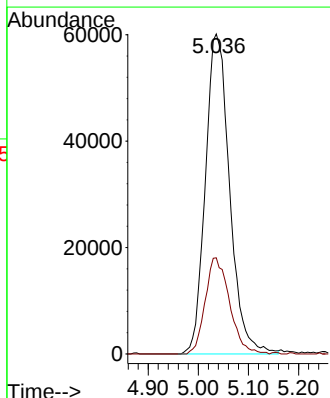
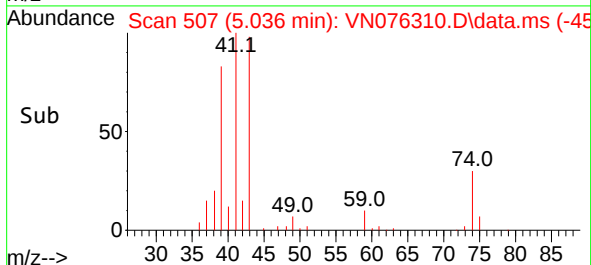
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

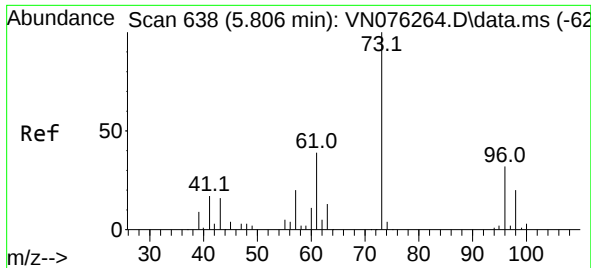


#18
Methyl Acetate
Concen: 42.327 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



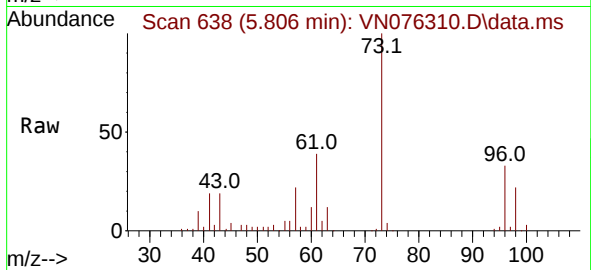
Tgt Ion: 43 Resp: 202159
Ion Ratio Lower Upper
43 100
74 30.1 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 48.645 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

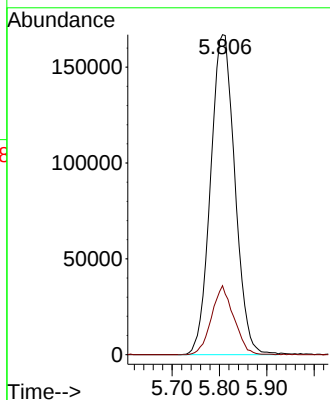
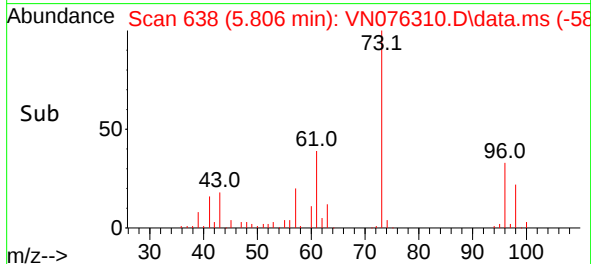
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 59555
Ion Ratio Lower Upper
73 100
57 21.5 15.9 23.9

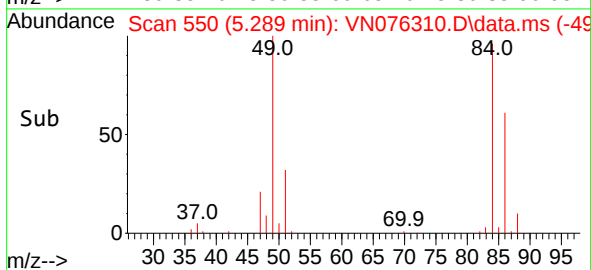
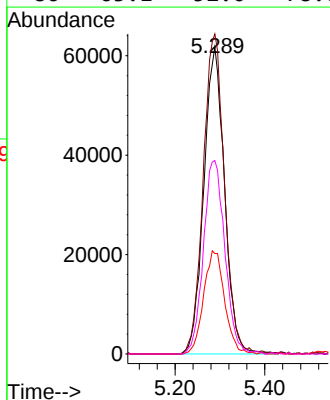
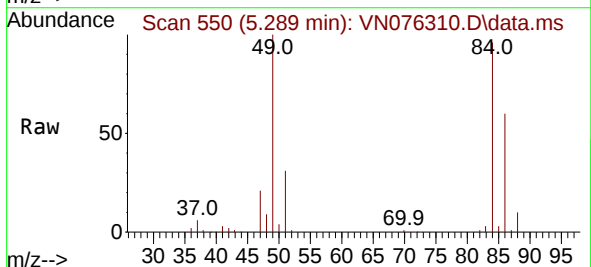
Manual Integrations
APPROVED

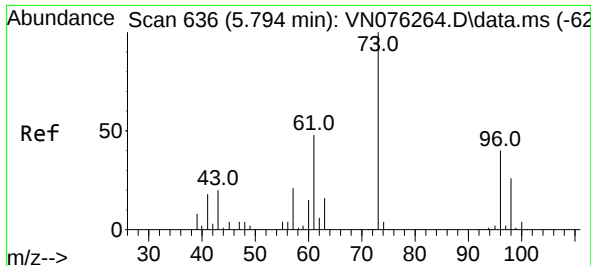
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#20
Methylene Chloride
Concen: 47.471 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

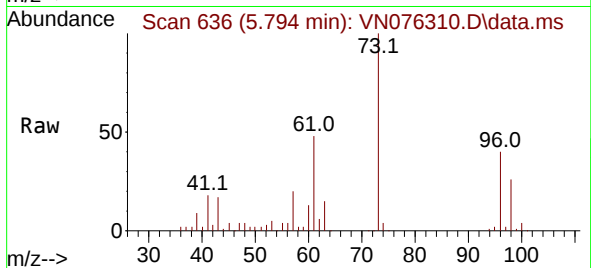
Tgt Ion: 84 Resp: 198087
Ion Ratio Lower Upper
84 100
49 104.3 84.5 126.7
51 32.8 26.0 39.0
86 63.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 45.622 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

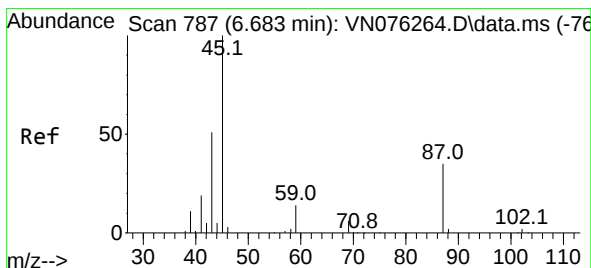
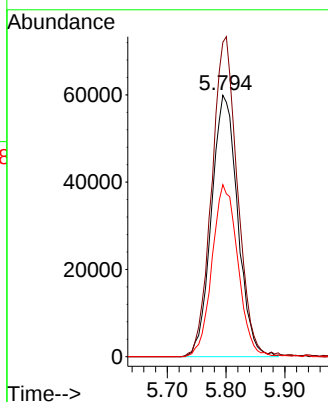
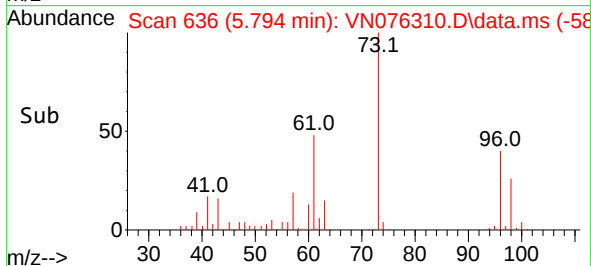
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 185869
Ion Ratio Lower Upper
96 100
61 120.3 97.0 145.4
98 65.8 51.9 77.9

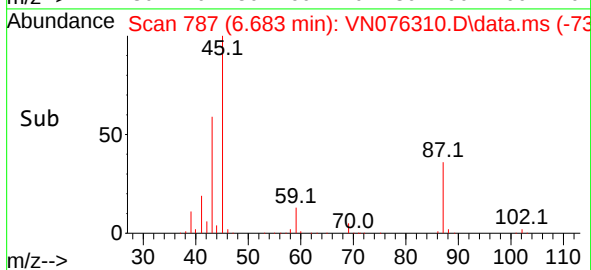
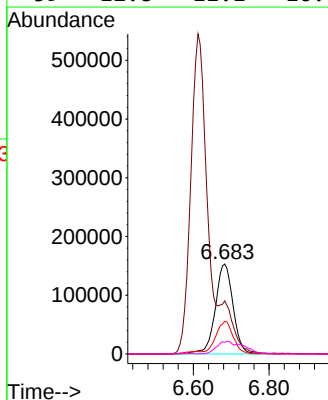
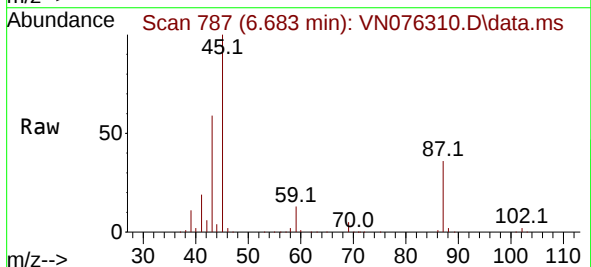
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#22
Diisopropyl ether
Concen: 48.276 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 45 Resp: 498933
Ion Ratio Lower Upper
45 100
43 58.2 44.4 66.6
87 36.3 28.4 42.6
59 12.8 11.1 16.7





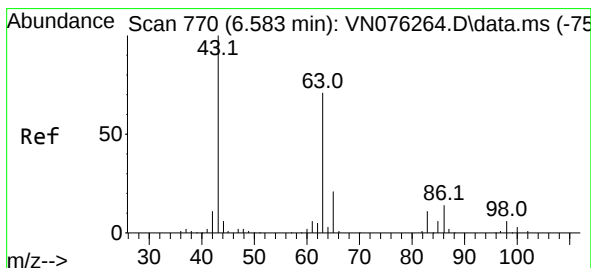
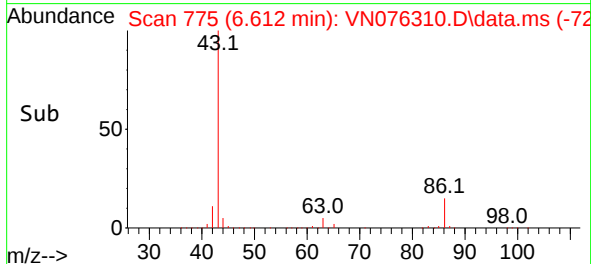
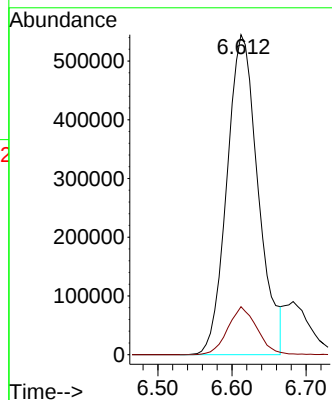
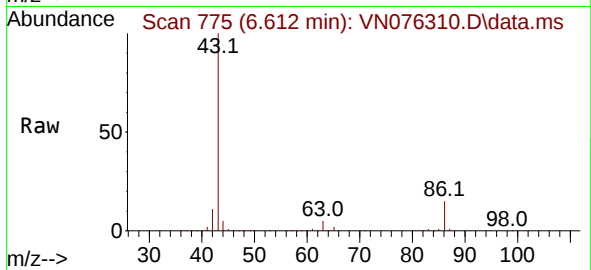
#23
 Vinyl Acetate
 Concen: 238.998 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1596379
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.2 16.8

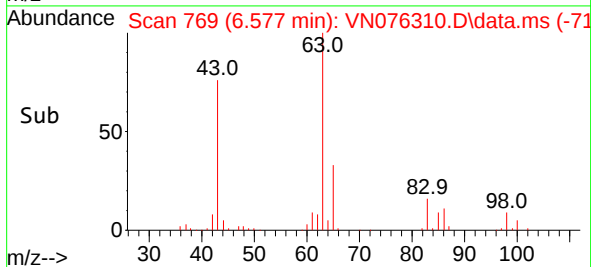
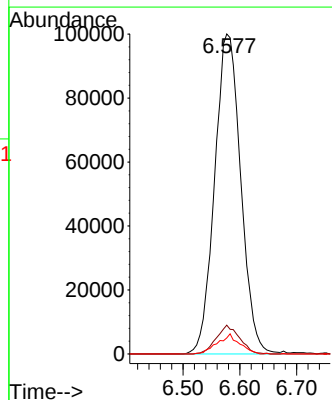
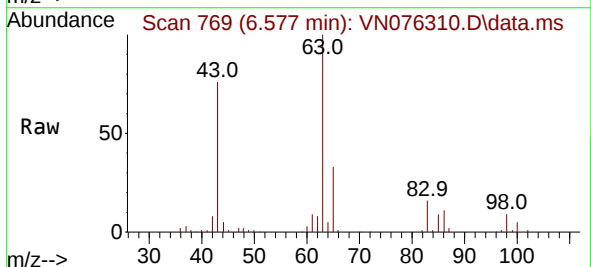
Manual Integrations
 APPROVED

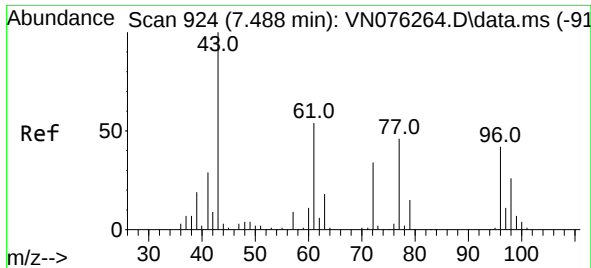
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#24
 1,1-Dichloroethane
 Concen: 46.340 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

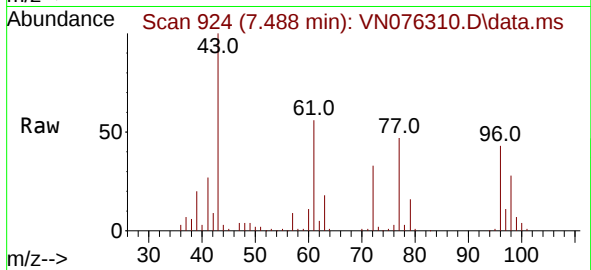
Tgt Ion: 63 Resp: 319243
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 5.0 2.2 6.6





#25
2-Butanone
Concen: 221.290 ug/l
RT: 7.488 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

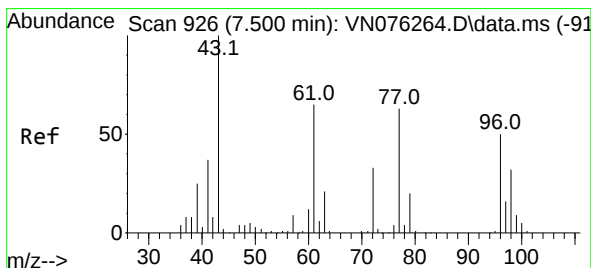
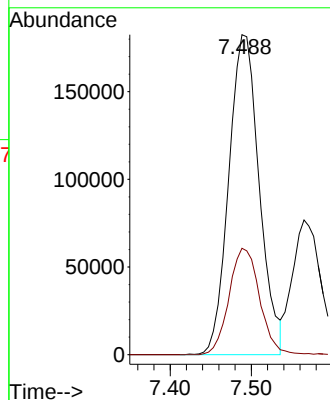
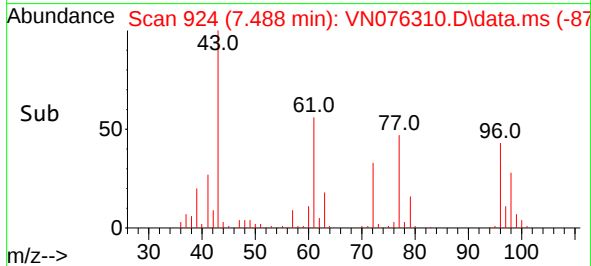
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



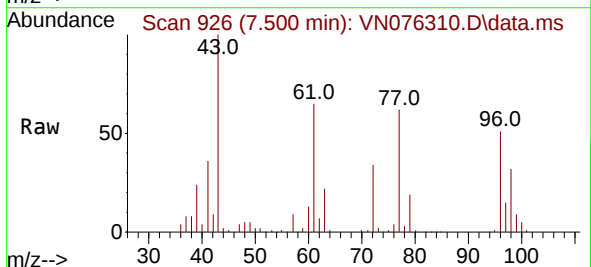
Tgt Ion: 43 Resp: 476309
Ion Ratio Lower Upper
43 100
72 33.2 27.4 41.2

Manual Integrations
APPROVED

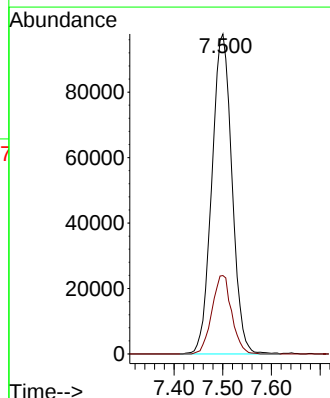
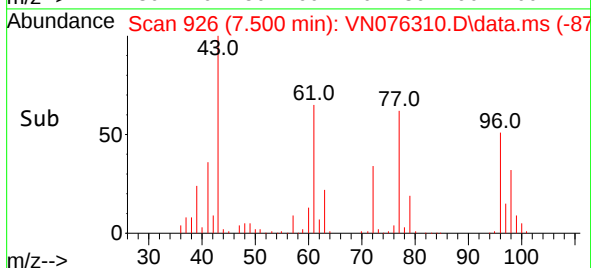
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

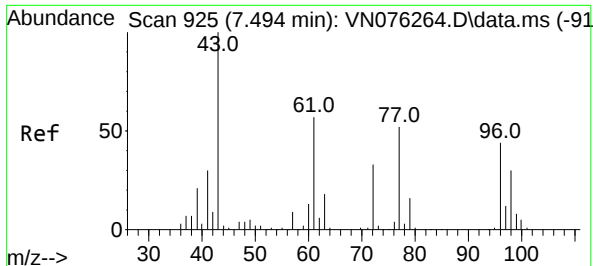


#26
2,2-Dichloropropane
Concen: 48.237 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



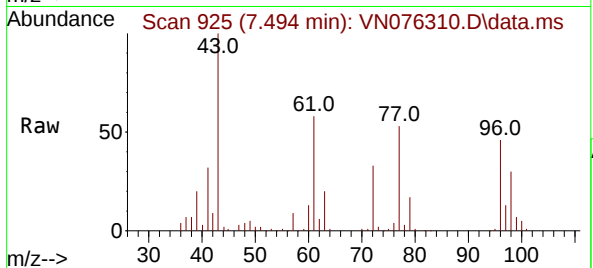
Tgt Ion: 77 Resp: 280077
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 46.783 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

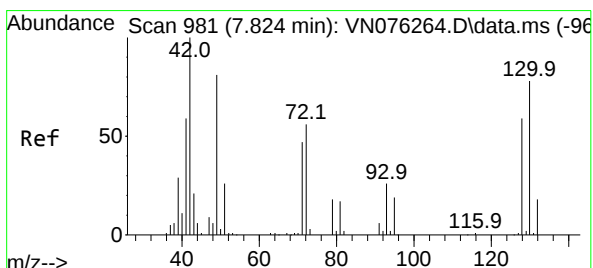
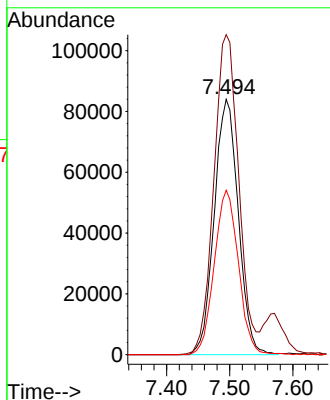
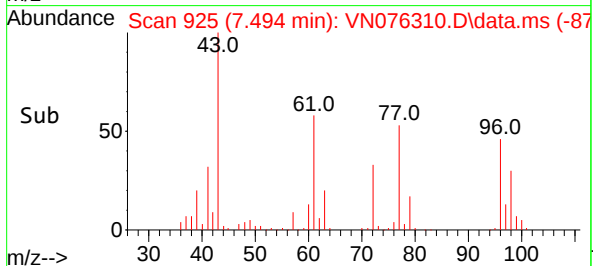
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 222295
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 259.6
 98 64.7 0.0 129.4

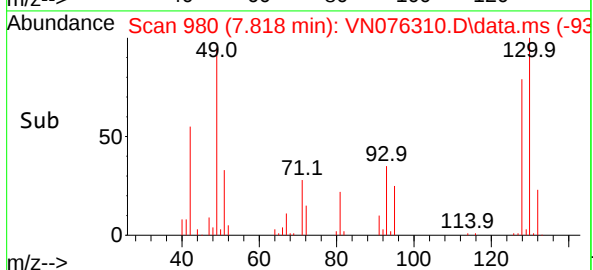
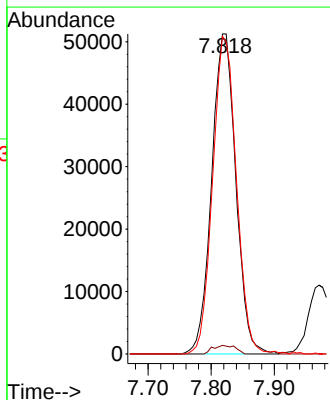
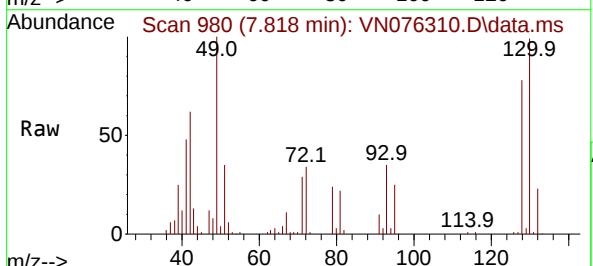
Manual Integrations
 APPROVED

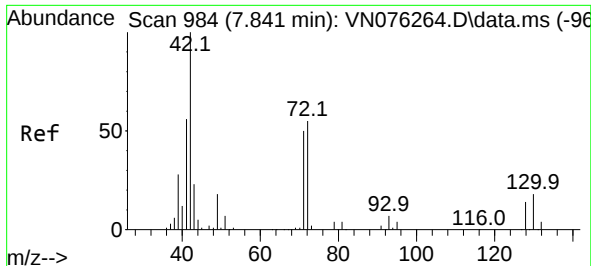
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#28
 Bromochloromethane
 Concen: 48.885 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

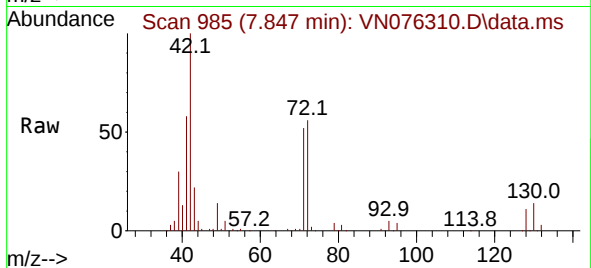
Tgt Ion: 49 Resp: 136502
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 97.5 76.0 114.0





#29
Tetrahydrofuran
Concen: 225.677 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

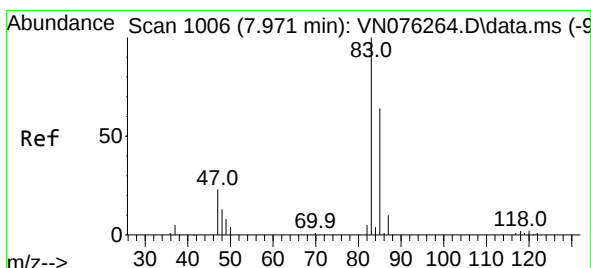
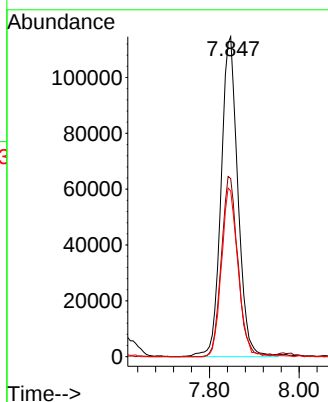
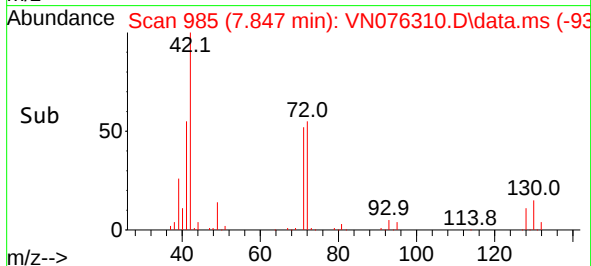
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



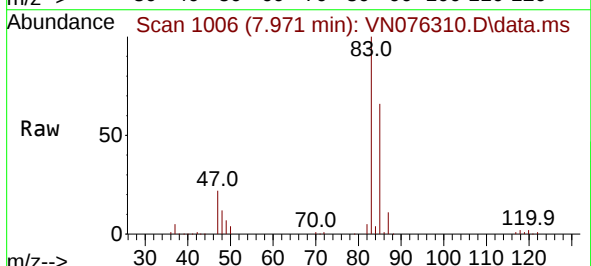
Tgt Ion: 42 Resp: 299798
Ion Ratio Lower Upper
42 100
72 55.3 44.0 66.0
71 51.7 41.1 61.7

Manual Integrations
APPROVED

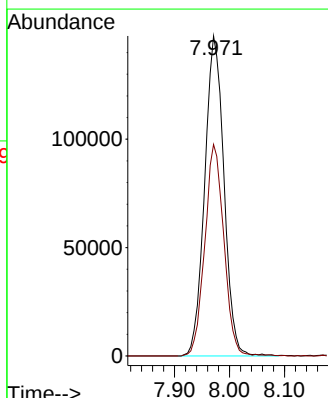
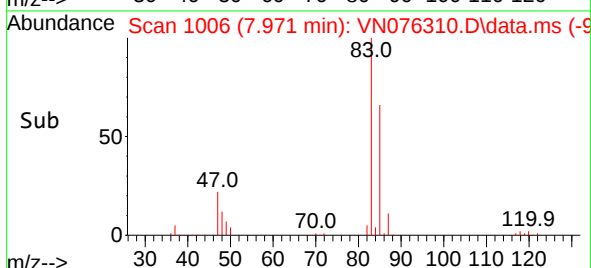
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

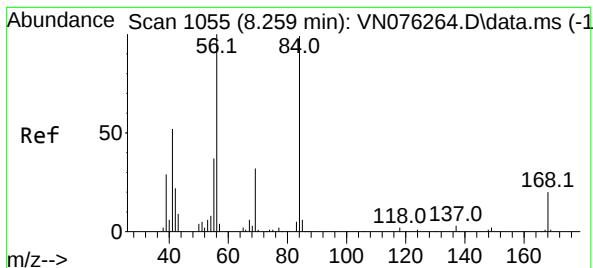


#30
Chloroform
Concen: 47.234 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



Tgt Ion: 83 Resp: 360053
Ion Ratio Lower Upper
83 100
85 66.1 51.0 76.6





#31

Cyclohexane

Concen: 41.597 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 280918

Ion Ratio Lower Upper

56 100

69 34.7 25.8 38.8

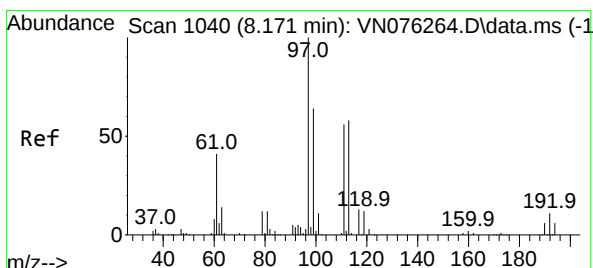
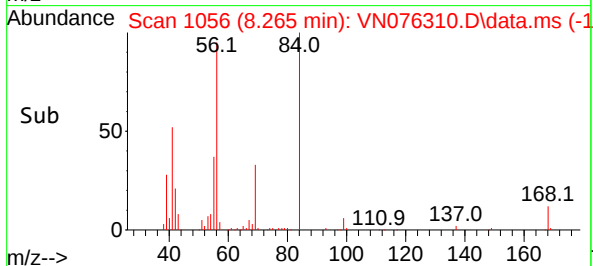
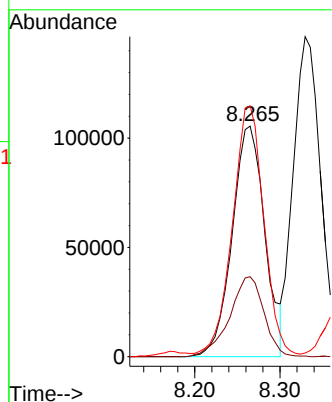
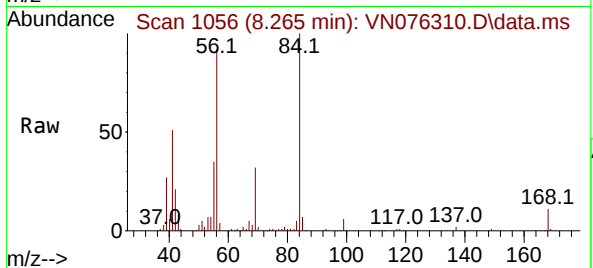
84 107.3 79.0 118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#32

1,1,1-Trichloroethane

Concen: 46.924 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

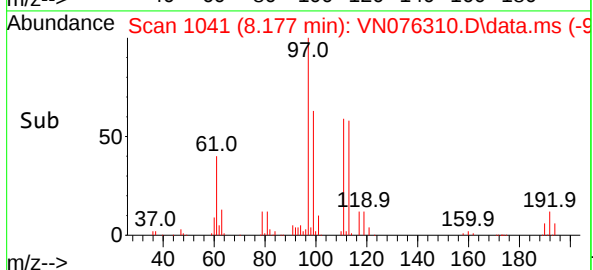
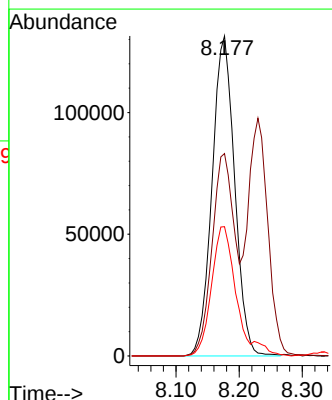
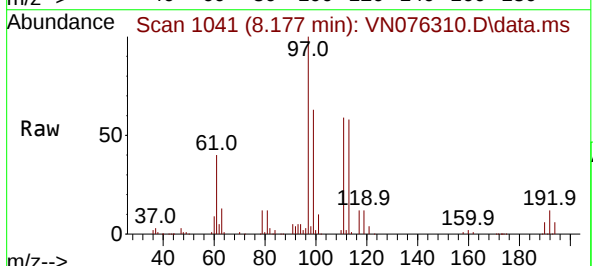
Tgt Ion: 97 Resp: 326569

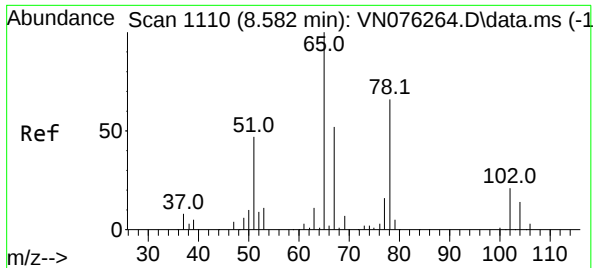
Ion Ratio Lower Upper

97 100

99 62.6 55.0 82.4

61 44.5 36.2 54.4





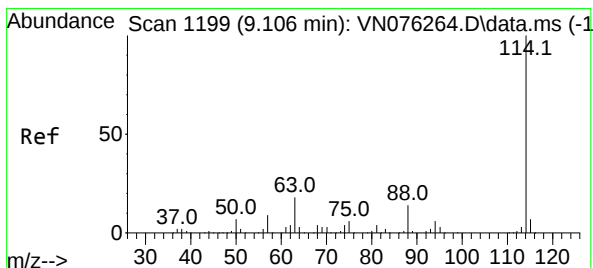
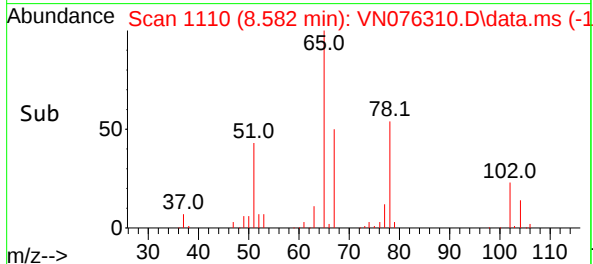
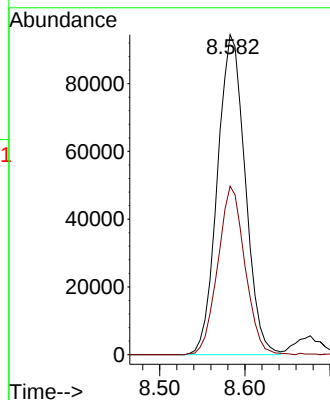
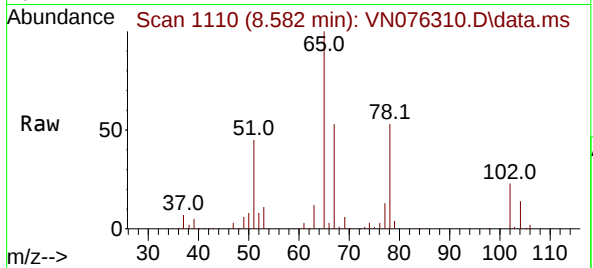
#33
1,2-Dichloroethane-d4
Concen: 48.588 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 21360
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6

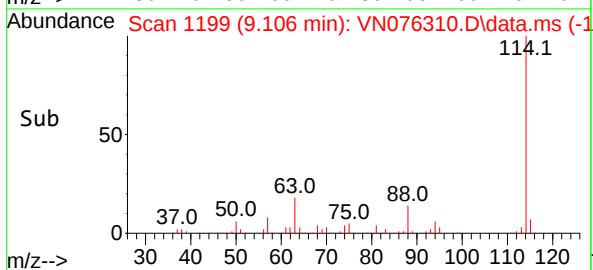
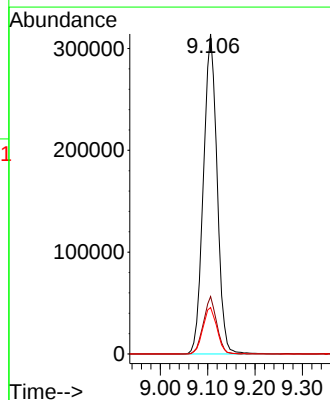
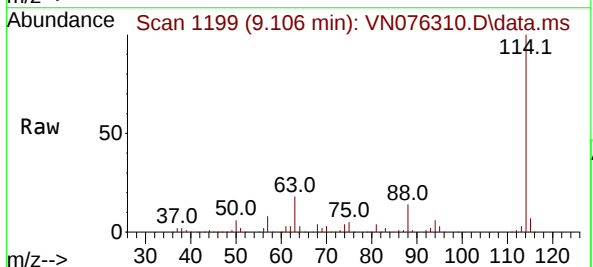
Manual Integrations
APPROVED

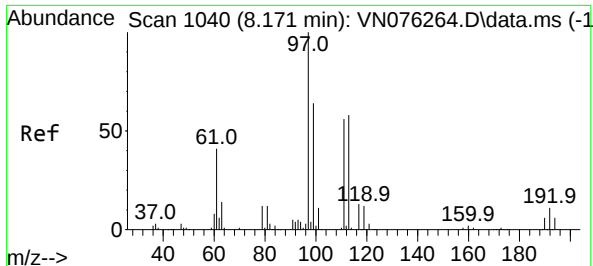
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:114 Resp: 628865
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.8
88 14.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.588 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076310.D

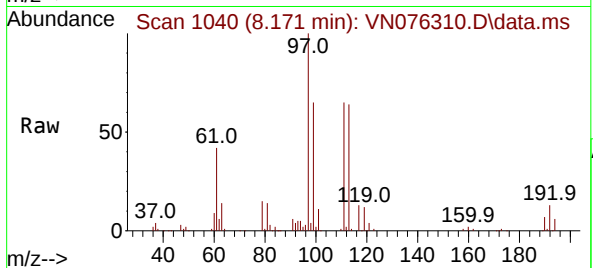
Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



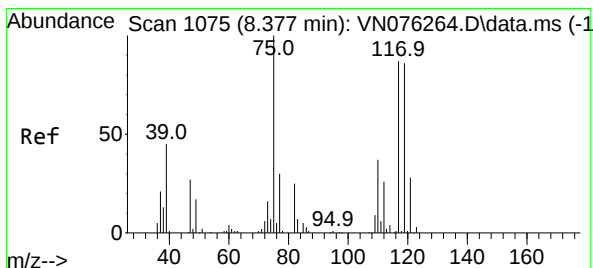
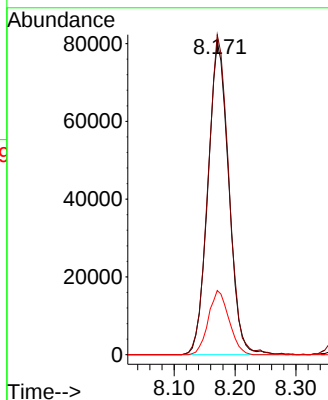
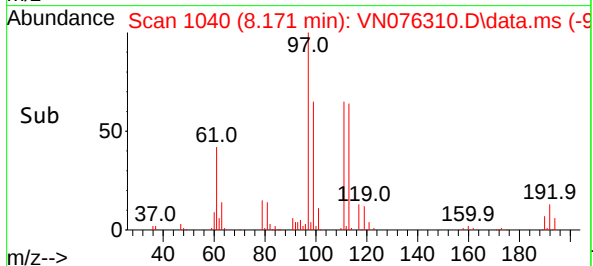
Tgt Ion:	113	Resp:	19113
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.7	124.1
192	20.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#36

1,1-Dichloropropene

Concen: 46.456 ug/l

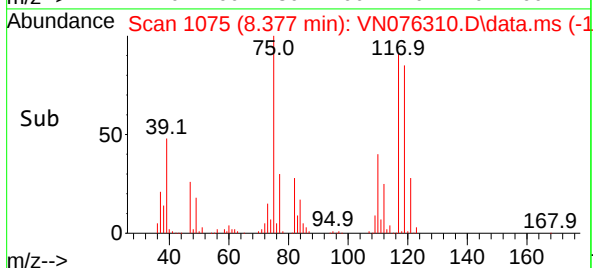
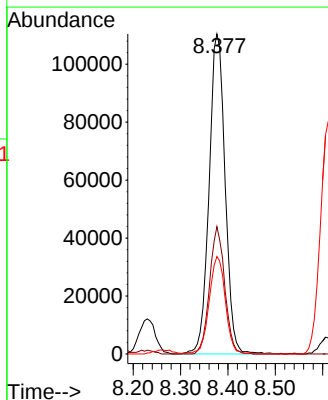
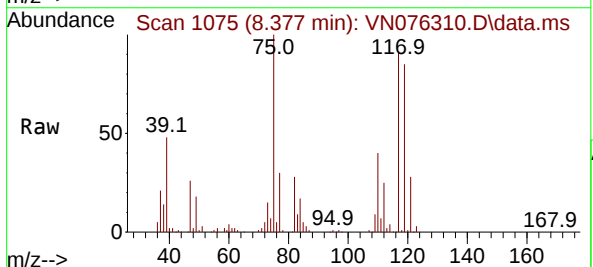
RT: 8.377 min Scan# 1075

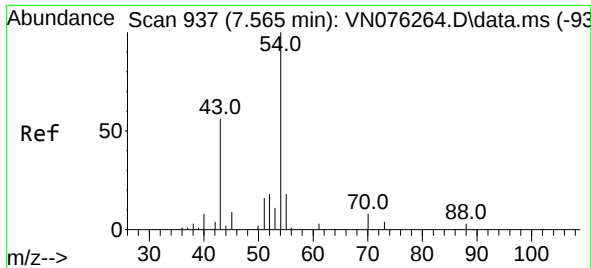
Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Tgt Ion:	75	Resp:	259681
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.8	56.3
77	30.6	25.0	37.4





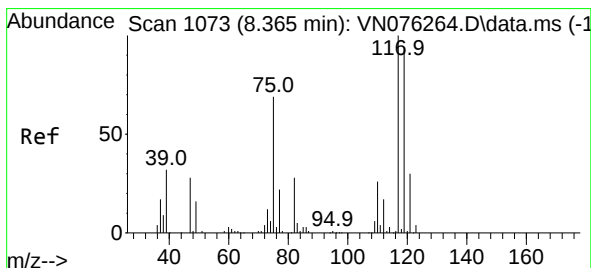
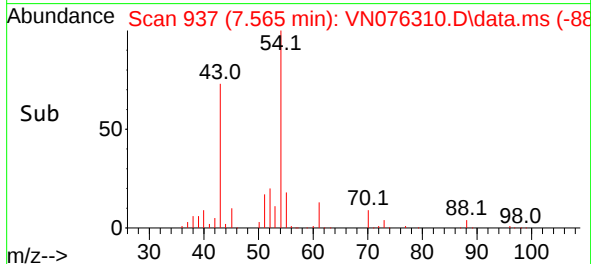
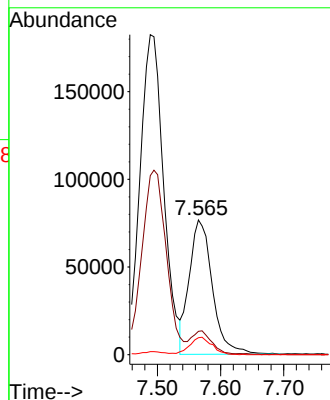
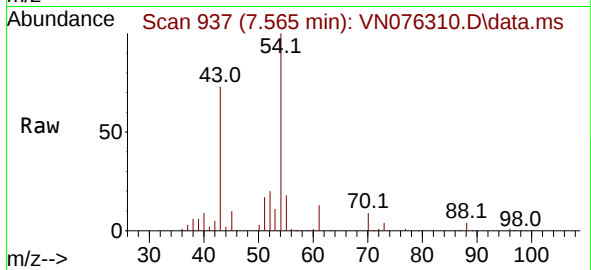
#37
Ethyl Acetate
Concen: 43.533 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19516
Ion Ratio Lower Upper
43 100
61 15.8 11.1 16.7
70 12.4 10.0 15.0

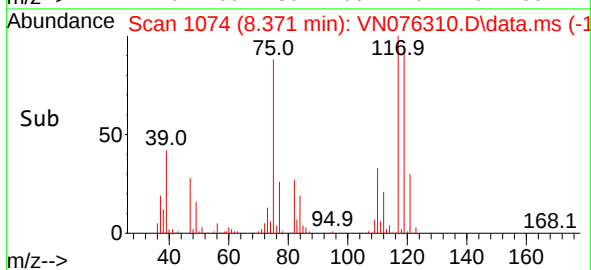
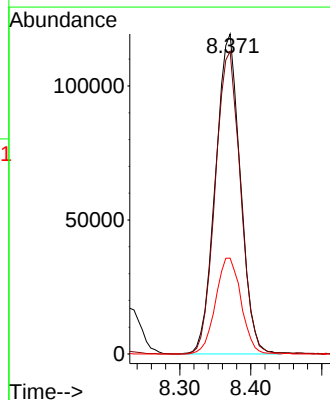
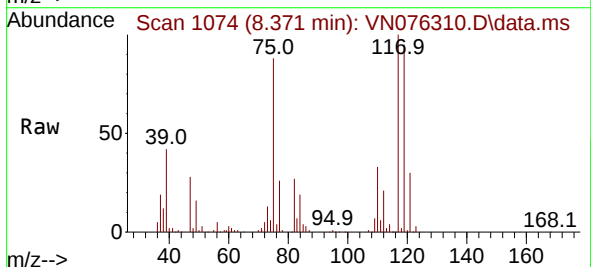
Manual Integrations
APPROVED

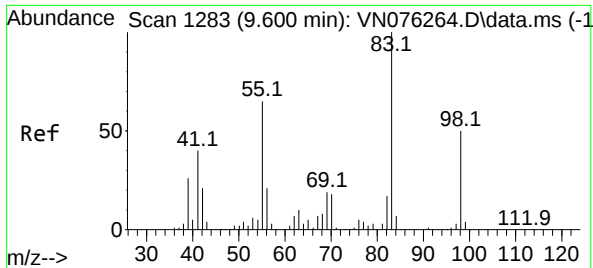
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#38
Carbon Tetrachloride
Concen: 46.542 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:117 Resp: 290120
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.0
121 29.9 24.2 36.2





#39
Methylcyclohexane
Concen: 49.262 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

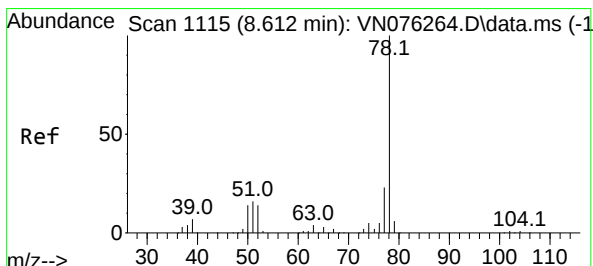
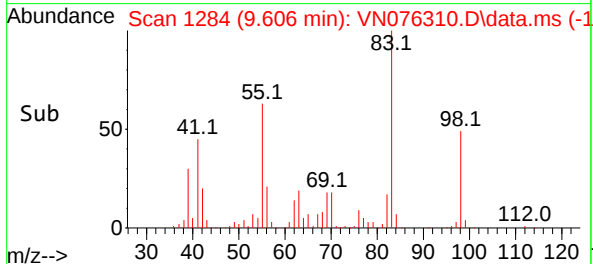
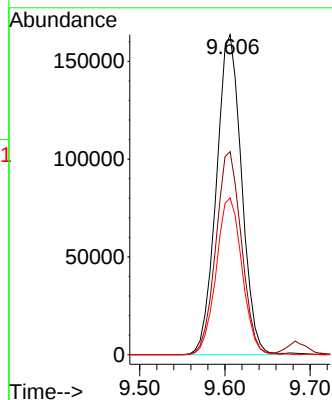
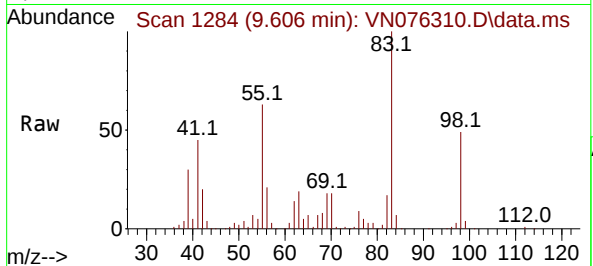
VSTDCCC050

Tgt Ion: 83 Resp: 33627
Ion Ratio Lower Upper
83 100
55 63.5 51.7 77.5
98 49.0 40.0 60.0

Manual Integrations

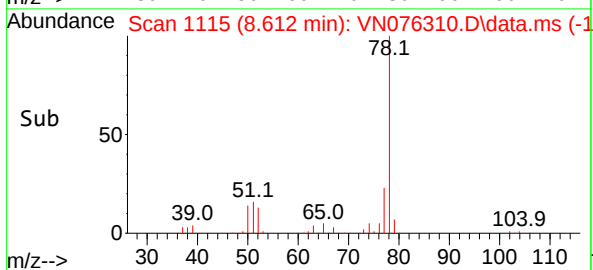
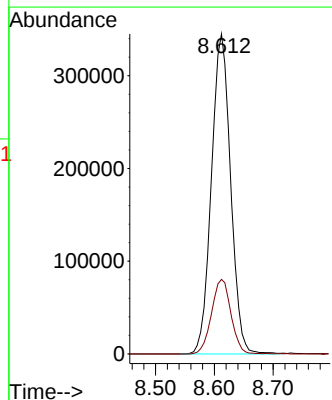
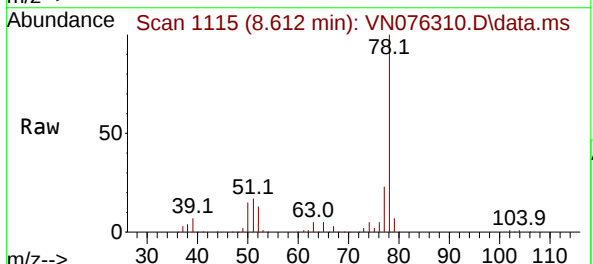
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#40
Benzene
Concen: 46.763 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

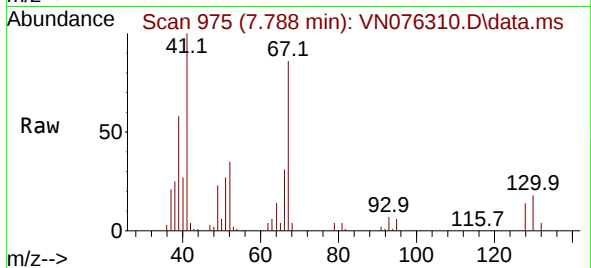
Tgt Ion: 78 Resp: 781620
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0





#41
Methacrylonitrile
Concen: 45.518 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

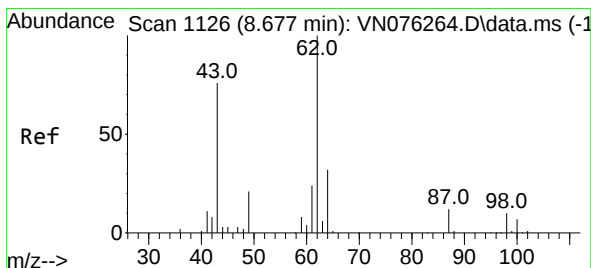
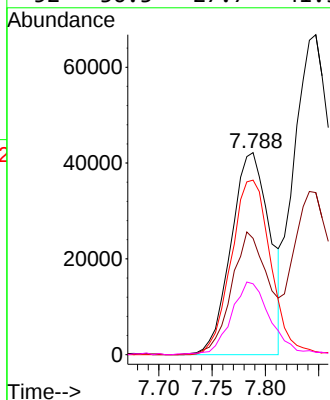
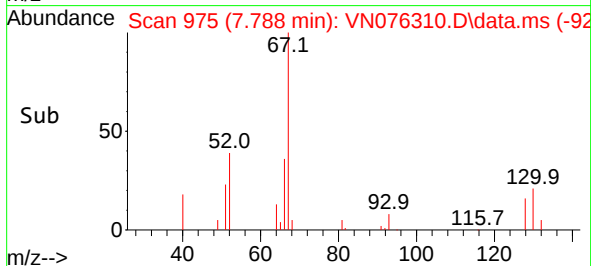
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



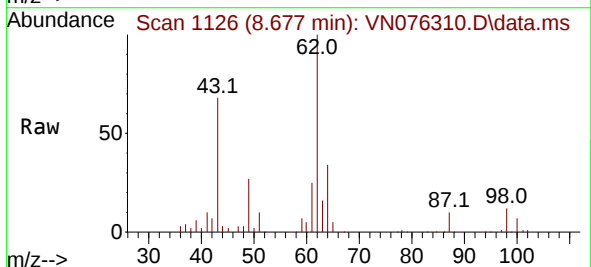
Tgt Ion: 41 Resp: 10685
Ion Ratio Lower Upper
41 100
39 57.6 42.4 63.6
67 88.3 68.8 103.2
52 36.3 27.7 41.5

Manual Integrations
APPROVED

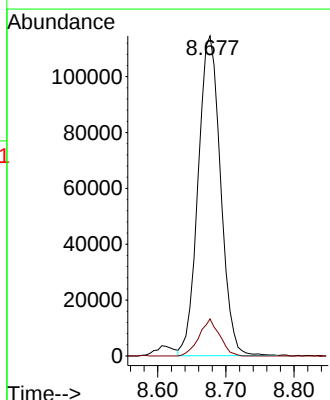
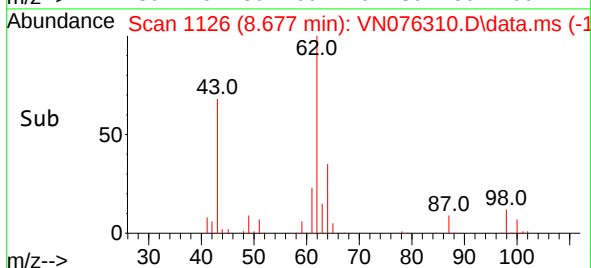
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

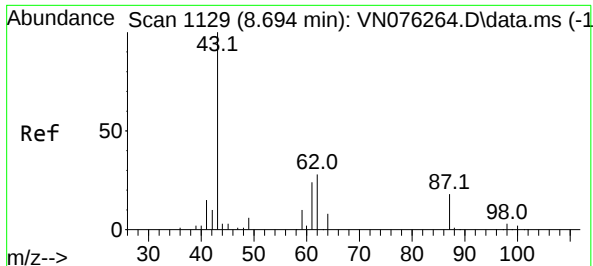


#42
1,2-Dichloroethane
Concen: 45.823 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



Tgt Ion: 62 Resp: 262052
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 46.593 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 339844

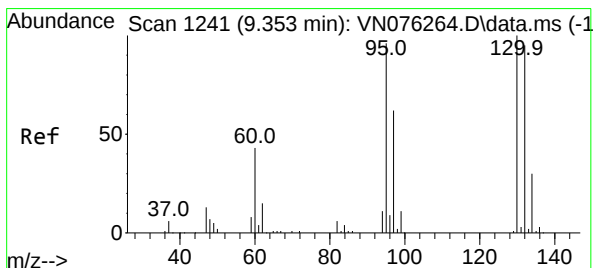
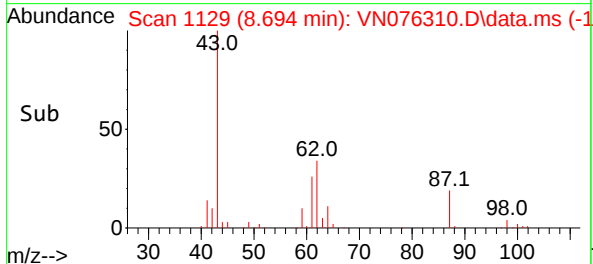
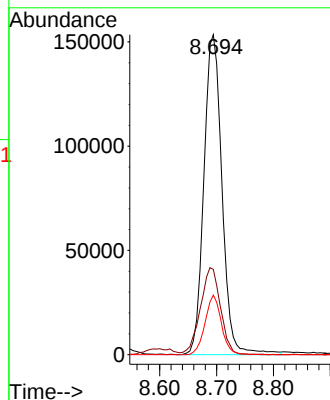
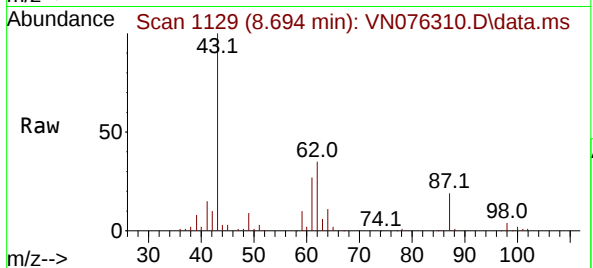
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.5	35.3
87	16.7	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#44

Trichloroethene

Concen: 46.713 ug/l

RT: 9.353 min Scan# 1241

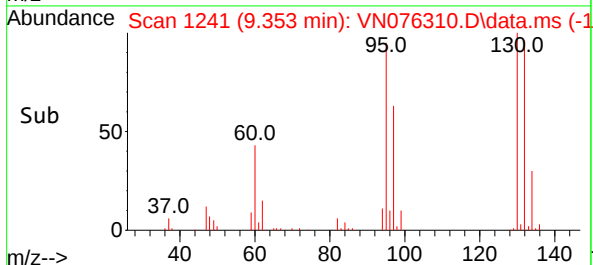
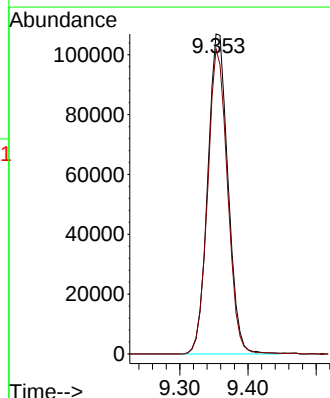
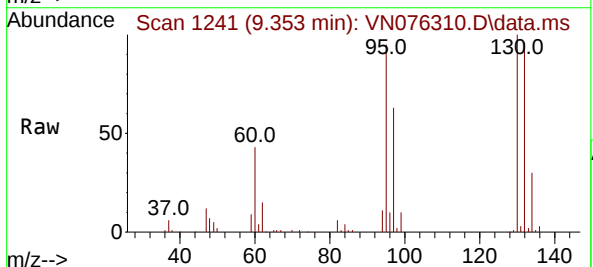
Delta R.T. 0.000 min

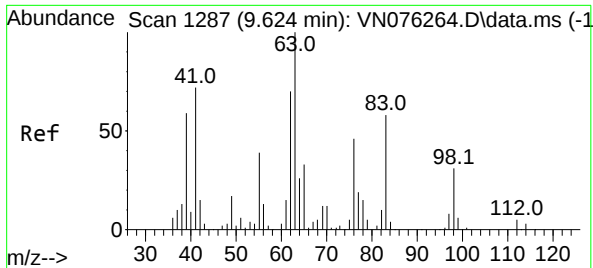
Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Tgt Ion:130 Resp: 220833

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	192.0





#45

1,2-Dichloropropane

Concen: 47.020 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18816

Ion Ratio Lower Upper

63 100

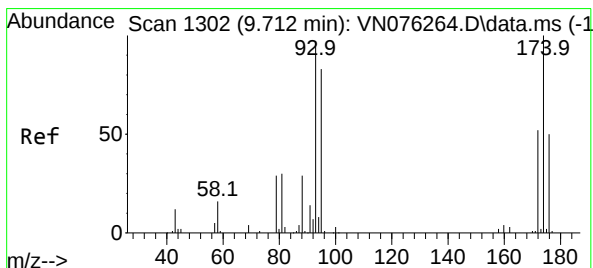
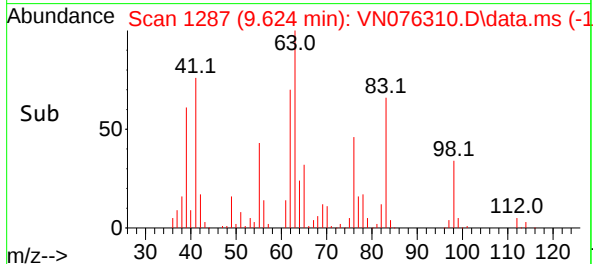
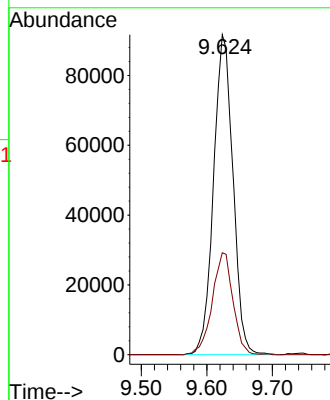
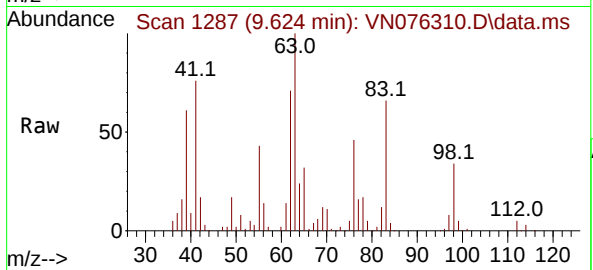
65 31.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 46.978 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

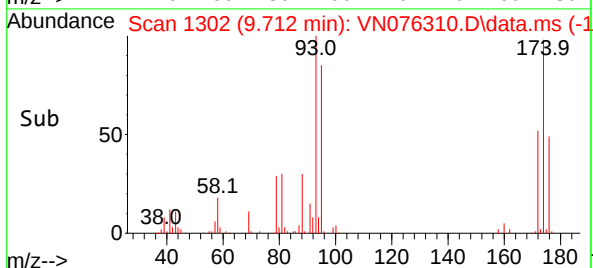
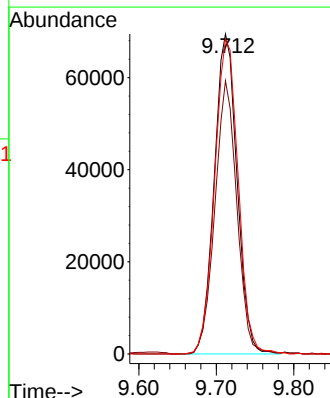
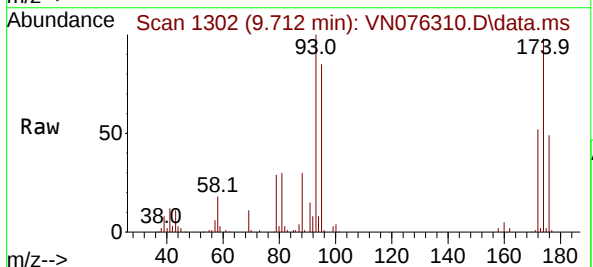
Tgt Ion: 93 Resp: 141940

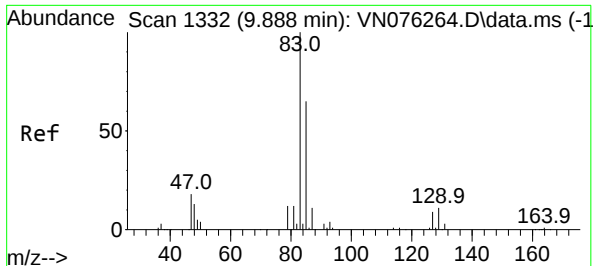
Ion Ratio Lower Upper

93 100

95 82.4 66.0 99.0

174 101.6 81.3 121.9





#47

Bromodichloromethane

Concen: 48.030 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 281458

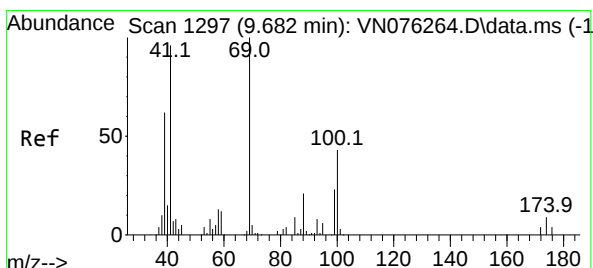
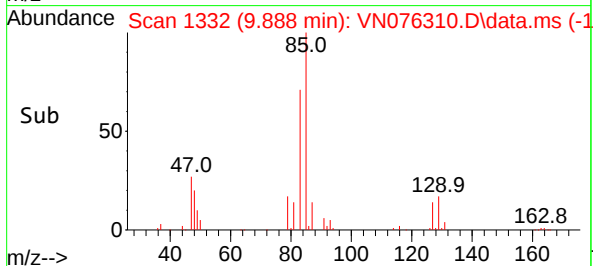
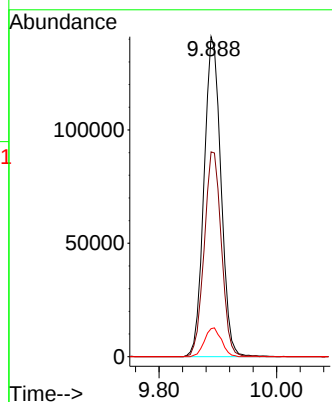
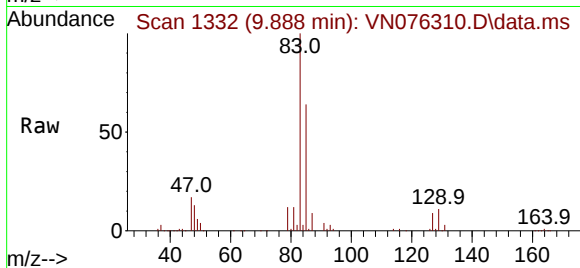
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.1	78.1
127	8.8	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#48

Methyl methacrylate

Concen: 45.904 ug/l

RT: 9.682 min Scan# 1297

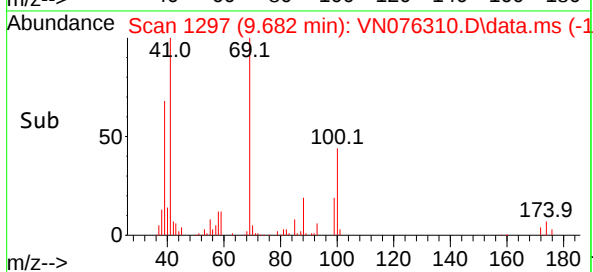
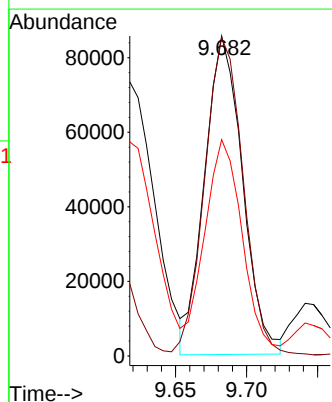
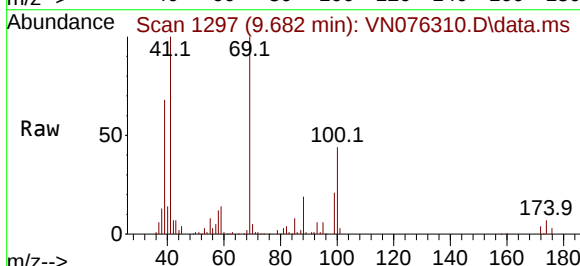
Delta R.T. 0.000 min

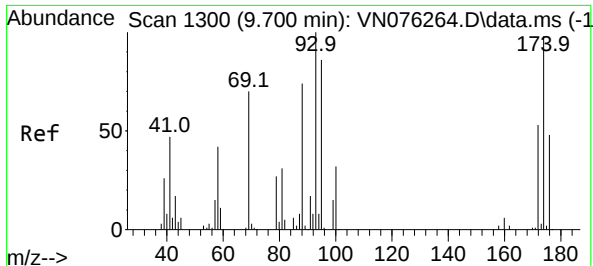
Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Tgt Ion: 41 Resp: 158509

Ion	Ratio	Lower	Upper
41	100		
69	101.3	80.8	121.2
39	68.3	54.4	81.6





#49

1,4-Dioxane

Concen: 977.790 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7124

Ion Ratio Lower Upper

88 100

43 21.2 18.1 27.1

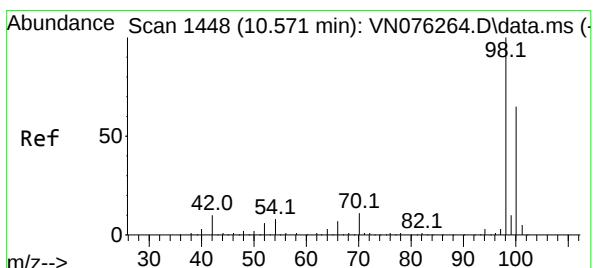
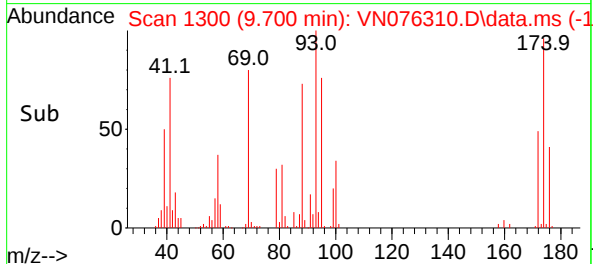
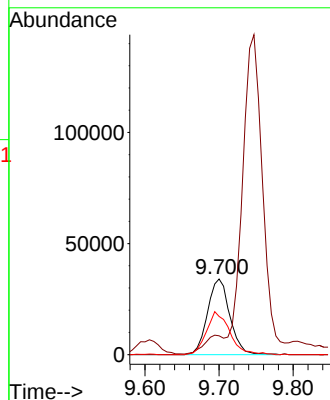
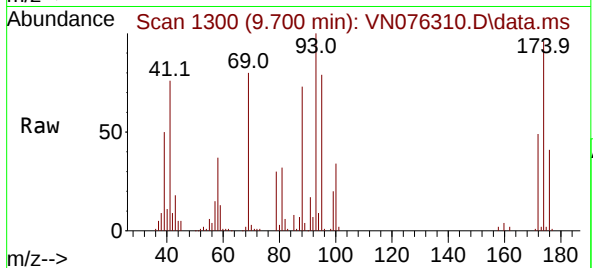
58 59.6 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 49.217 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076310.D

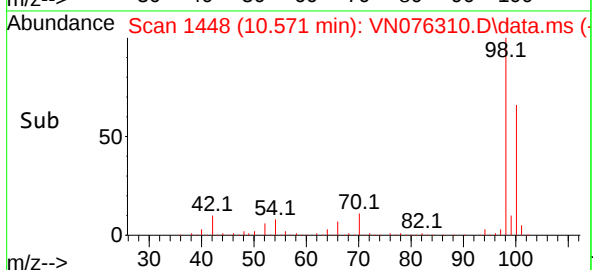
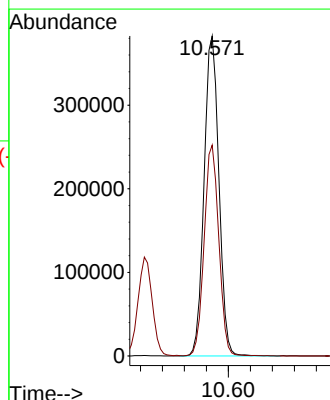
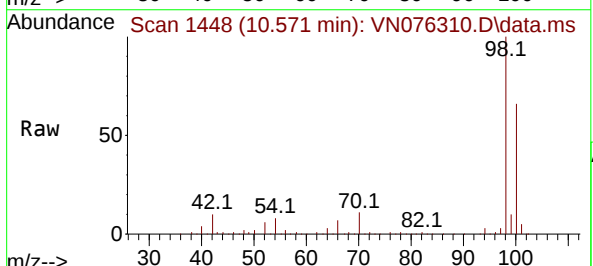
Acq: 19 Jan 2023 09:47

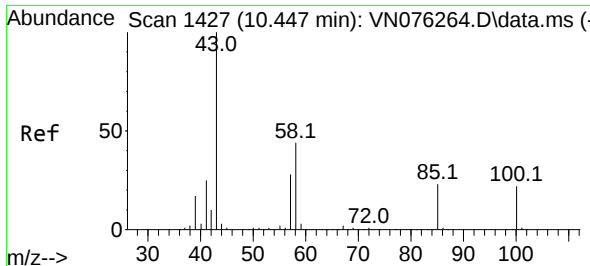
Tgt Ion: 98 Resp: 715023

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





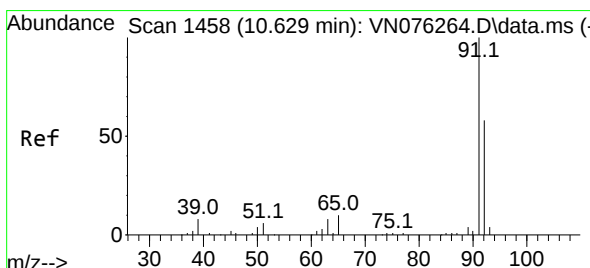
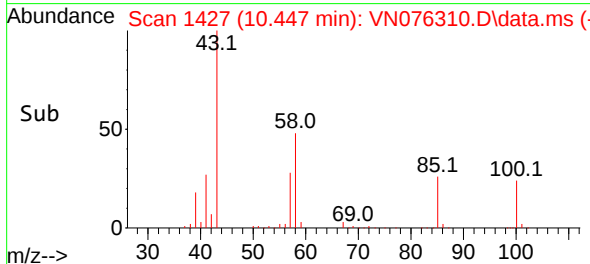
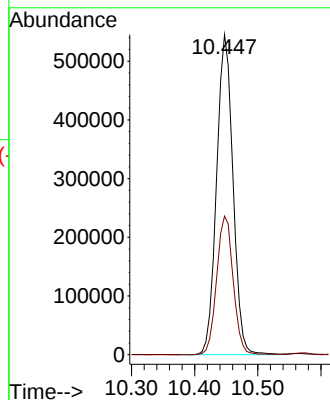
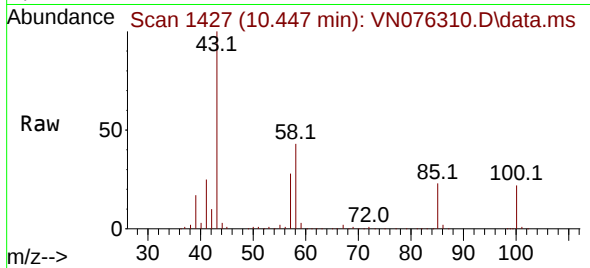
#51
4-Methyl-2-Pentanone
Concen: 229.508 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 982704
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7

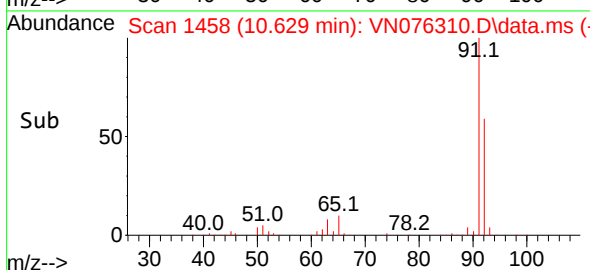
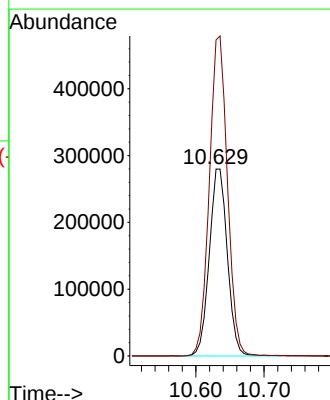
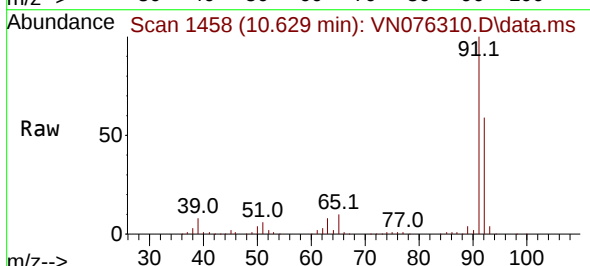
Manual Integrations
APPROVED

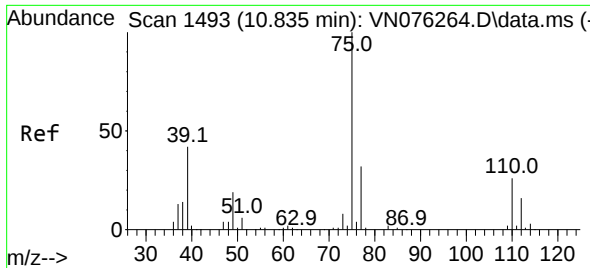
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#52
Toluene
Concen: 46.098 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 92 Resp: 515260
Ion Ratio Lower Upper
92 100
91 171.9 136.6 205.0





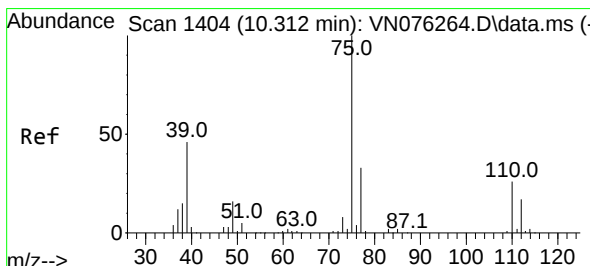
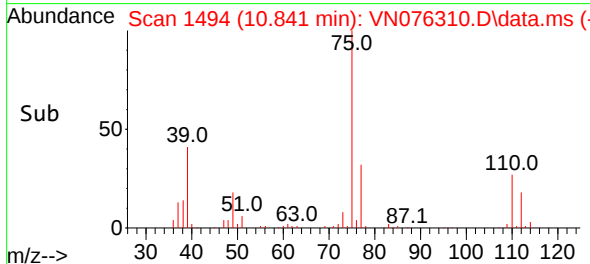
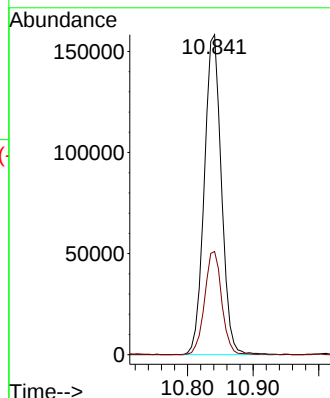
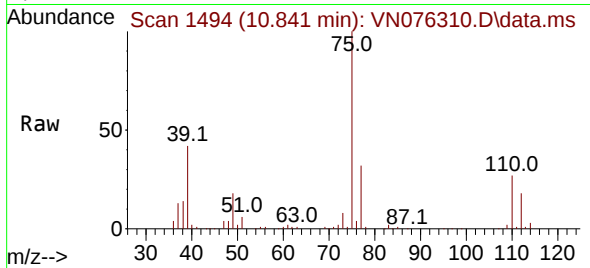
#53
t-1,3-Dichloropropene
Concen: 51.505 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 28772
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6

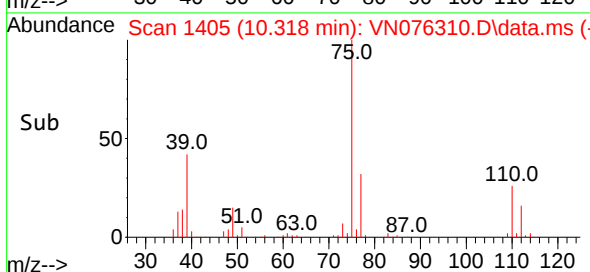
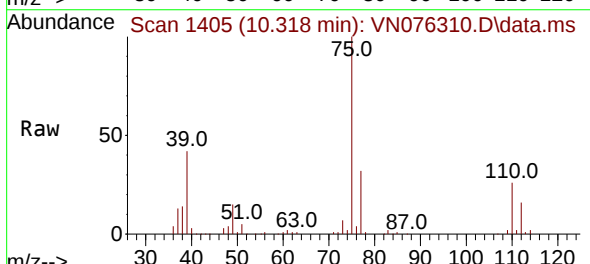
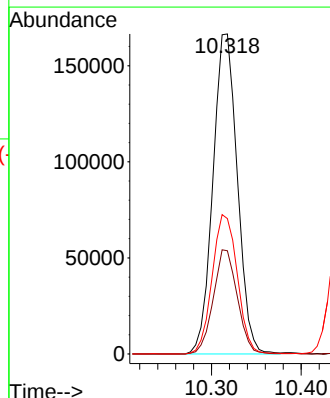
Manual Integrations
APPROVED

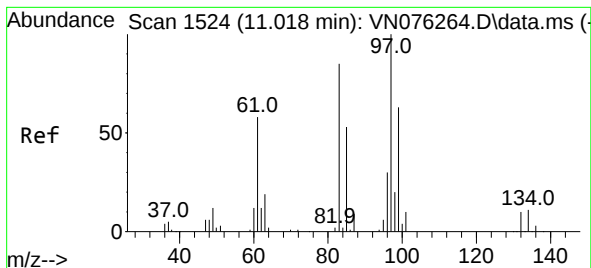
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#54
cis-1,3-Dichloropropene
Concen: 49.011 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

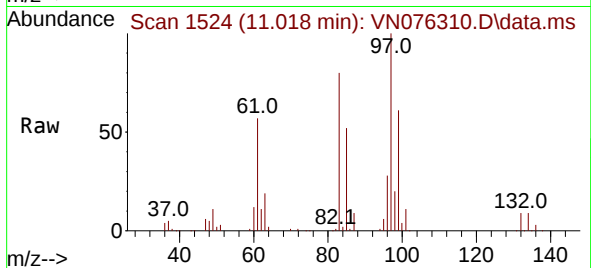
Tgt Ion: 75 Resp: 314987
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7
39 42.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 46.842 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

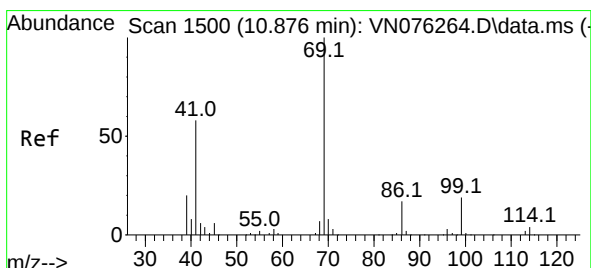
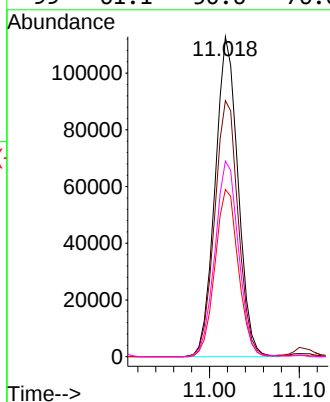
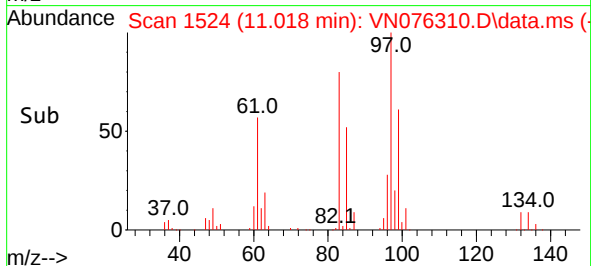
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 20013
Ion Ratio Lower Upper
97 100
83 80.0 67.8 101.6
85 52.3 42.3 63.5
99 61.1 50.6 76.0

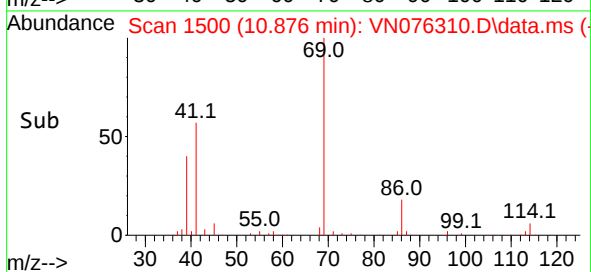
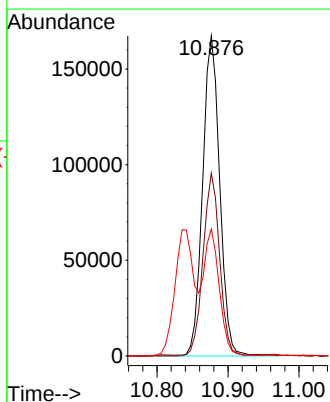
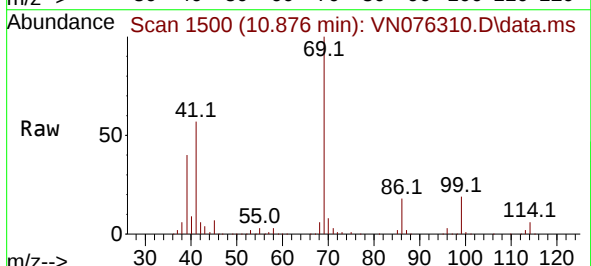
Manual Integrations
APPROVED

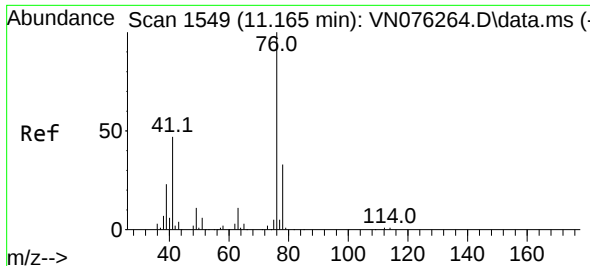
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#56
Ethyl methacrylate
Concen: 50.799 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

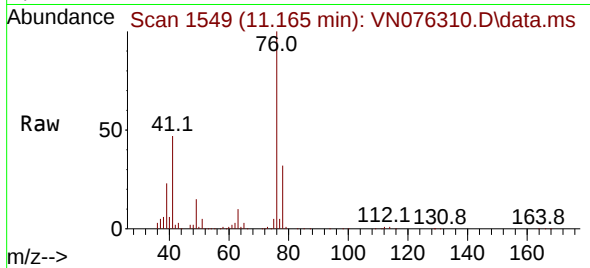
Tgt Ion: 69 Resp: 280201
Ion Ratio Lower Upper
69 100
41 54.6 45.3 67.9
39 35.4 29.3 43.9





#57
1,3-Dichloropropane
Concen: 46.527 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

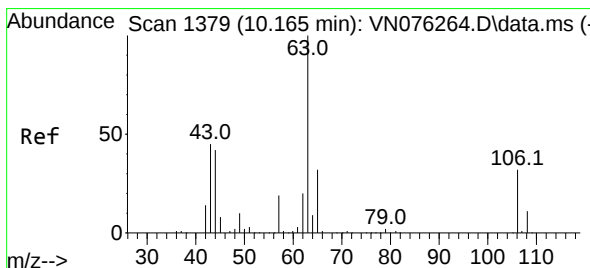
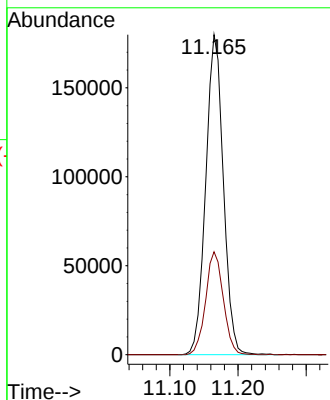
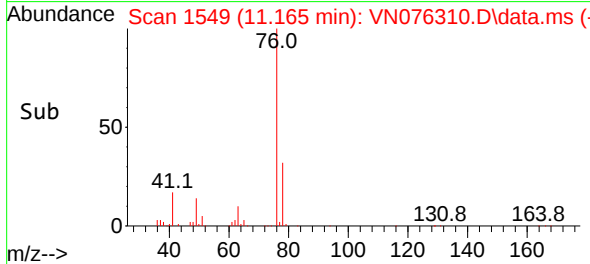
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



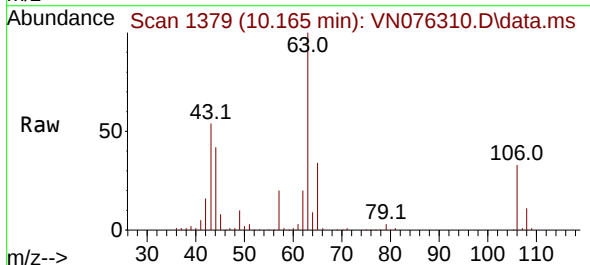
Tgt Ion: 76 Resp: 323044
Ion Ratio Lower Upper
76 100
78 32.3 26.4 39.6

Manual Integrations
APPROVED

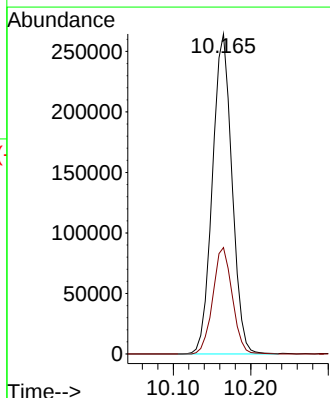
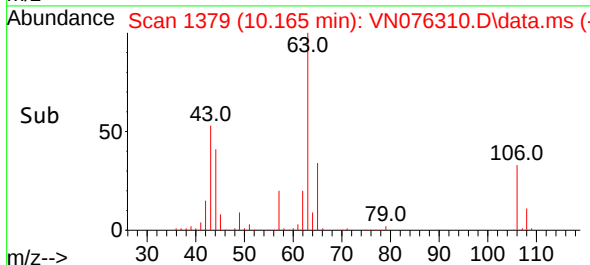
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

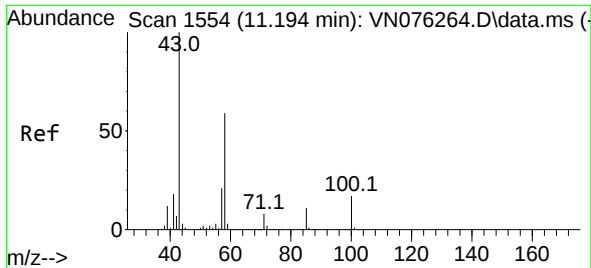


#58
2-Chloroethyl Vinyl ether
Concen: 248.981 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



Tgt Ion: 63 Resp: 463632
Ion Ratio Lower Upper
63 100
106 33.0 26.2 39.2





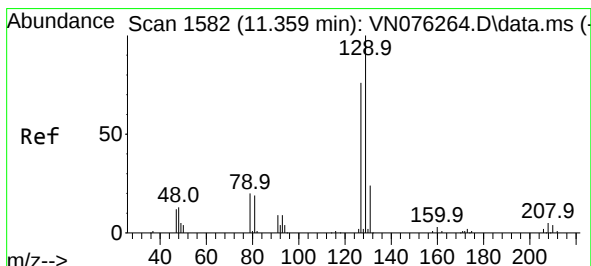
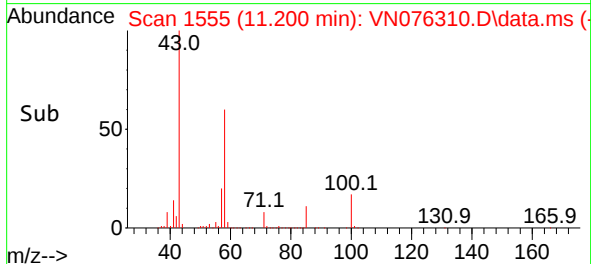
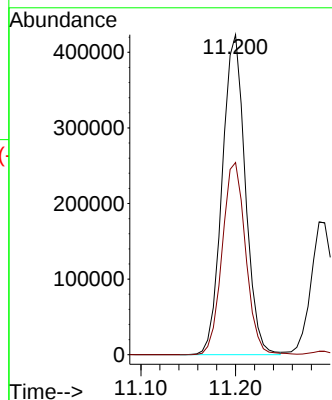
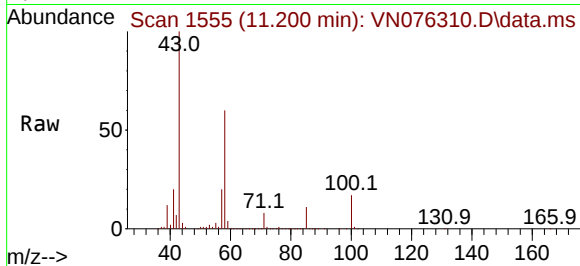
#59
2-Hexanone
Concen: 231.229 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 717462
Ion Ratio Lower Upper
43 100
58 61.0 30.1 90.3

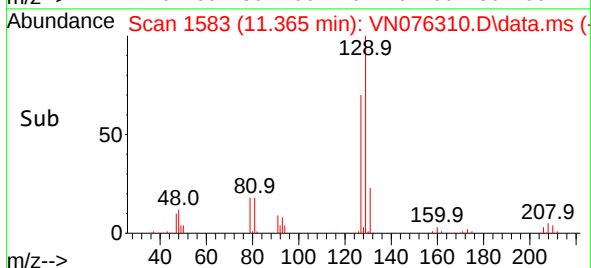
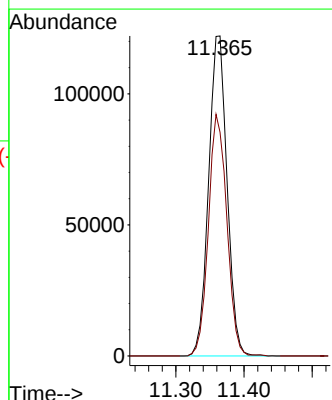
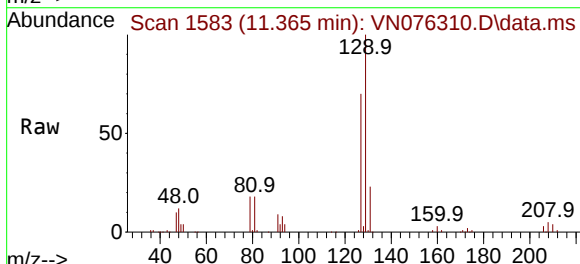
Manual Integrations
APPROVED

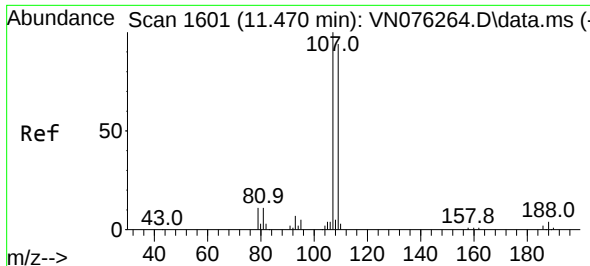
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 51.052 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

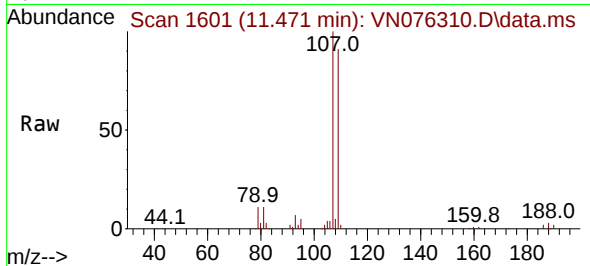
Tgt Ion:129 Resp: 229610
Ion Ratio Lower Upper
129 100
127 75.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 48.489 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

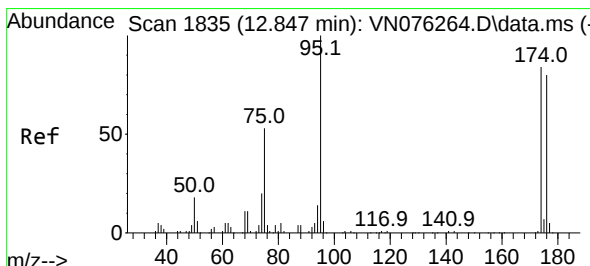
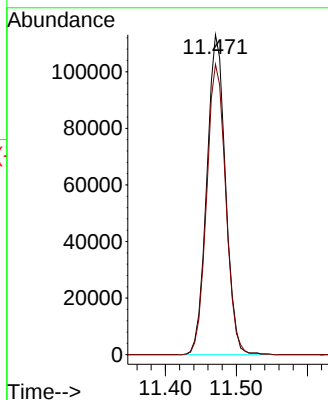
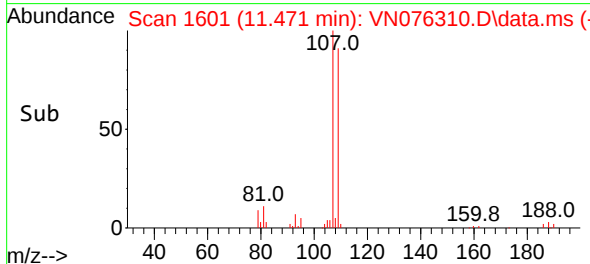
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 206789
Ion Ratio Lower Upper
107 100
109 92.7 76.0 114.0

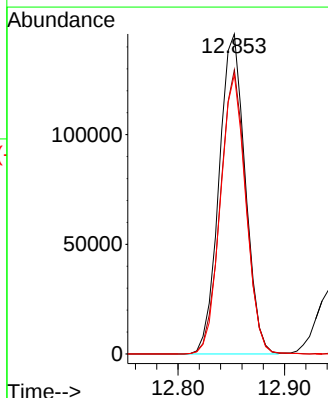
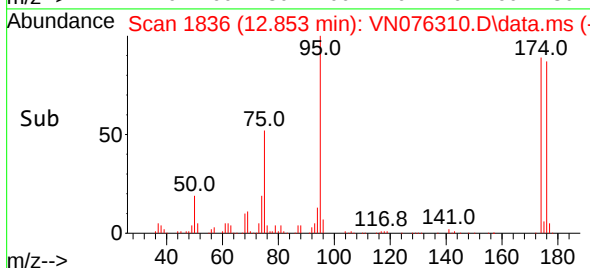
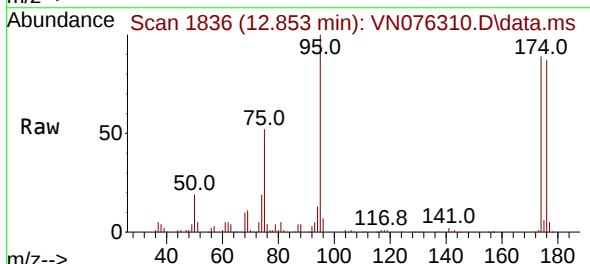
Manual Integrations
APPROVED

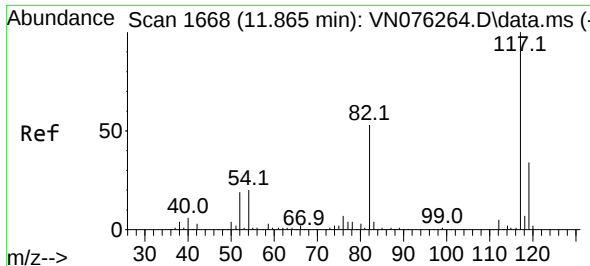
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#62
4-Bromofluorobenzene
Concen: 52.476 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

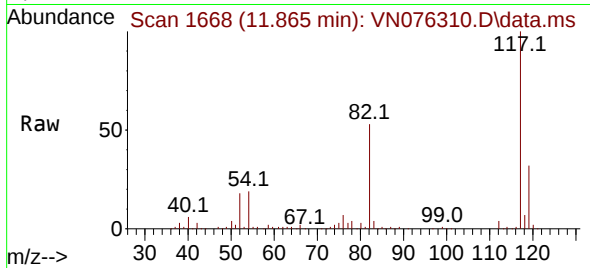
Tgt Ion: 95 Resp: 248878
Ion Ratio Lower Upper
95 100
174 86.7 0.0 174.6
176 84.5 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

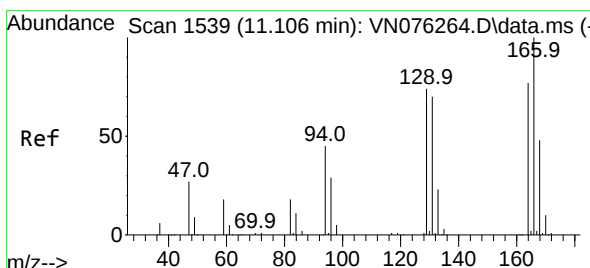
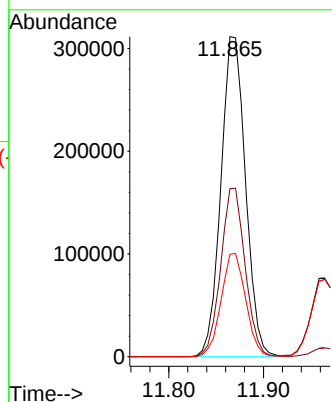
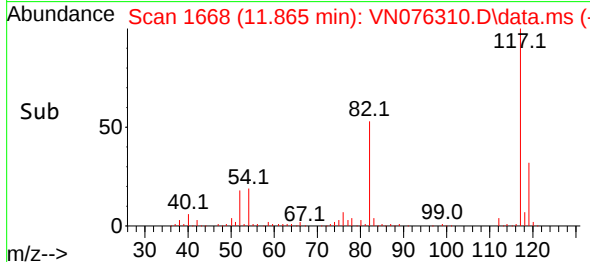
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



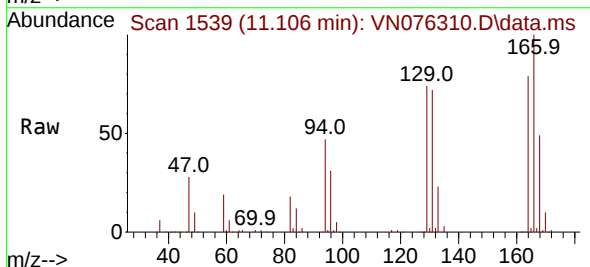
Tgt Ion:117 Resp: 562362
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 32.0 26.9 40.3

Manual Integrations
APPROVED

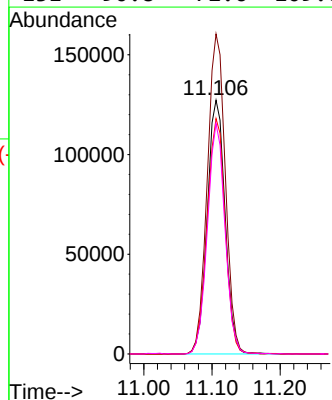
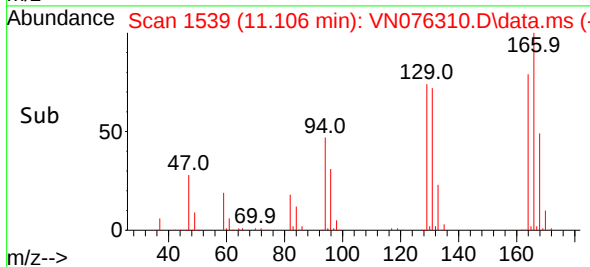
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

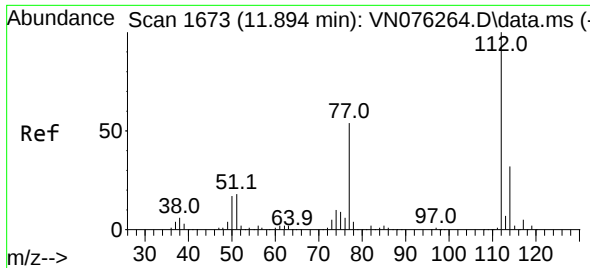


#64
Tetrachloroethene
Concen: 45.790 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



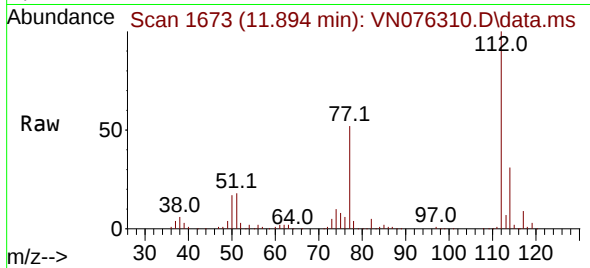
Tgt Ion:164 Resp: 232220
Ion Ratio Lower Upper
164 100
166 126.1 104.0 156.0
129 92.8 76.6 114.8
131 90.8 72.6 109.0





#65
Chlorobenzene
Concen: 47.192 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

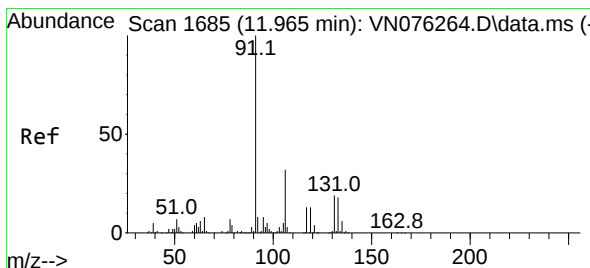
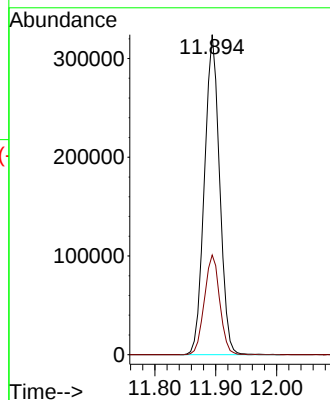
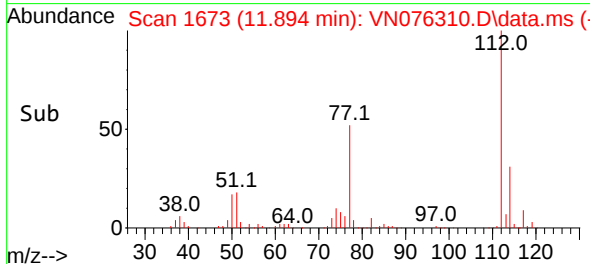
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



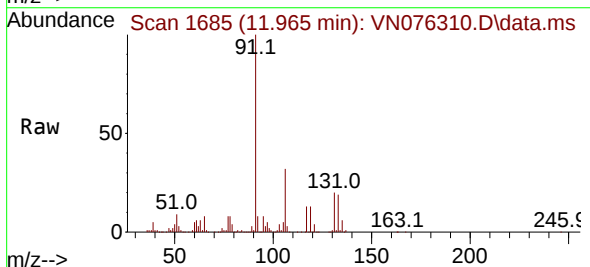
Tgt Ion:112 Resp: 560990
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9

Manual Integrations
APPROVED

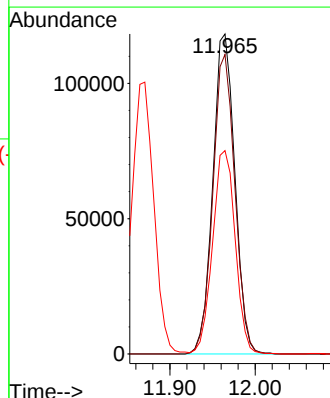
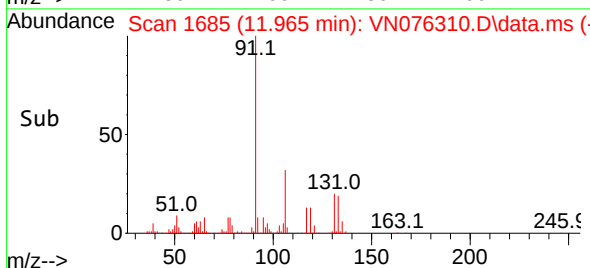
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

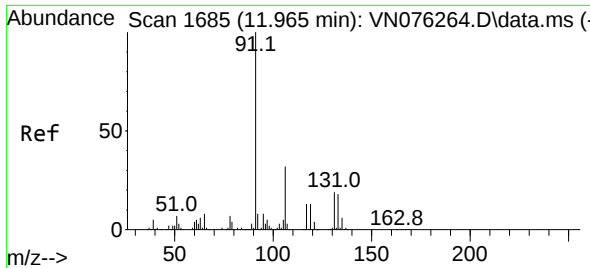


#66
1,1,1,2-Tetrachloroethane
Concen: 48.013 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



Tgt Ion:131 Resp: 212360
Ion Ratio Lower Upper
131 100
133 93.7 47.4 142.2
119 65.3 32.3 96.8





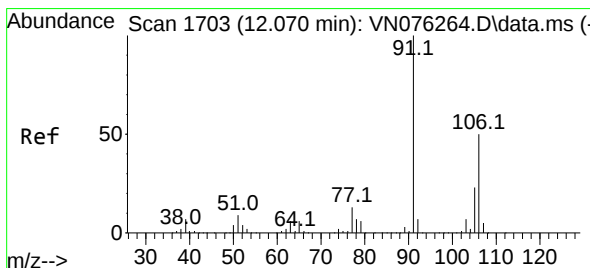
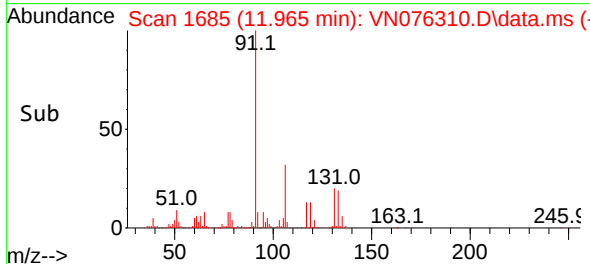
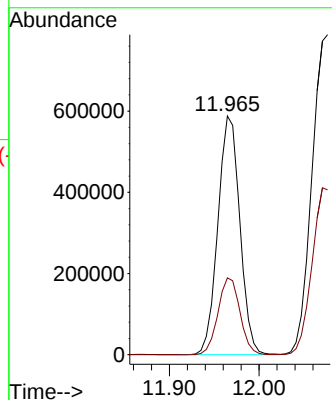
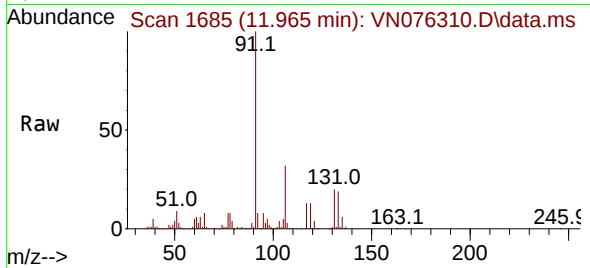
#67
Ethyl Benzene
Concen: 49.134 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 999644
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

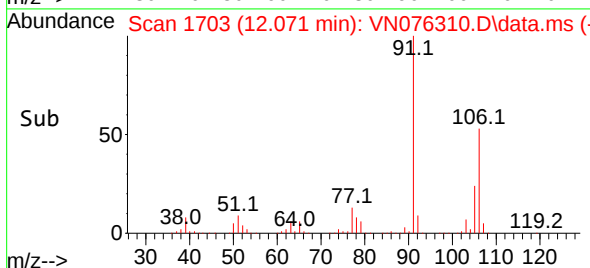
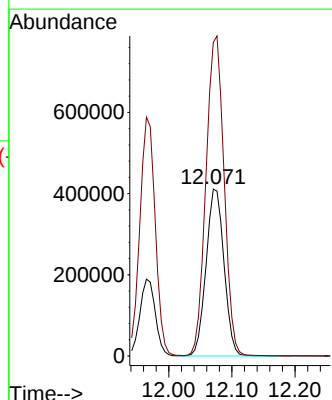
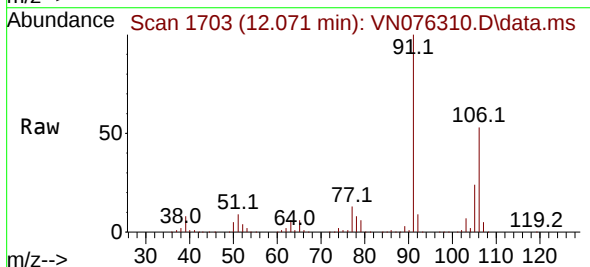
Manual Integrations
APPROVED

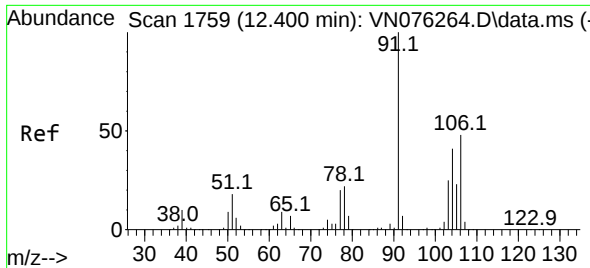
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#68
m/p-Xylenes
Concen: 99.284 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

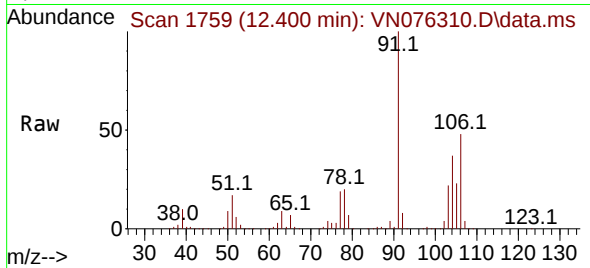
Tgt Ion:106 Resp: 809982
Ion Ratio Lower Upper
106 100
91 193.7 157.5 236.3





#69
o-Xylene
Concen: 49.274 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

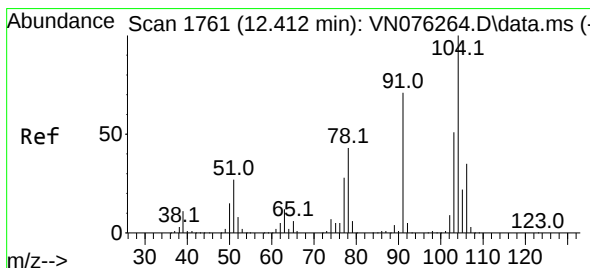
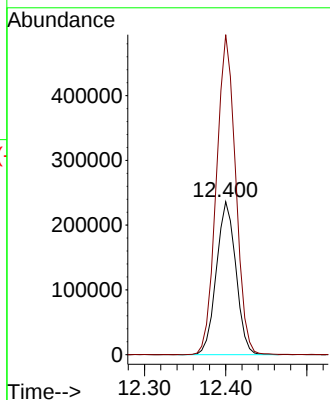
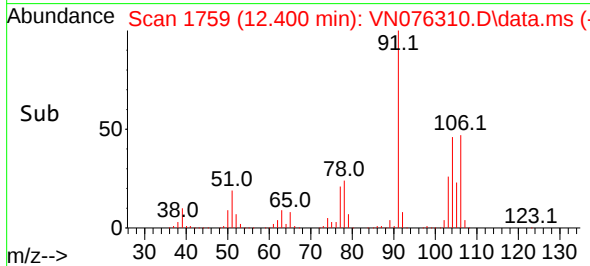
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



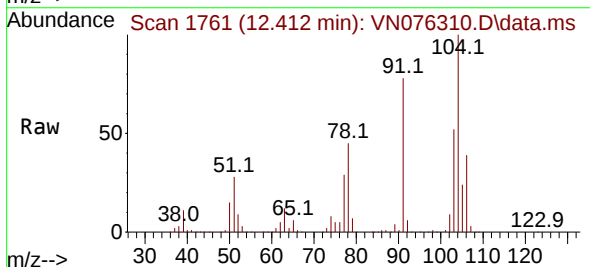
Tgt Ion:106 Resp: 394760
Ion Ratio Lower Upper
106 100
91 207.0 103.2 309.4

Manual Integrations
APPROVED

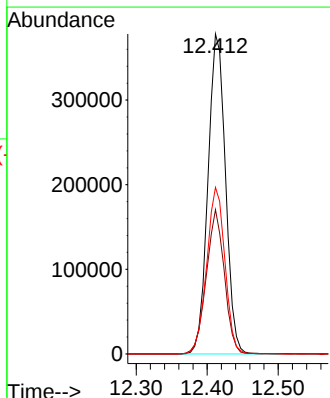
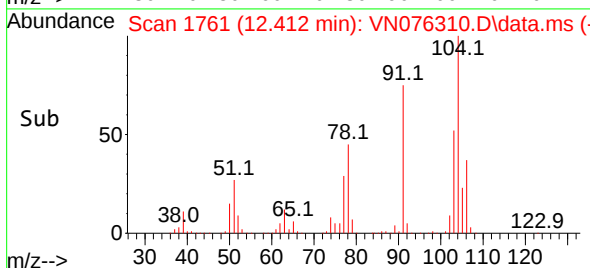
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

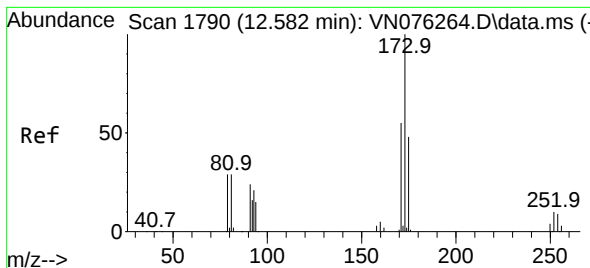


#70
Styrene
Concen: 50.638 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



Tgt Ion:104 Resp: 647773
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 54.4 44.2 66.2





#71

Bromoform

Concen: 50.694 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 161924

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

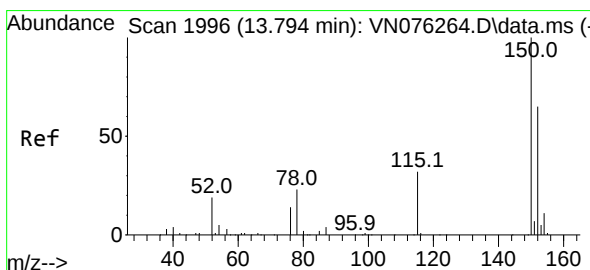
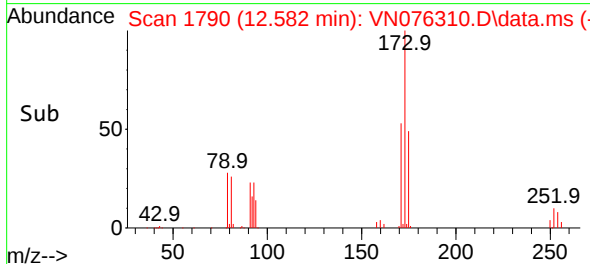
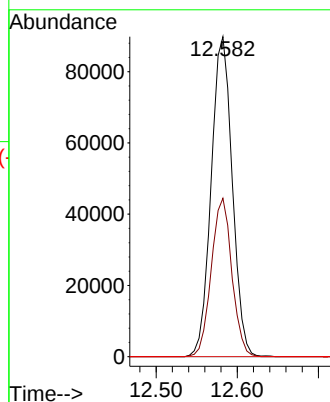
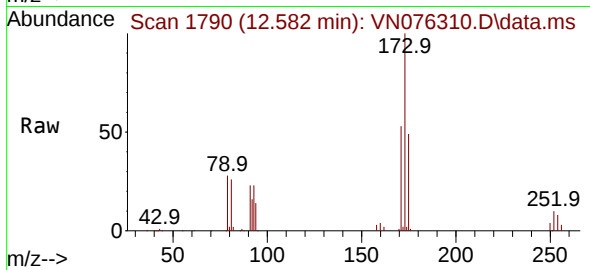
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

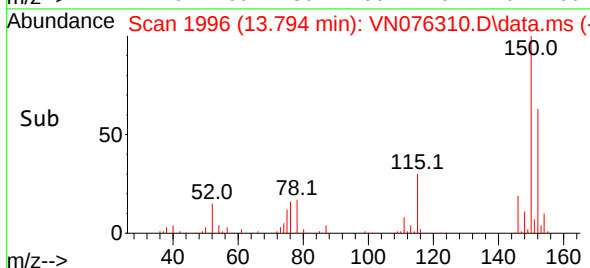
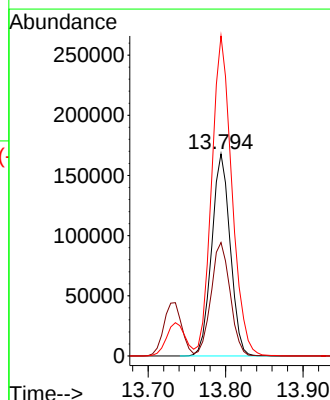
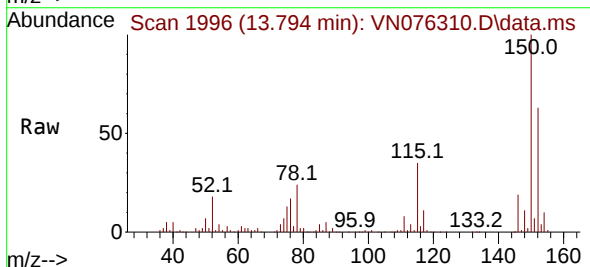
Tgt Ion:152 Resp: 279095

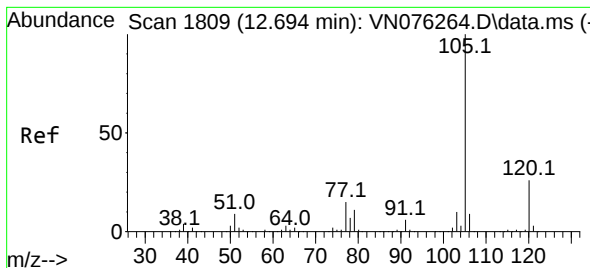
Ion Ratio Lower Upper

152 100

115 57.9 29.6 88.9

150 173.2 0.0 351.4





#73

Isopropylbenzene

Concen: 47.897 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 103413

Ion Ratio Lower Upper

105 100

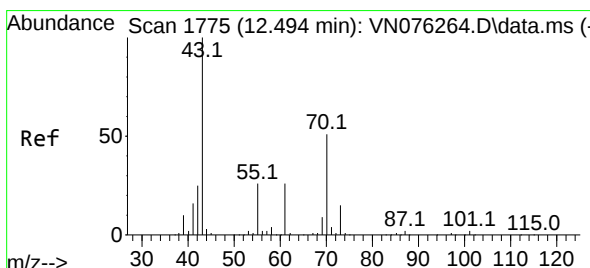
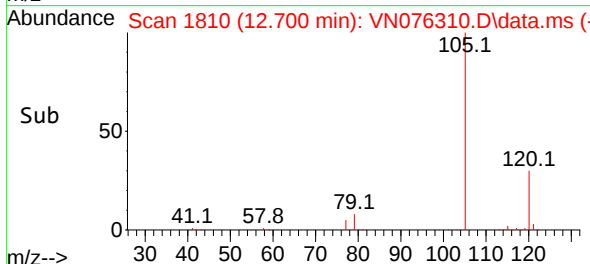
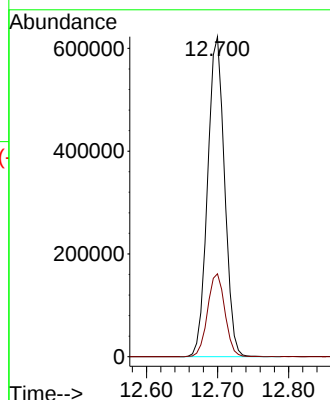
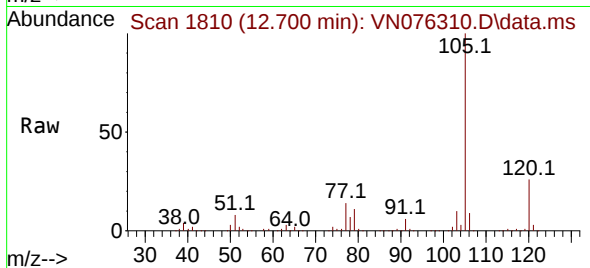
120 26.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#74

N-ethyl acetate

Concen: 46.825 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Tgt Ion: 43 Resp: 290810

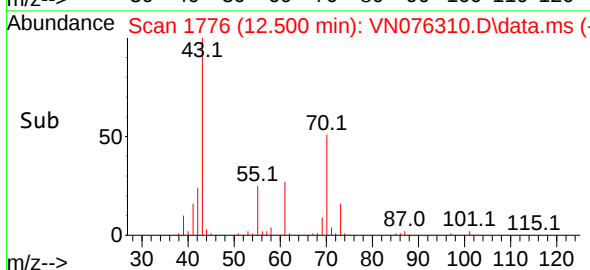
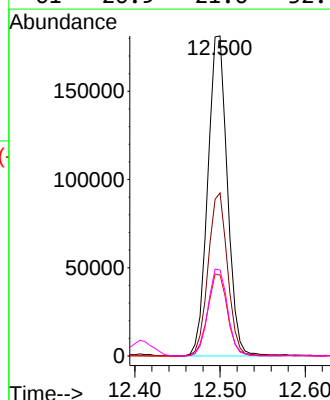
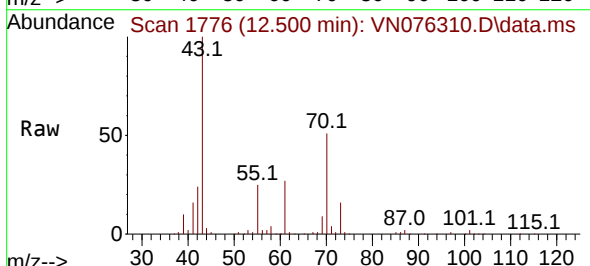
Ion Ratio Lower Upper

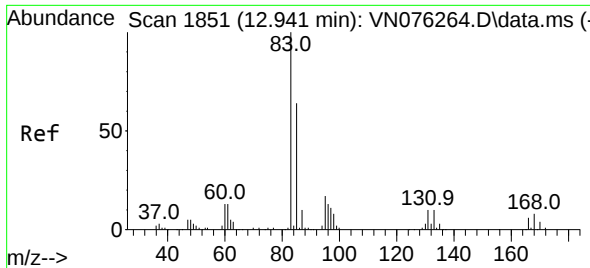
43 100

70 50.4 41.2 61.8

55 25.9 21.0 31.6

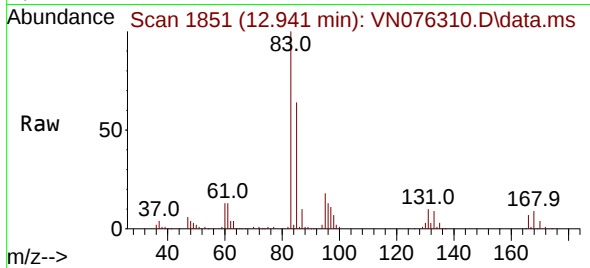
61 26.9 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 43.621 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

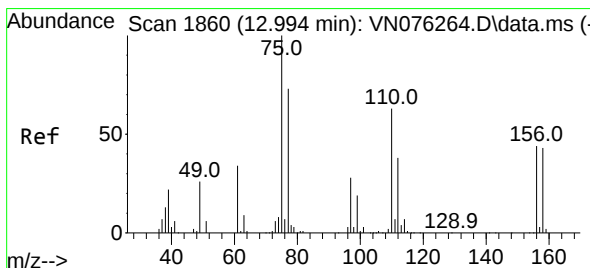
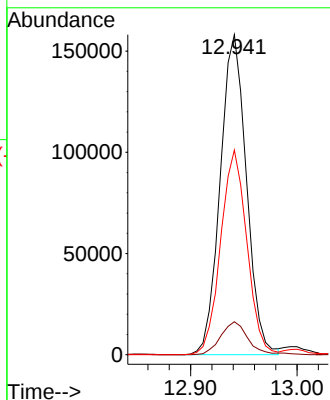
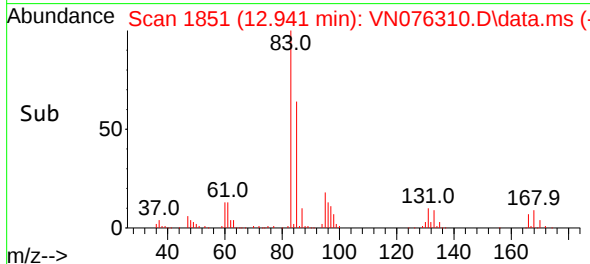
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



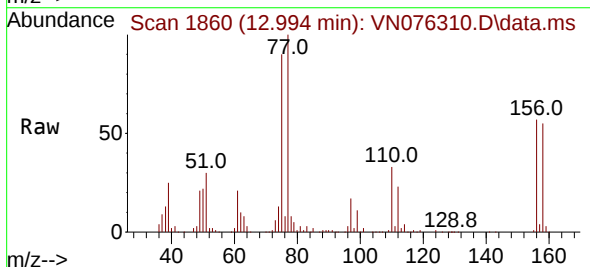
Tgt Ion: 83 Resp: 27074
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 63.9 31.7 95.1

Manual Integrations
APPROVED

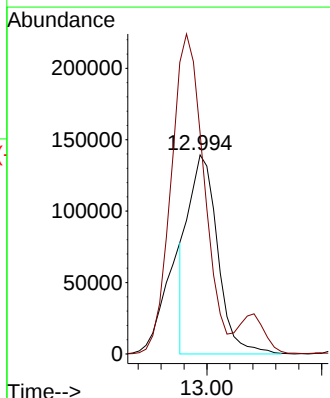
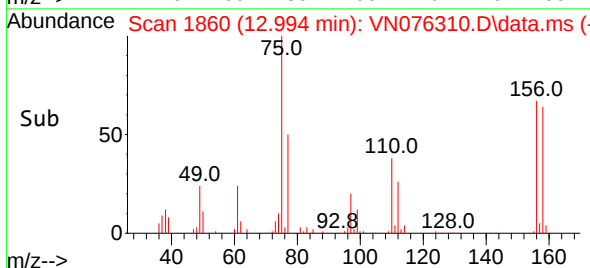
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

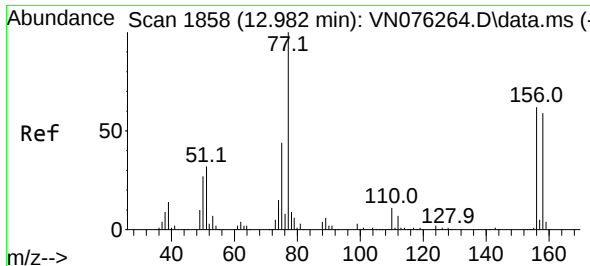


#76
1,2,3-Trichloropropane
Concen: 48.694 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



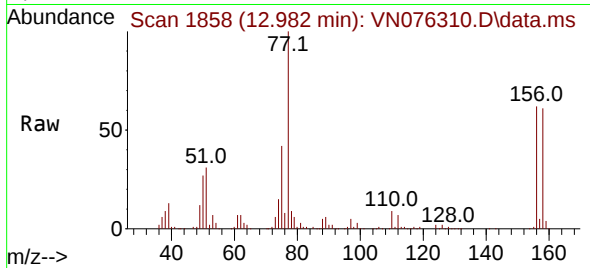
Tgt Ion: 75 Resp: 247707
Ion Ratio Lower Upper
75 100
77 179.5 75.2 225.6





#77
Bromobenzene
Concen: 48.931 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

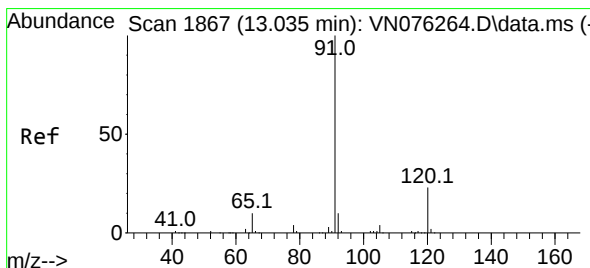
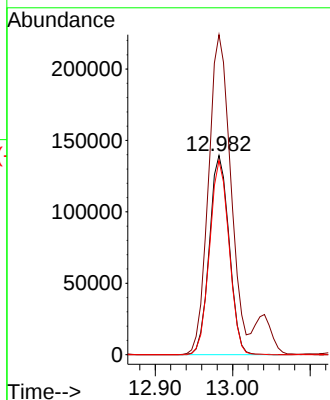
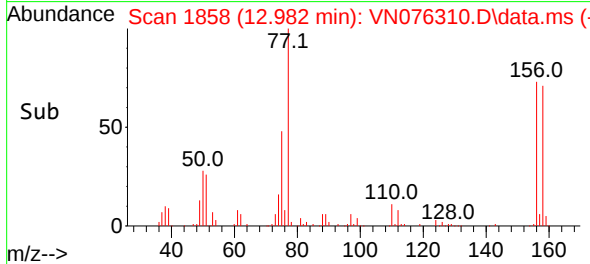
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 247058
Ion Ratio Lower Upper
156 100
77 180.0 93.4 280.2
158 96.1 48.4 145.2

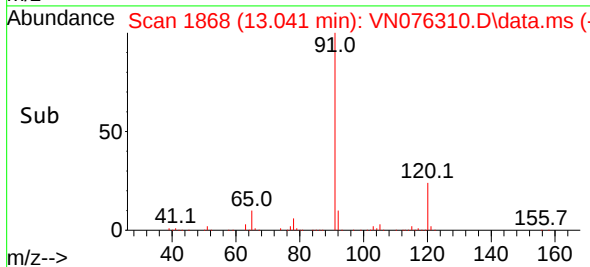
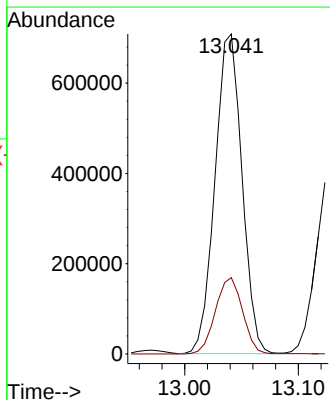
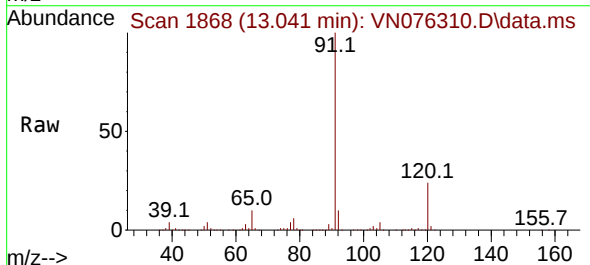
Manual Integrations
APPROVED

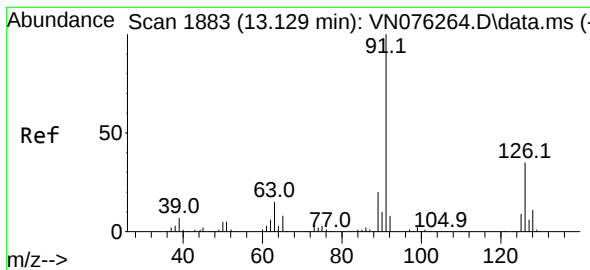
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#78
n-propylbenzene
Concen: 47.977 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 91 Resp: 1168814
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





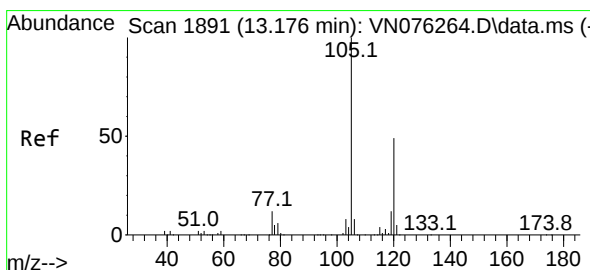
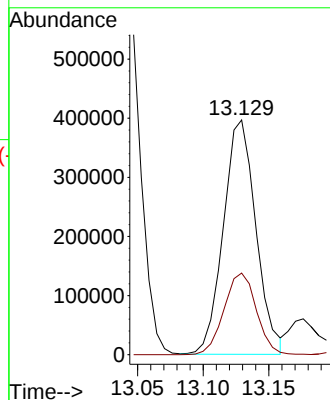
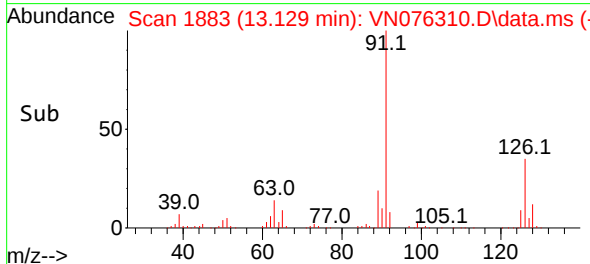
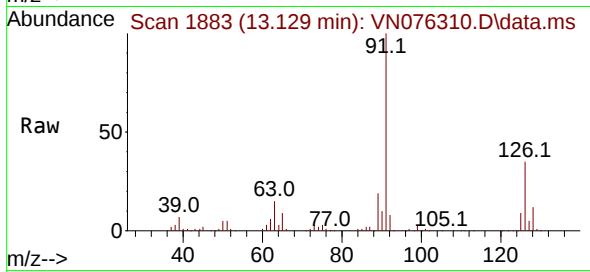
#79
2-Chlorotoluene
Concen: 45.828 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 68509
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2

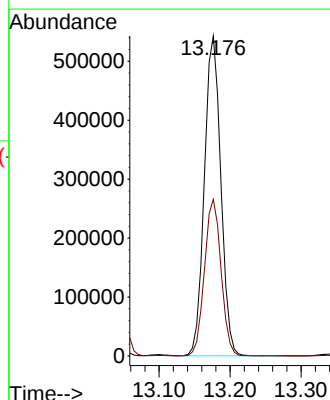
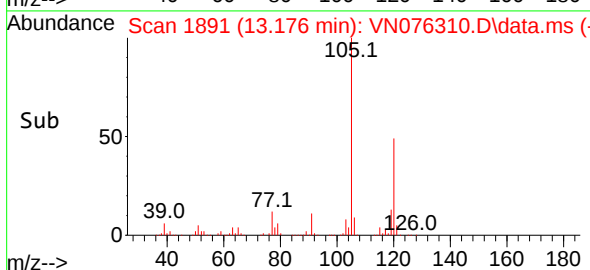
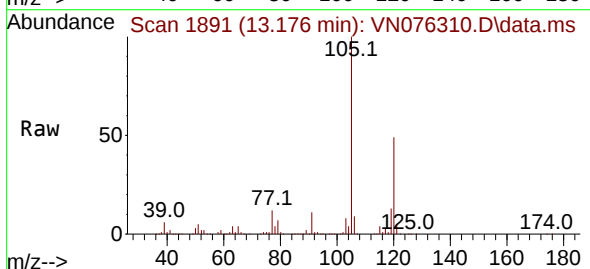
Manual Integrations
APPROVED

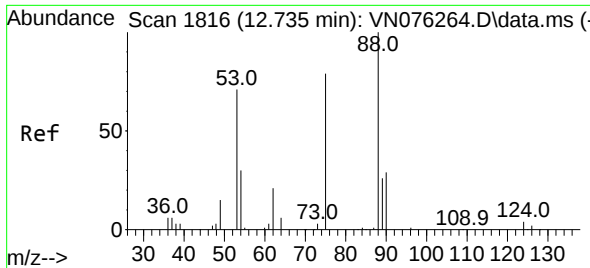
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.403 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:105 Resp: 875503
Ion Ratio Lower Upper
105 100
120 49.1 25.0 75.0





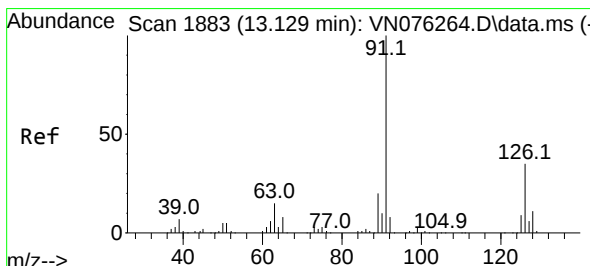
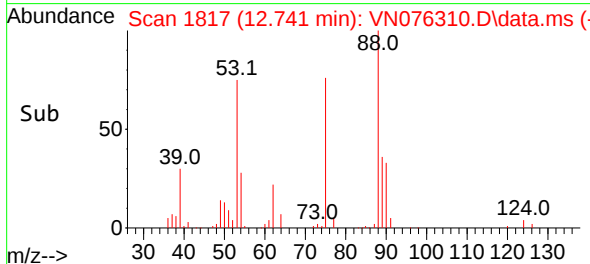
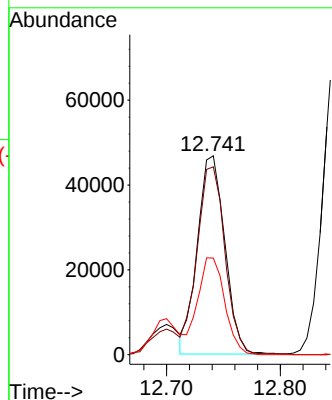
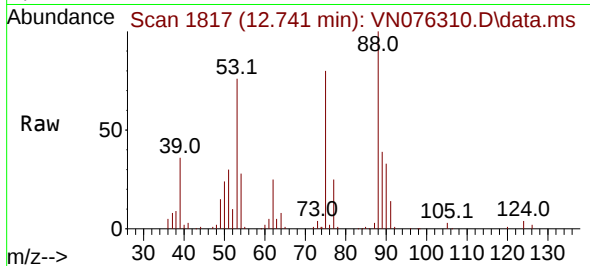
#81
trans-1,4-Dichloro-2-butene
Concen: 46.837 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7856
Ion Ratio Lower Upper
75 100
53 96.7 75.8 113.8
89 47.2 37.0 55.6

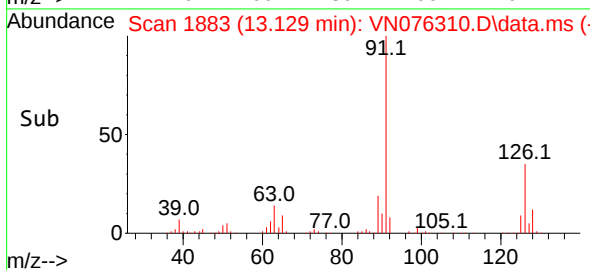
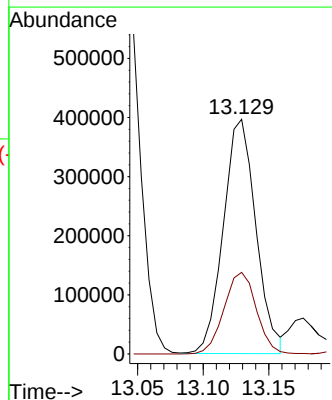
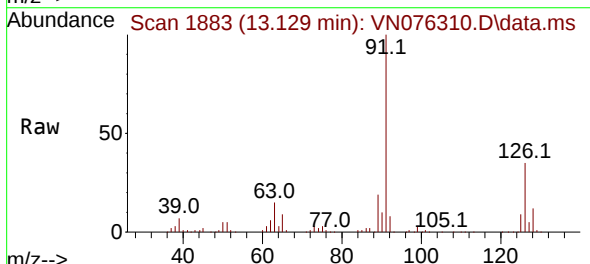
Manual Integrations
APPROVED

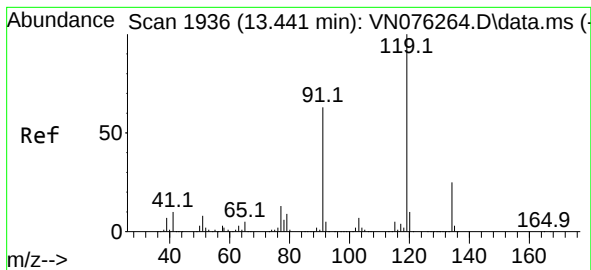
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 45.828 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

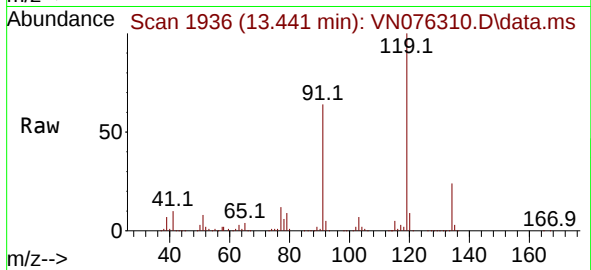
Tgt Ion: 91 Resp: 685095
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2





#83
tert-Butylbenzene
Concen: 49.267 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

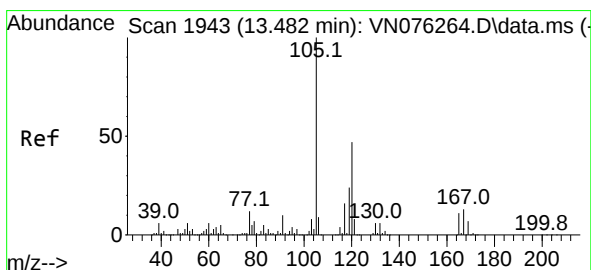
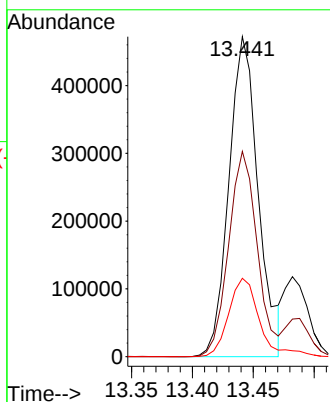
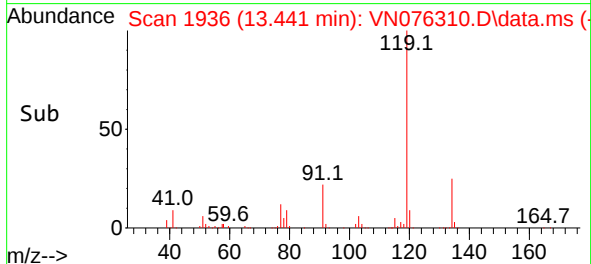
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



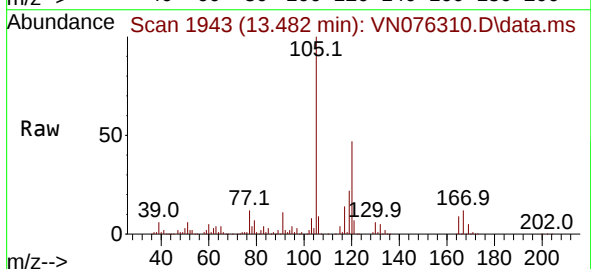
Tgt Ion:119 Resp: 79258
Ion Ratio Lower Upper
119 100
91 62.8 32.2 96.6
134 25.8 13.6 40.8

Manual Integrations
APPROVED

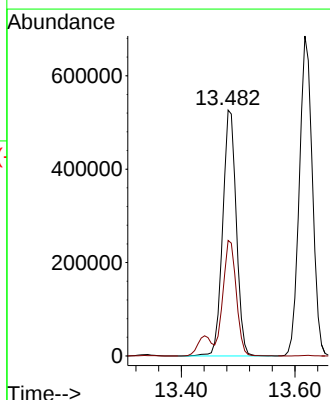
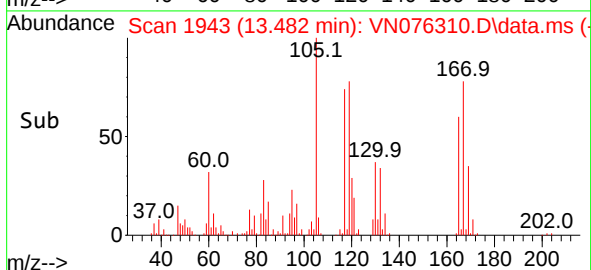
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

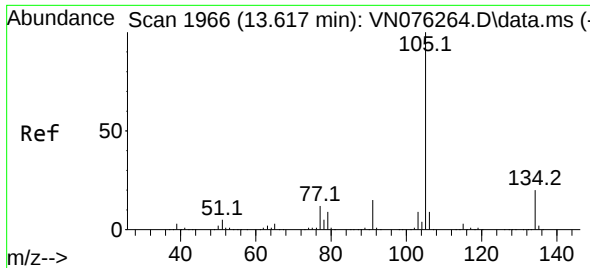


#84
1,2,4-Trimethylbenzene
Concen: 48.361 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



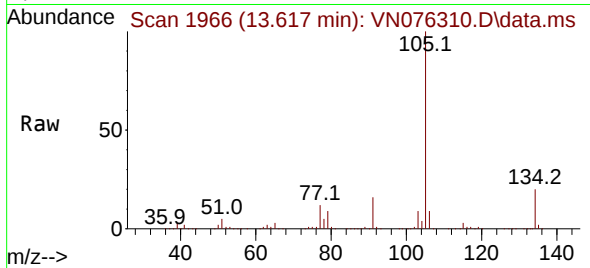
Tgt Ion:105 Resp: 877139
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 48.780 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

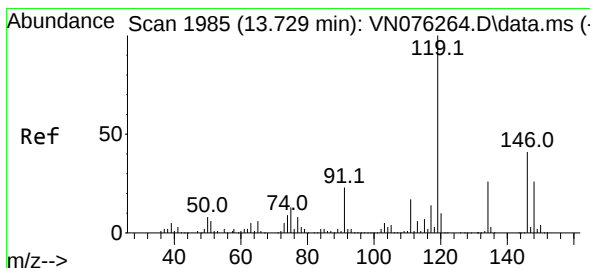
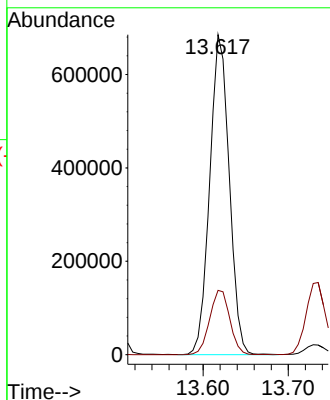
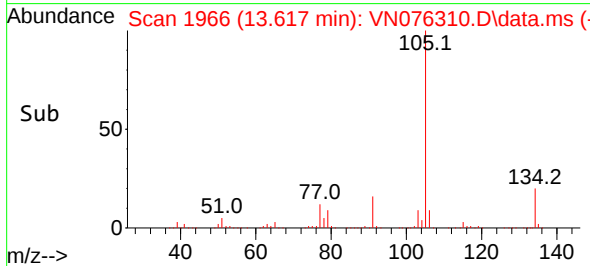
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



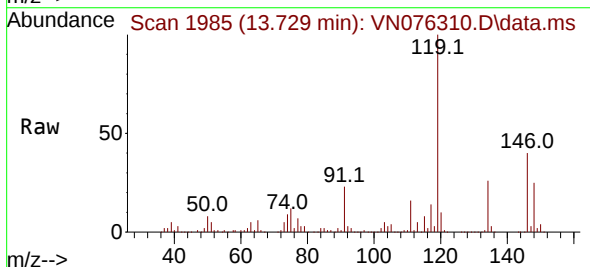
Tgt Ion:105 Resp: 108891
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8

Manual Integrations
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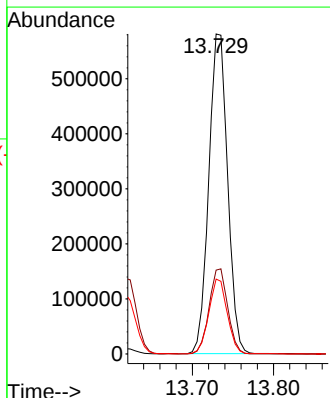
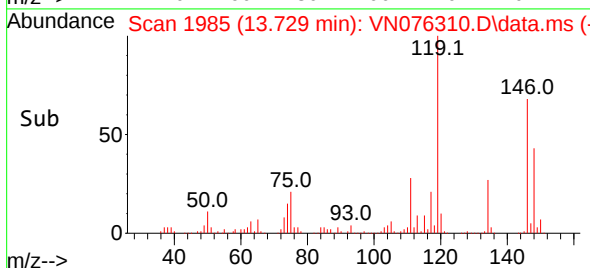
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

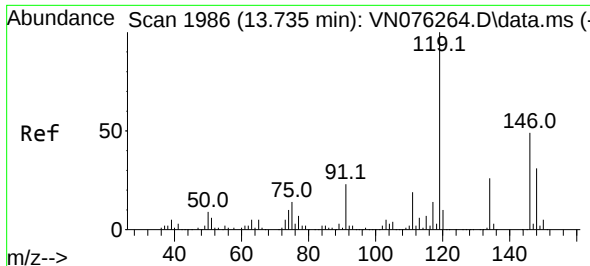


#86
 p-Isopropyltoluene
 Concen: 50.865 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47



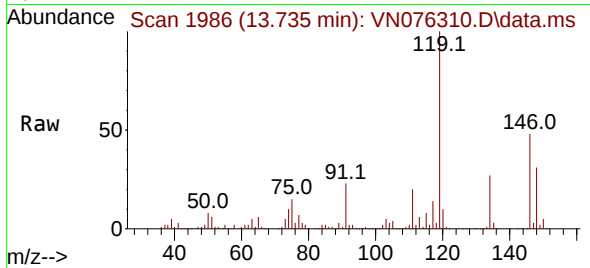
Tgt Ion:119 Resp: 933707
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 22.9 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 45.521 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

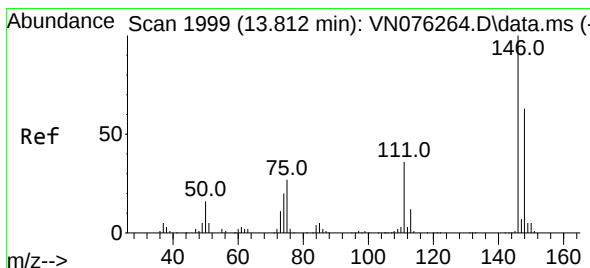
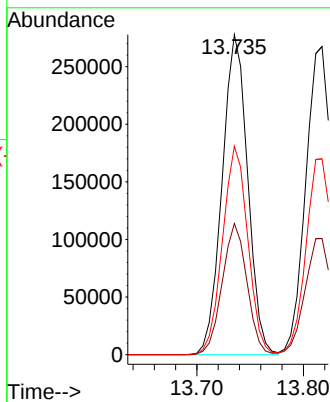
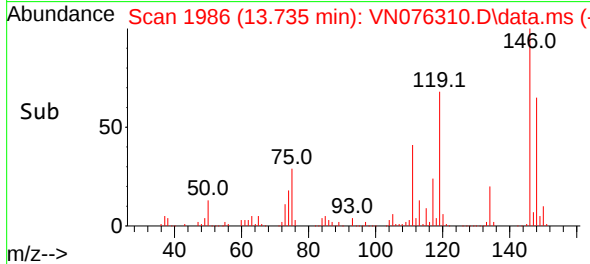
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



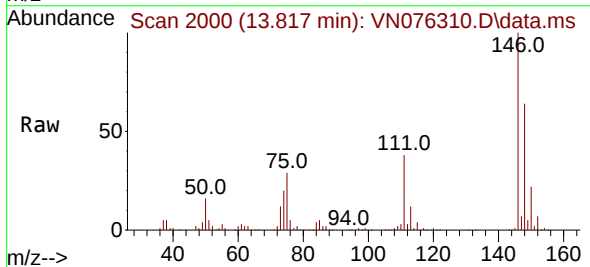
Tgt Ion:146 Resp: 463238
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.7
 148 64.5 31.6 94.8

Manual Integrations
 APPROVED

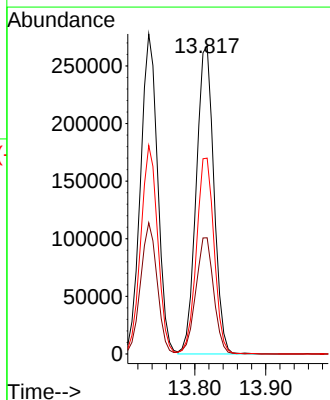
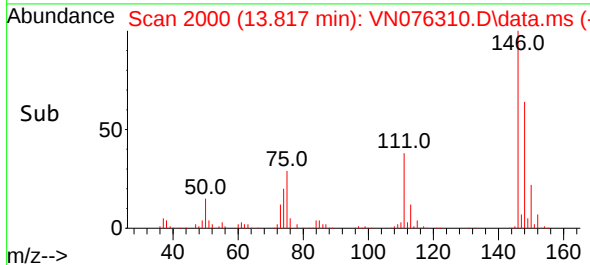
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

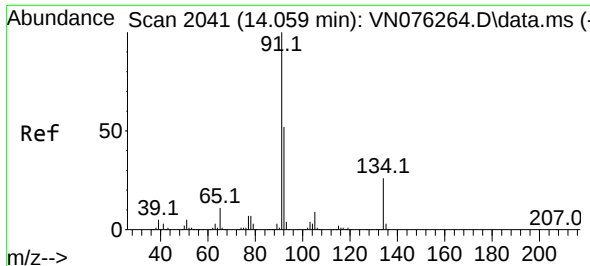


#88
 1,4-Dichlorobenzene
 Concen: 47.757 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47



Tgt Ion:146 Resp: 462264
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 63.6 31.9 95.9





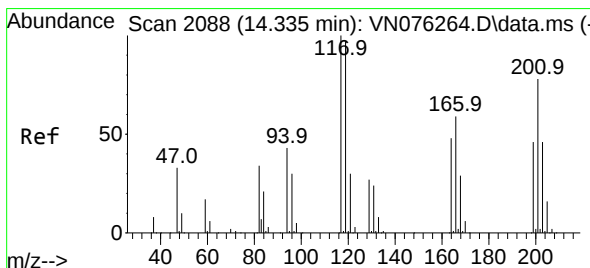
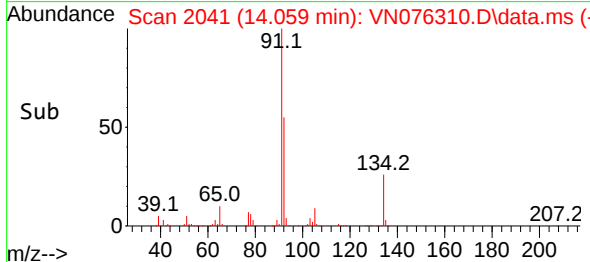
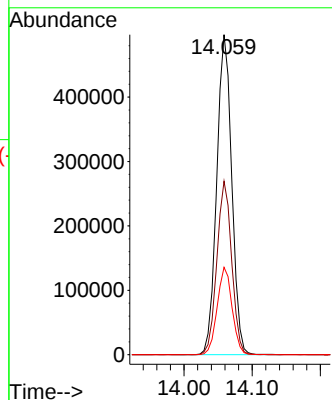
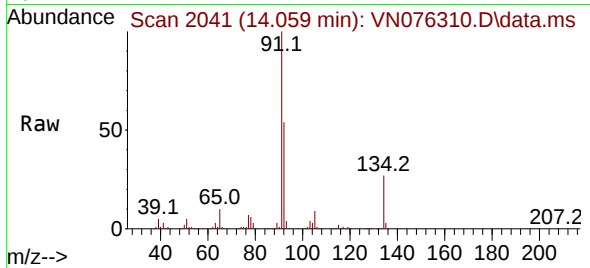
#89
n-Butylbenzene
Concen: 52.260 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 761530
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 27.1 13.2 39.5

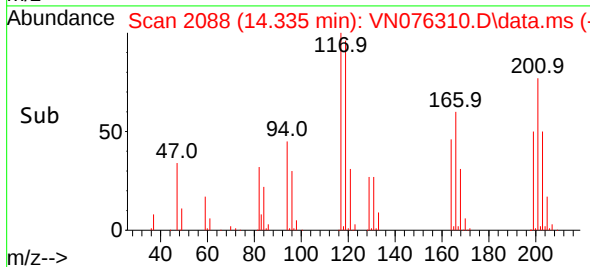
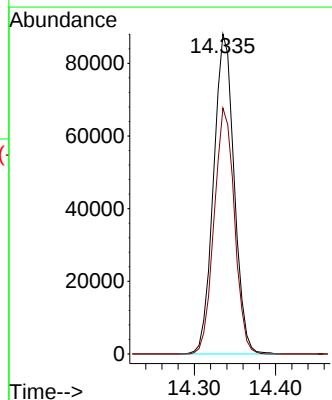
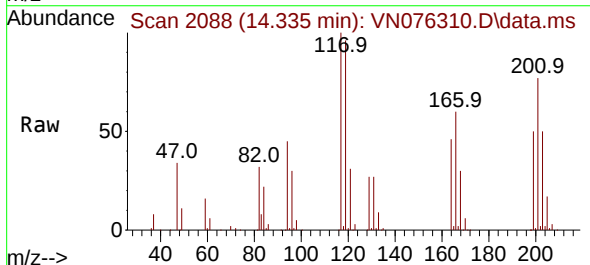
Manual Integrations
APPROVED

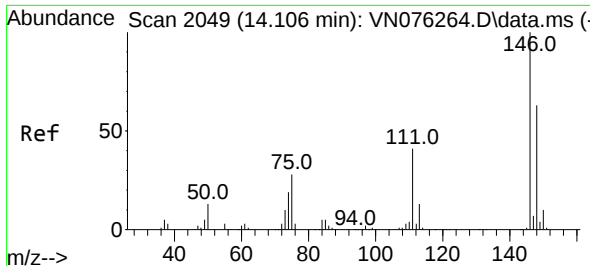
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#90
Hexachloroethane
Concen: 49.015 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

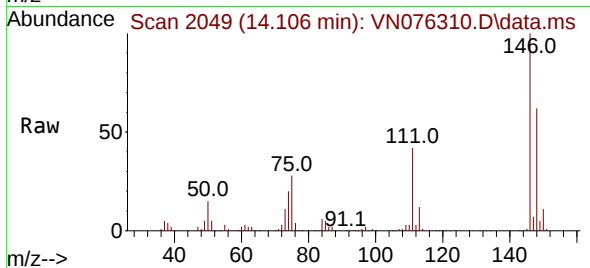
Tgt Ion:117 Resp: 155289
Ion Ratio Lower Upper
117 100
201 75.8 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 45.415 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

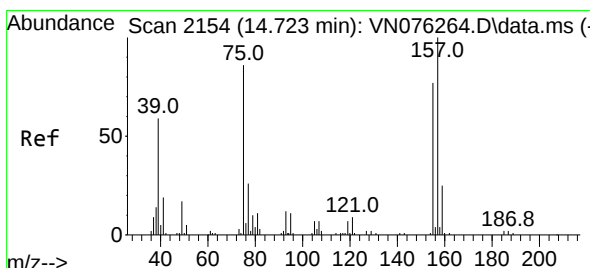
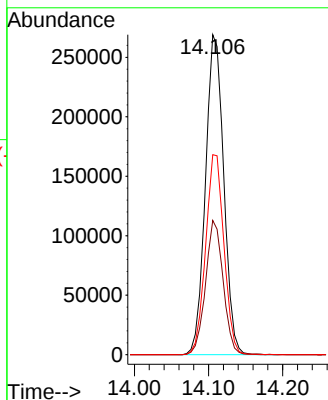
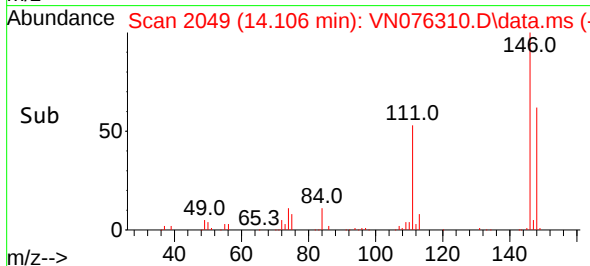
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



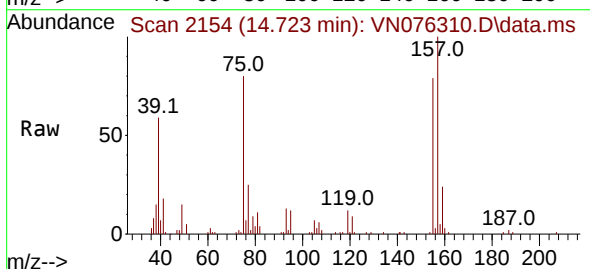
Tgt Ion:146 Resp: 460310
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 62.8 31.8 95.4

Manual Integrations
APPROVED

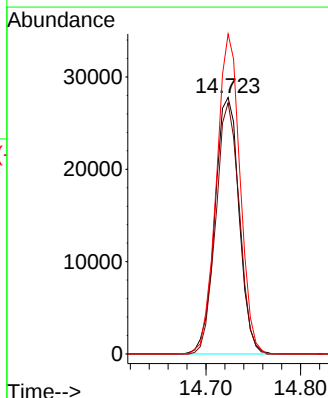
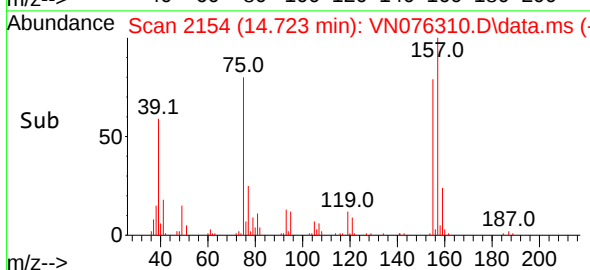
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

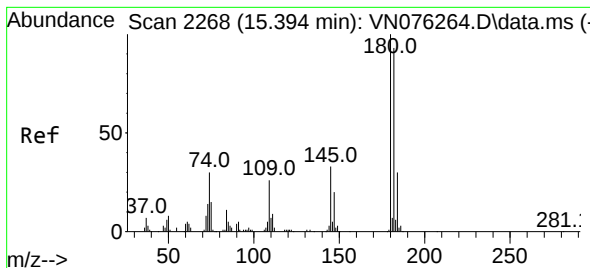


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.643 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



Tgt Ion: 75 Resp: 49244
Ion Ratio Lower Upper
75 100
155 95.0 45.0 135.0
157 121.6 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 48.380 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 23673

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

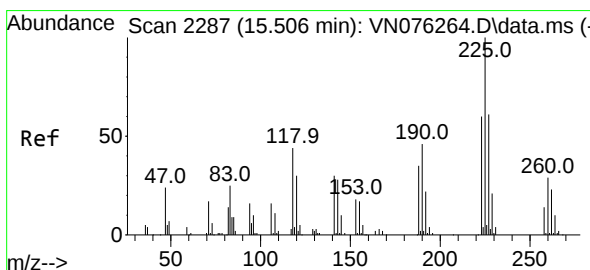
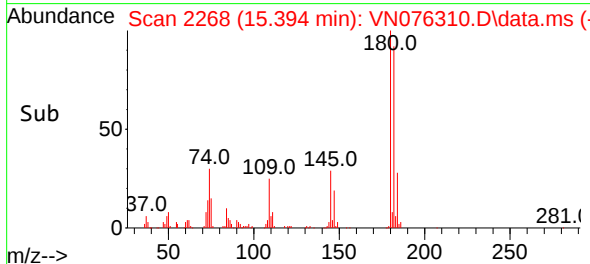
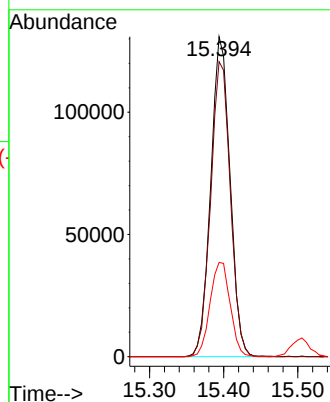
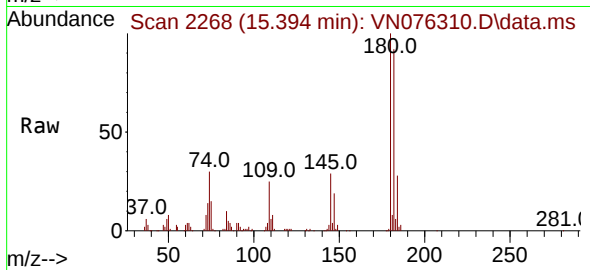
145 30.7 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#94

Hexachlorobutadiene

Concen: 46.246 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

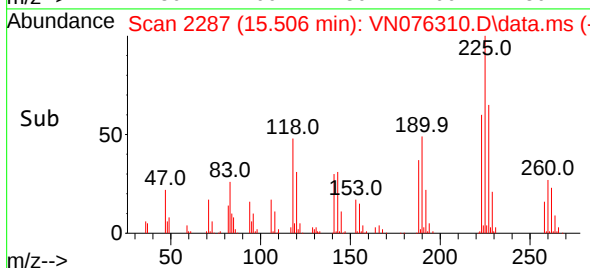
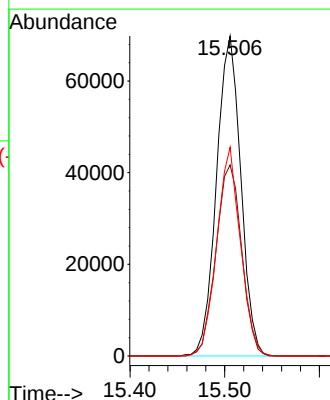
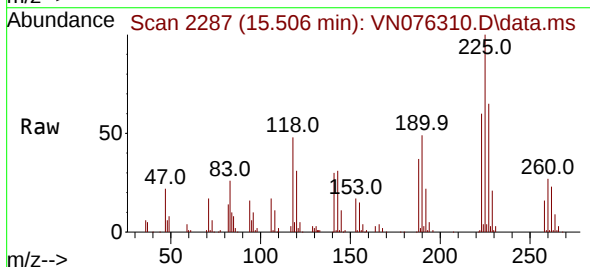
Tgt Ion:225 Resp: 124388

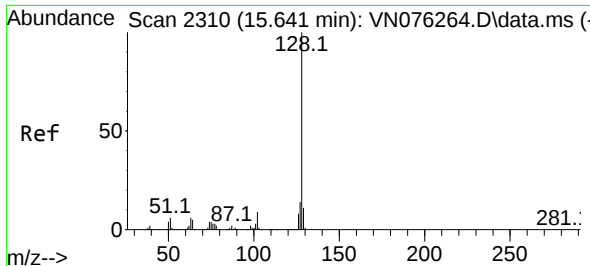
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

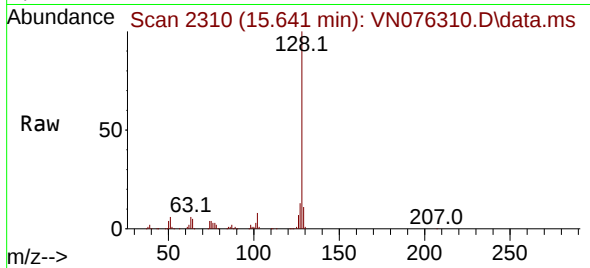
227 63.8 30.9 92.8





#95
Naphthalene
Concen: 44.672 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

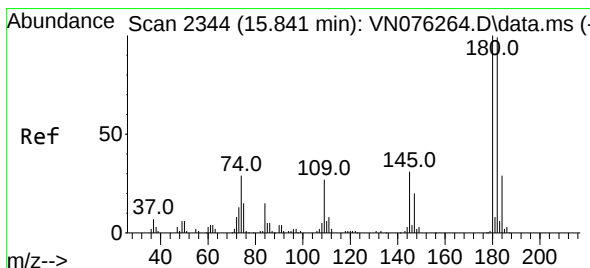
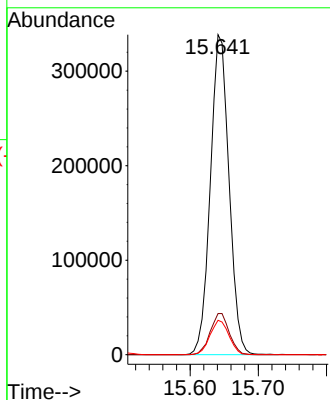
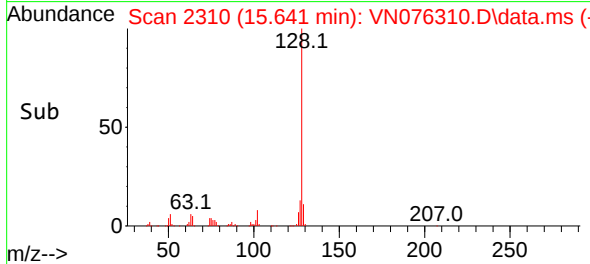
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



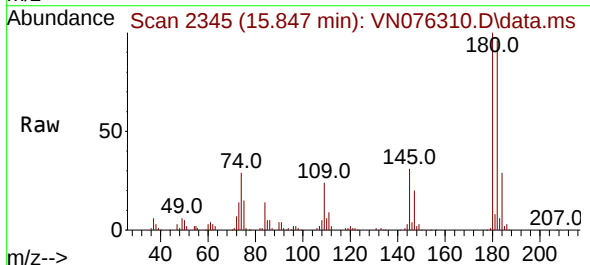
Tgt Ion:128 Resp: 644839
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.170 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47



Tgt Ion:180 Resp: 219895
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 32.6 15.9 47.6

