

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076950.D
 Acq On : 13 Mar 2023 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 14 06:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	485151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	803654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	699446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	329871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	334296	46.175	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.340%
35) Dibromofluoromethane	8.172	113	256279	47.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.572	98	964759	48.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.854	95	357650	49.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	403801	46.209	ug/l	100
3) Chloromethane	2.378	50	198013	41.874	ug/l	99
4) Vinyl Chloride	2.531	62	194981	44.421	ug/l	97
5) Bromomethane	2.954	94	143776	44.532	ug/l	94
6) Chloroethane	3.131	64	116265	41.725	ug/l	95
7) Trichlorofluoromethane	3.513	101	514885	45.208	ug/l	96
8) Diethyl Ether	3.978	74	178990	48.847	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.384	101	276056	47.442	ug/l	99
10) Methyl Iodide	4.601	142	239039	39.250	ug/l	91
11) Tert butyl alcohol	5.537	59	222864	221.287	ug/l	99
12) 1,1-Dichloroethene	4.354	96	255941	47.727	ug/l	94
13) Acrolein	4.195	56	200550	221.539	ug/l	99
14) Allyl chloride	5.042	41	408477	53.097	ug/l #	79
15) Acrylonitrile	5.731	53	642922	225.879	ug/l	100
16) Acetone	4.437	43	672621	268.113	ug/l	96
17) Carbon Disulfide	4.725	76	722049	48.607	ug/l	99
18) Methyl Acetate	5.042	43	406911	43.980	ug/l	91
19) Methyl tert-butyl Ether	5.807	73	921043	48.303	ug/l	99
20) Methylene Chloride	5.284	84	286023	44.341	ug/l	92
21) trans-1,2-Dichloroethene	5.801	96	266456	46.870	ug/l	91
22) Diisopropyl ether	6.684	45	821785	48.284	ug/l	95
23) Vinyl Acetate	6.613	43	2625306	250.480	ug/l	95
24) 1,1-Dichloroethane	6.578	63	514276	47.304	ug/l	96
25) 2-Butanone	7.489	43	836250	234.375	ug/l	89
26) 2,2-Dichloropropane	7.501	77	462428	48.065	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	308929	47.092	ug/l	87
28) Bromochloromethane	7.825	49	195112	49.613	ug/l	89
29) Tetrahydrofuran	7.842	42	506445	229.000	ug/l	87
30) Chloroform	7.972	83	537057	45.975	ug/l	98
31) Cyclohexane	8.266	56	451898	43.505	ug/l	89
32) 1,1,1-Trichloroethane	8.178	97	507209	46.313	ug/l	99
36) 1,1-Dichloropropene	8.378	75	400183	48.309	ug/l	96
37) Ethyl Acetate	7.566	43	319728	48.264	ug/l	97
38) Carbon Tetrachloride	8.366	117	456732	47.110	ug/l	96
39) Methylcyclohexane	9.607	83	504745	50.195	ug/l #	87
40) Benzene	8.613	78	1147148	46.980	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076950.D
 Acq On : 13 Mar 2023 10:10
 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 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 06:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	187150	47.476	ug/l	87
42) 1,2-Dichloroethane	8.672	62	424260	44.545	ug/l	96
43) Isopropyl Acetate	8.695	43	553501	47.331	ug/l	94
44) Trichloroethene	9.354	130	292977	46.428	ug/l	98
45) 1,2-Dichloropropane	9.625	63	284678	47.385	ug/l	96
46) Dibromomethane	9.713	93	195338	46.556	ug/l	96
47) Bromodichloromethane	9.889	83	431518	48.479	ug/l	97
48) Methyl methacrylate	9.683	41	260538	45.470	ug/l	87
49) 1,4-Dioxane	9.695	88	102897	948.400	ug/l #	85
51) 4-Methyl-2-Pentanone	10.448	43	1588864	226.174	ug/l	96
52) Toluene	10.636	92	726281	48.329	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	443743	50.004	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	479247	49.176	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	271217	46.385	ug/l	97
56) Ethyl methacrylate	10.877	69	436464	49.214	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	473205	45.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	701917	248.545	ug/l	96
59) 2-Hexanone	11.195	43	1187890	231.913	ug/l	93
60) Dibromochloromethane	11.360	129	317061	49.218	ug/l	97
61) 1,2-Dibromoethane	11.471	107	275502	47.011	ug/l	98
64) Tetrachloroethene	11.107	164	271434	47.949	ug/l	99
65) Chlorobenzene	11.895	112	736661	47.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	288874	47.297	ug/l	97
67) Ethyl Benzene	11.966	91	1412228	49.089	ug/l	96
68) m/p-Xylenes	12.071	106	1067503	98.725	ug/l	90
69) o-Xylene	12.401	106	516459	49.199	ug/l	84
70) Styrene	12.413	104	858815	50.641	ug/l #	93
71) Bromoform	12.583	173	218269	49.313	ug/l #	99
73) Isopropylbenzene	12.695	105	1392504	47.374	ug/l	95
74) N-amyl acetate	12.495	43	462587	47.532	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	362760	41.943	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	348684m	43.599	ug/l	
77) Bromobenzene	12.983	156	301475	45.879	ug/l	91
78) n-propylbenzene	13.036	91	1621432	49.537	ug/l	97
79) 2-Chlorotoluene	13.130	91	992259	46.747	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	1220475	48.744	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.742	75	125329	51.189	ug/l	92
82) 4-Chlorotoluene	13.224	91	981763	48.949	ug/l	91
83) tert-Butylbenzene	13.442	119	1016107	47.769	ug/l	91
84) 1,2,4-Trimethylbenzene	13.483	105	1206885	48.178	ug/l	92
85) sec-Butylbenzene	13.618	105	1446747	49.618	ug/l	97
86) p-Isopropyltoluene	13.730	119	1208363	51.320	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	562415	46.962	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	555966	46.278	ug/l	97
89) n-Butylbenzene	14.060	91	1031030	52.474	ug/l	98
90) Hexachloroethane	14.336	117	215878	47.715	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	551330	45.827	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	83504	43.730	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	330035	49.351	ug/l	99
94) Hexachlorobutadiene	15.507	225	179795	50.462	ug/l	99
95) Naphthalene	15.642	128	998170	50.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	318431	49.036	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076950.D
Acq On : 13 Mar 2023 10:10
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

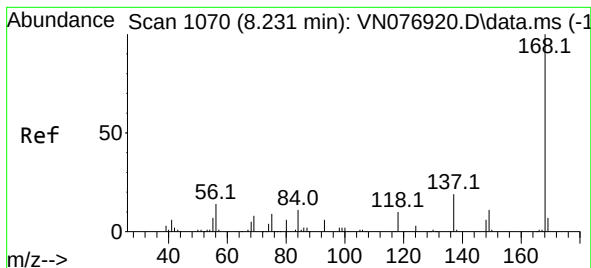
Manual Integrations
APPROVED

Reviewed By : John Carlone 03/14/2023
Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 06:57:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

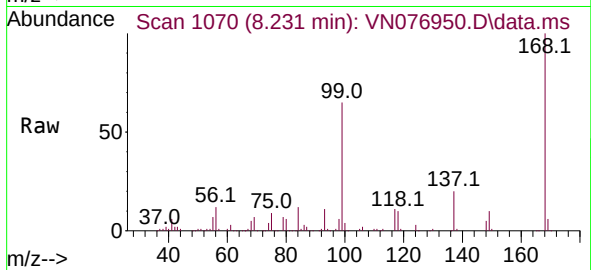
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

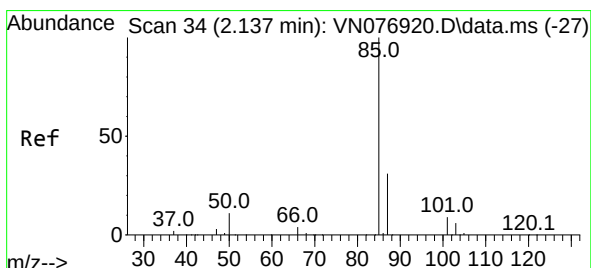
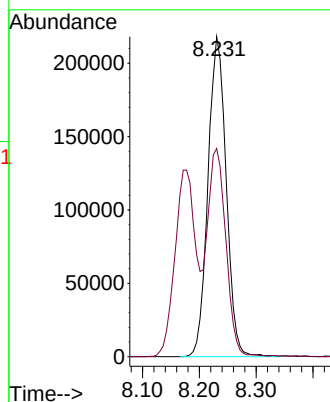
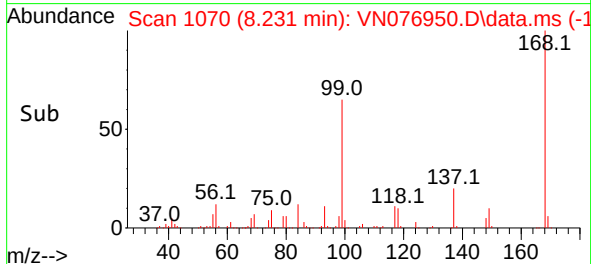
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



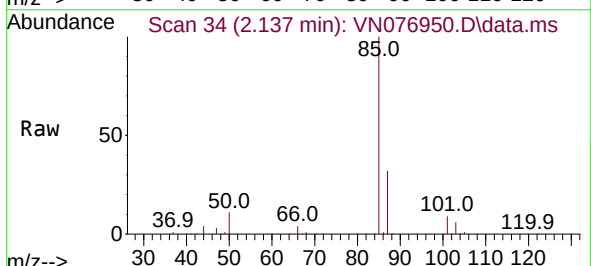
Tgt Ion:168 Resp: 48515
Ion Ratio Lower Upper
168 100
99 64.9 48.6 73.0

Manual Integrations
APPROVED

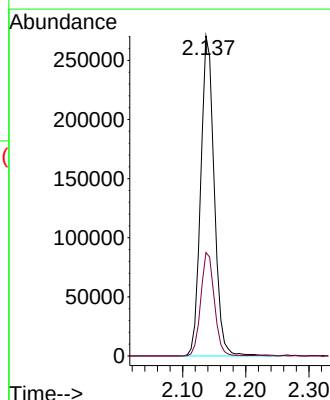
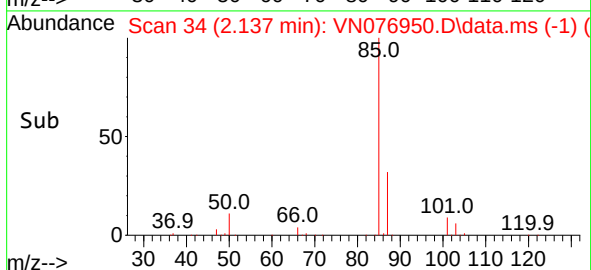
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

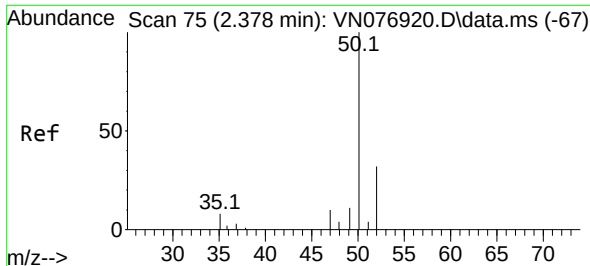


#2
Dichlorodifluoromethane
Concen: 46.209 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



Tgt Ion: 85 Resp: 403801
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





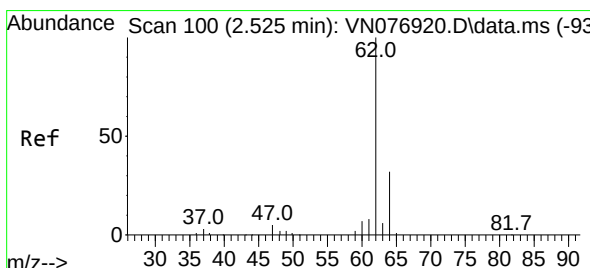
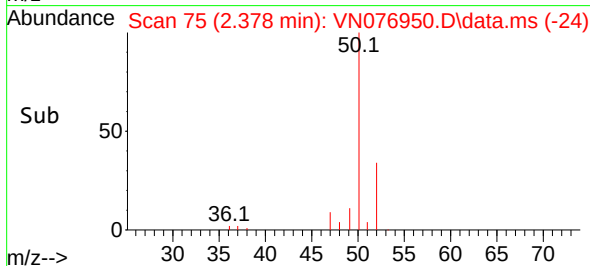
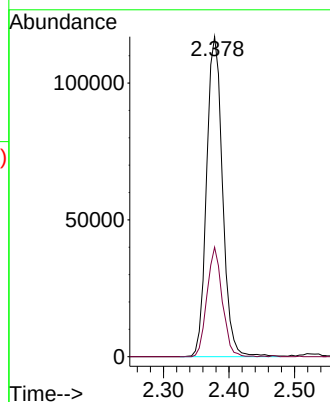
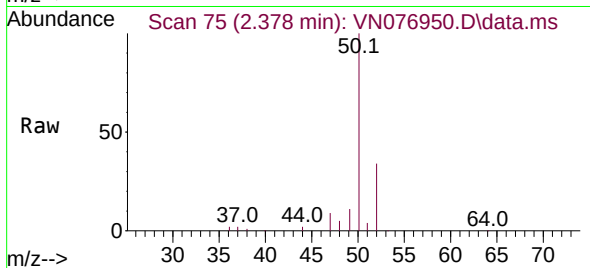
#3
Chloromethane
Concen: 41.874 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 19801
Ion Ratio Lower Upper
50 100
52 34.2 27.9 41.9

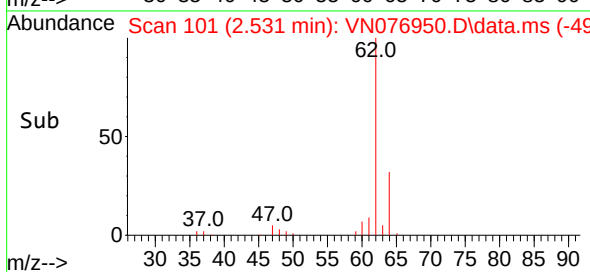
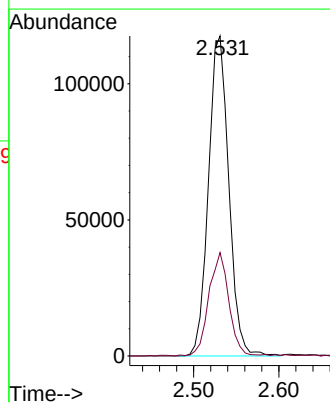
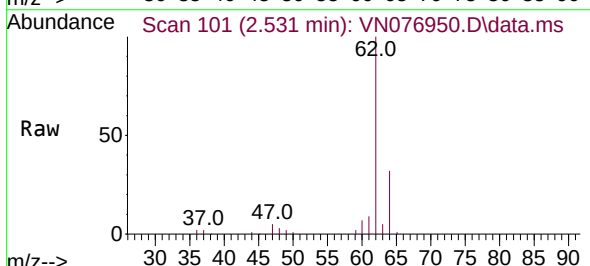
Manual Integrations
APPROVED

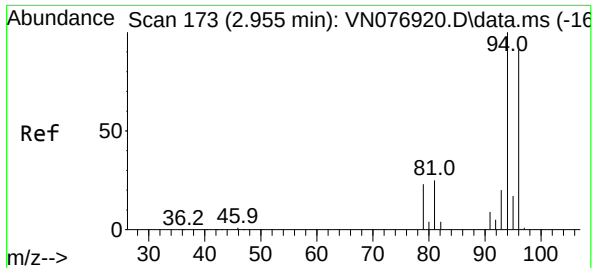
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#4
Vinyl Chloride
Concen: 44.421 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

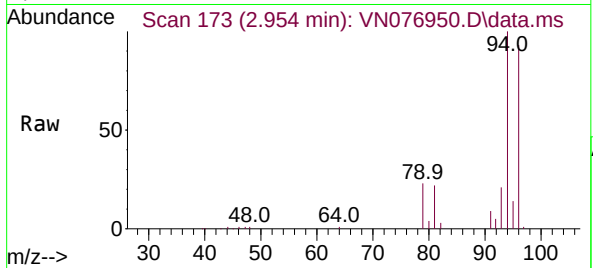
Tgt Ion: 62 Resp: 194981
Ion Ratio Lower Upper
62 100
64 32.1 24.5 36.7





#5
Bromomethane
Concen: 44.532 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

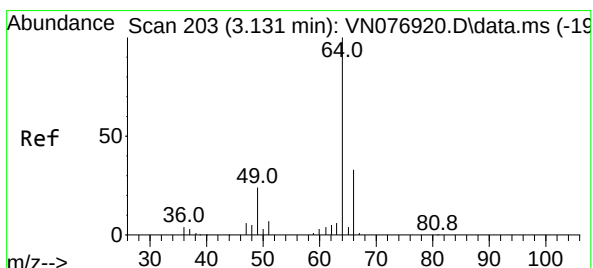
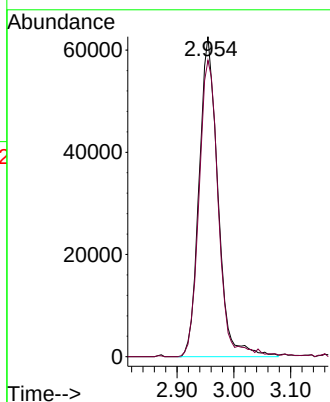
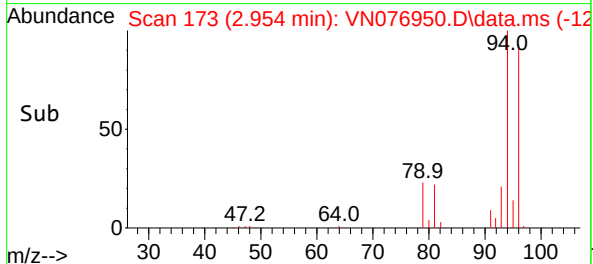
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



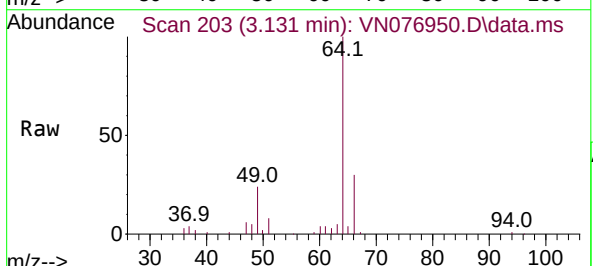
Tgt Ion: 94 Resp: 143776
Ion Ratio Lower Upper
94 100
96 92.6 79.0 118.6

Manual Integrations
APPROVED

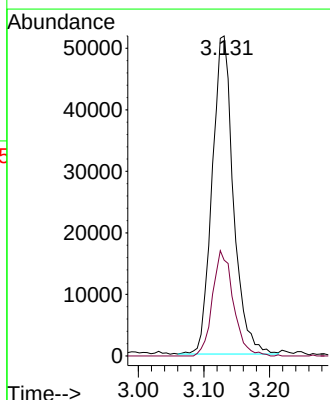
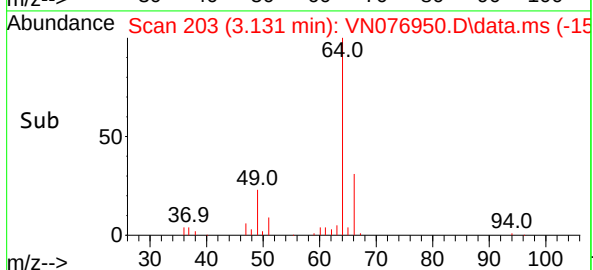
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

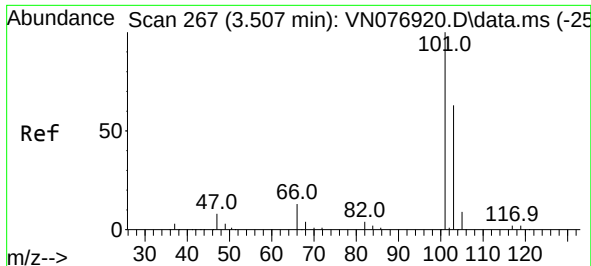


#6
Chloroethane
Concen: 41.725 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



Tgt Ion: 64 Resp: 116265
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.4





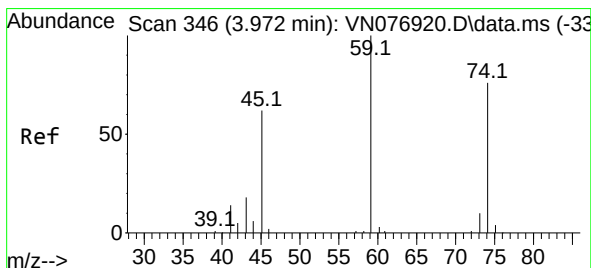
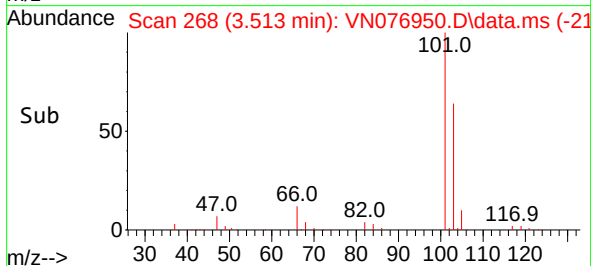
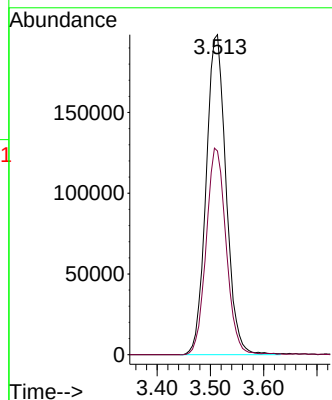
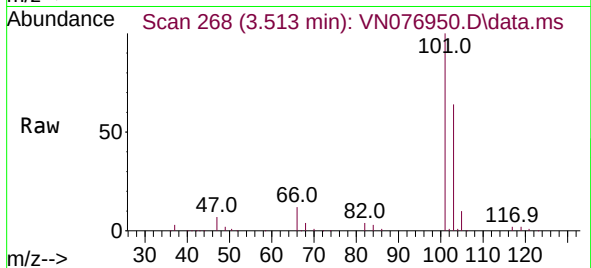
#7
Trichlorofluoromethane
Concen: 45.208 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 51488
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.0

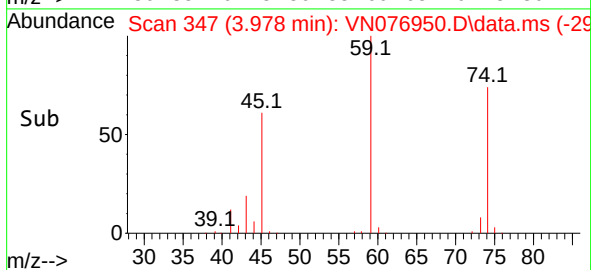
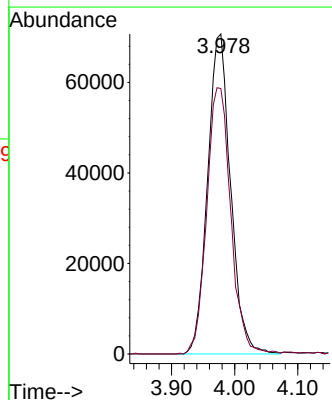
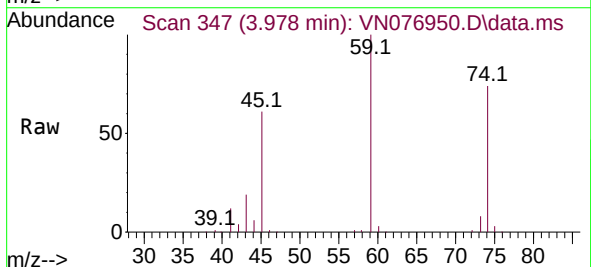
Manual Integrations
APPROVED

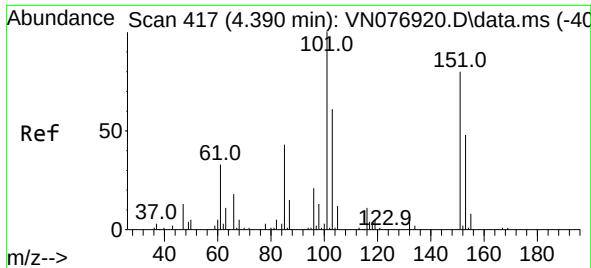
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#8
Diethyl Ether
Concen: 48.847 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion: 74 Resp: 178990
Ion Ratio Lower Upper
74 100
45 87.0 35.5 106.5





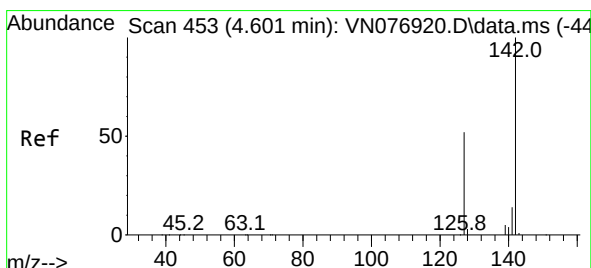
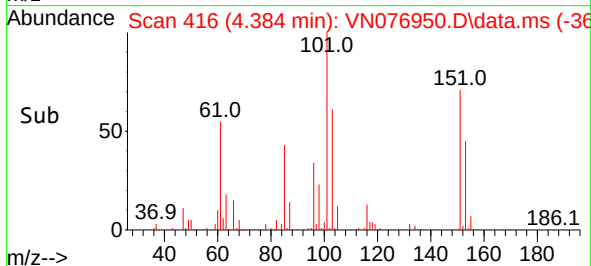
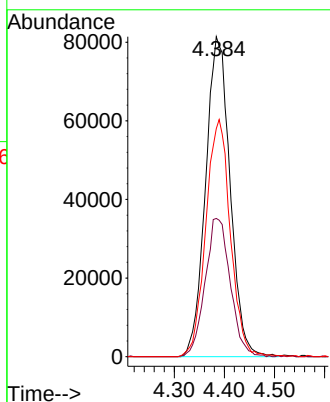
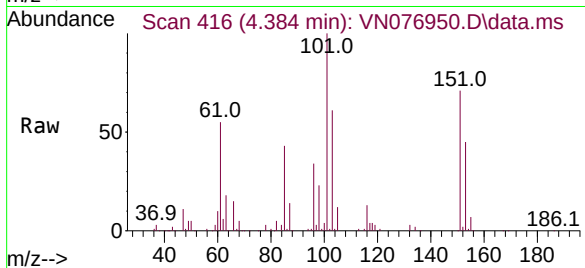
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.442 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 276050
Ion Ratio Lower Upper
101 100
85 44.3 35.2 52.8
151 74.4 58.9 88.3

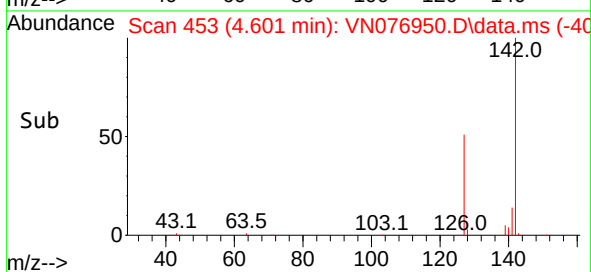
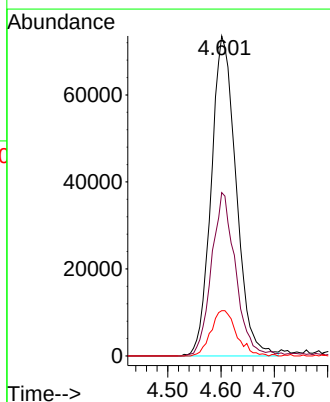
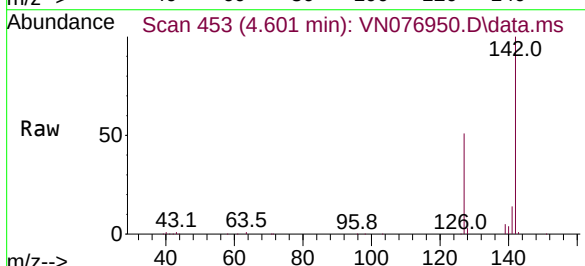
Manual Integrations
APPROVED

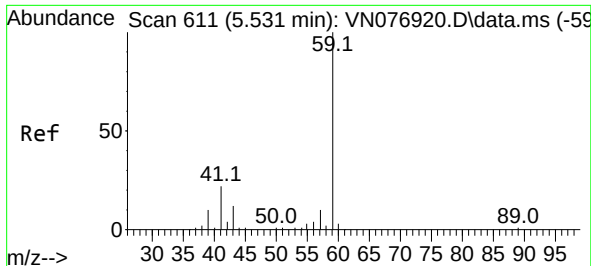
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#10
Methyl Iodide
Concen: 39.250 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

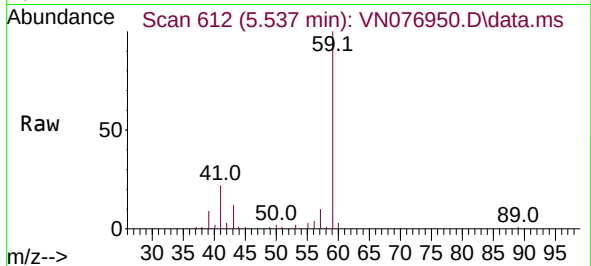
Tgt Ion:142 Resp: 239039
Ion Ratio Lower Upper
142 100
127 51.1 35.2 52.8
141 14.2 10.2 15.2





#11
Tert butyl alcohol
Concen: 221.287 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

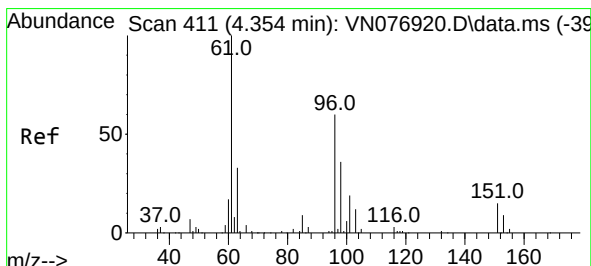
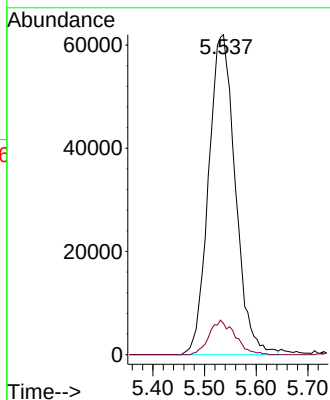
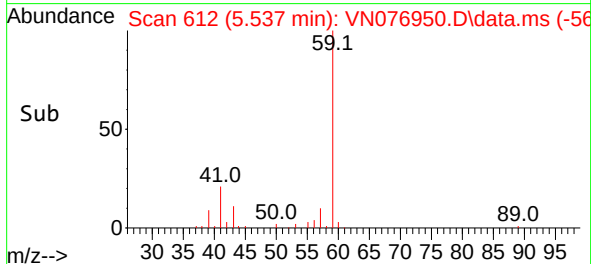
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 222864
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

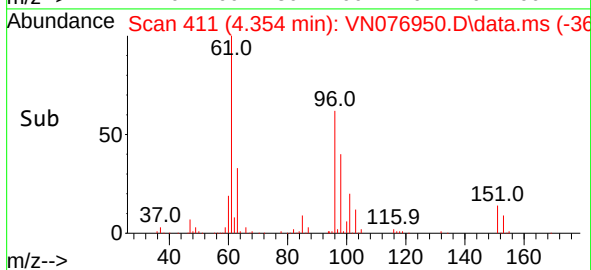
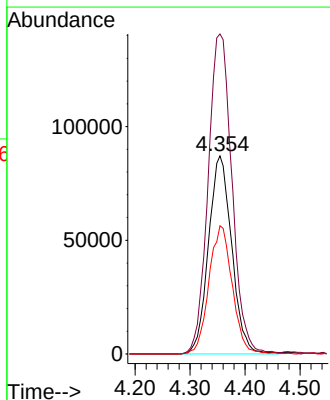
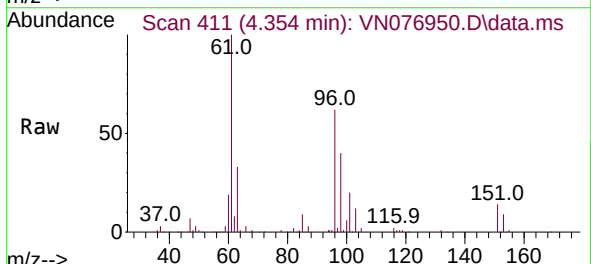
Manual Integrations
APPROVED

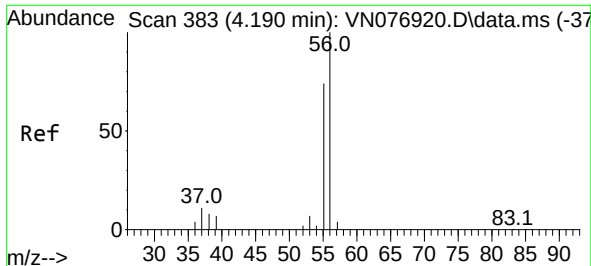
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#12
1,1-Dichloroethene
Concen: 47.727 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

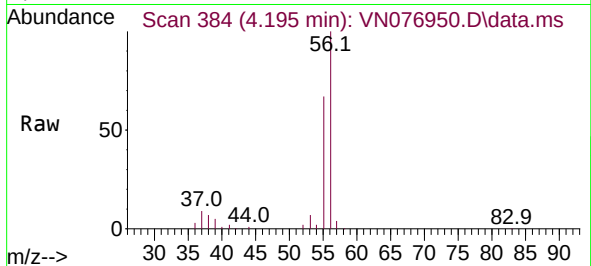
Tgt Ion: 96 Resp: 255941
Ion Ratio Lower Upper
96 100
61 161.5 121.3 181.9
98 64.7 52.1 78.1





#13
Acrolein
Concen: 221.539 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.005 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

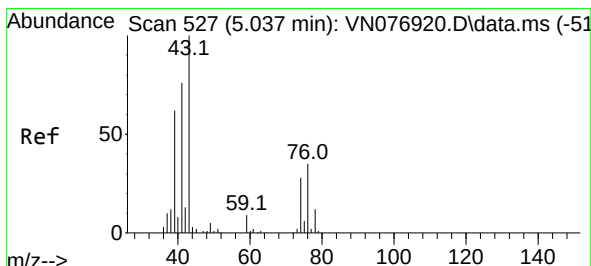
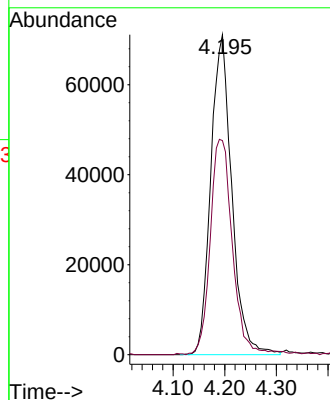
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 200550
Ion Ratio Lower Upper
56 100
55 70.3 56.7 85.1

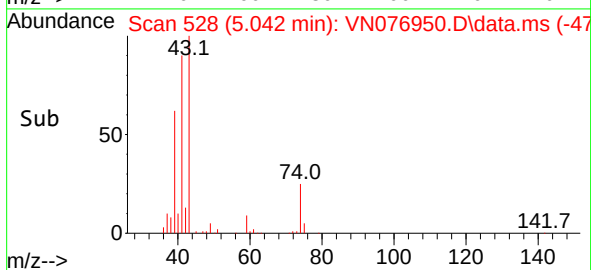
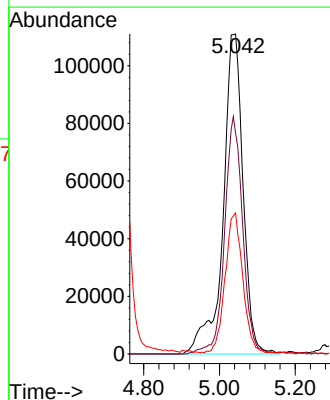
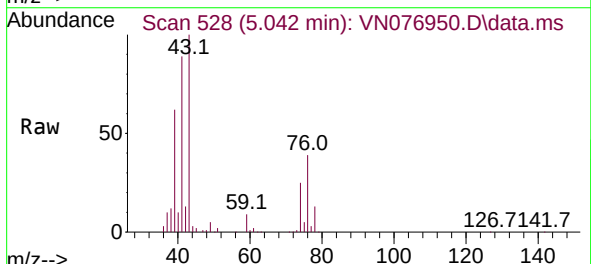
Manual Integrations
APPROVED

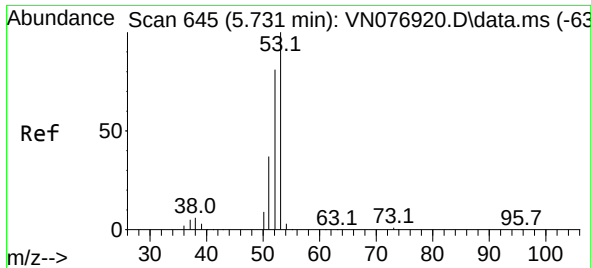
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#14
Allyl chloride
Concen: 53.097 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

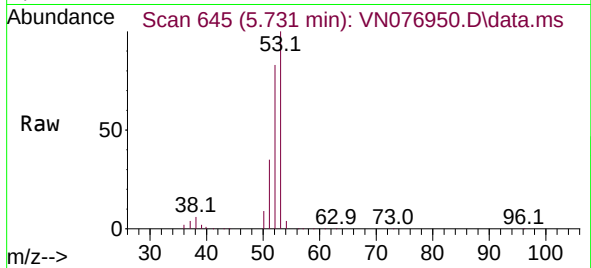
Tgt Ion: 41 Resp: 408477
Ion Ratio Lower Upper
41 100
39 66.8 68.1 102.1#
76 38.2 44.1 66.1#





#15
Acrylonitrile
Concen: 225.879 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

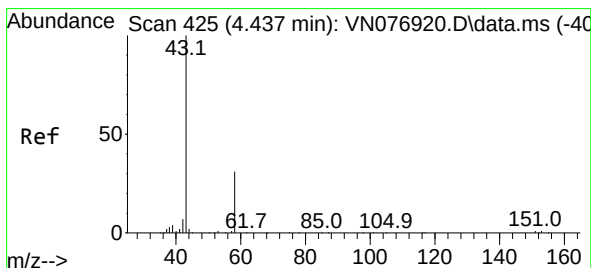
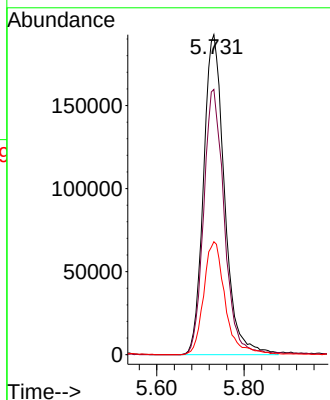
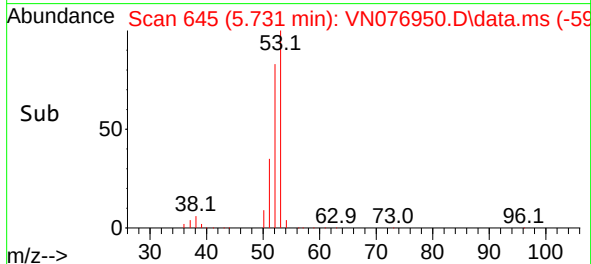
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



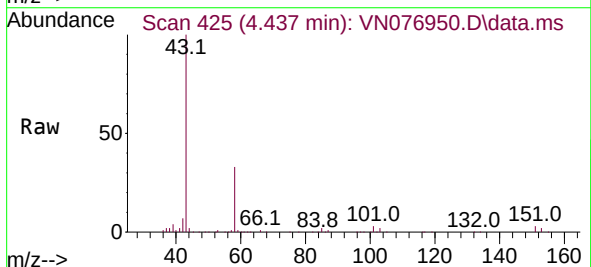
Tgt Ion: 53 Resp: 64292
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.3 28.8 43.2

Manual Integrations
APPROVED

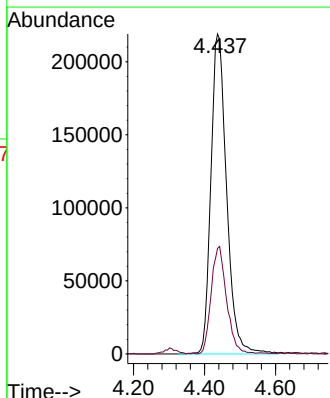
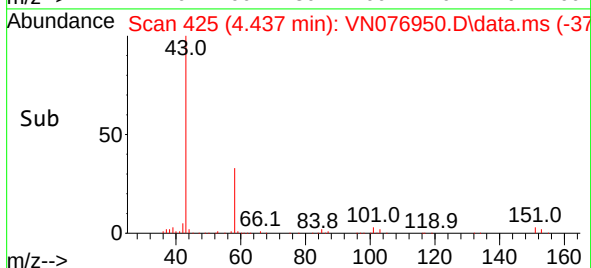
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

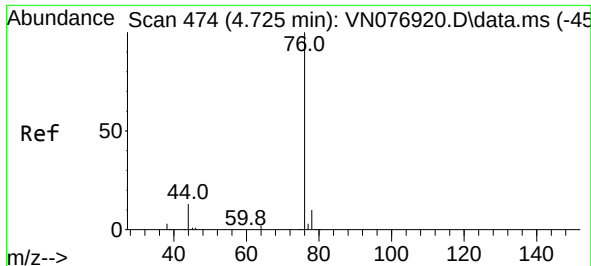


#16
Acetone
Concen: 268.113 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



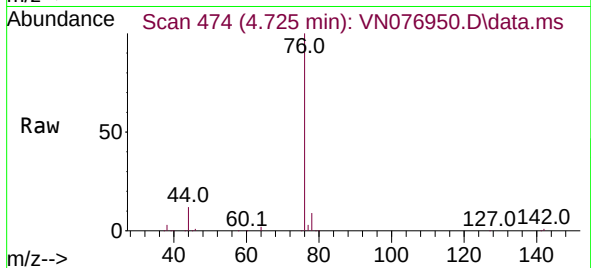
Tgt Ion: 43 Resp: 672621
Ion Ratio Lower Upper
43 100
58 32.8 28.2 42.2





#17
Carbon Disulfide
Concen: 48.607 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

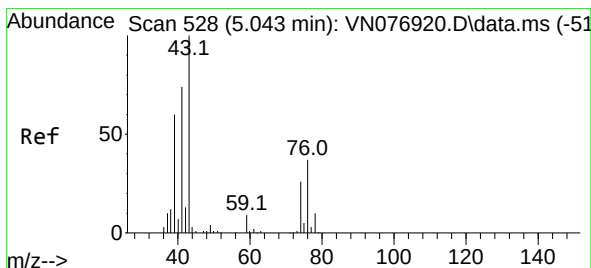
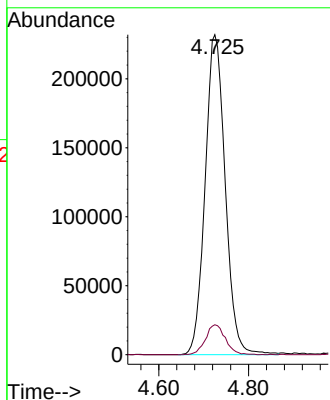
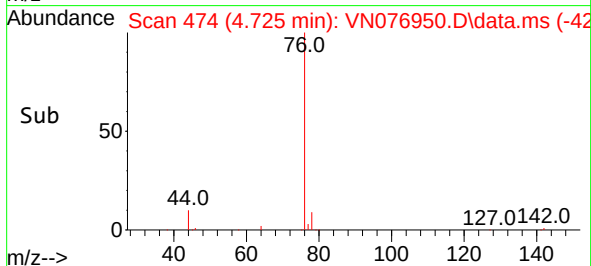
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 722049
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

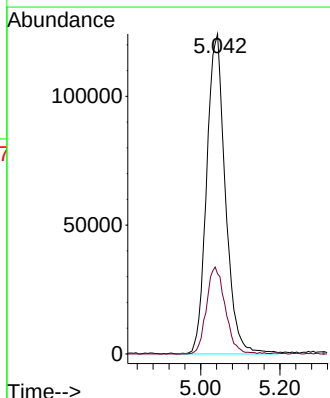
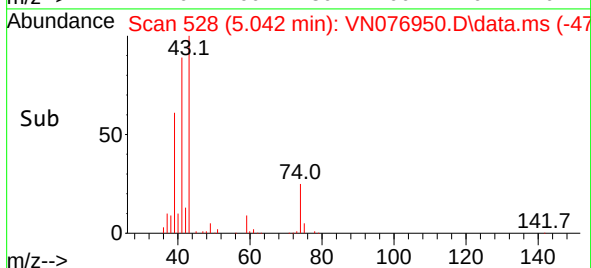
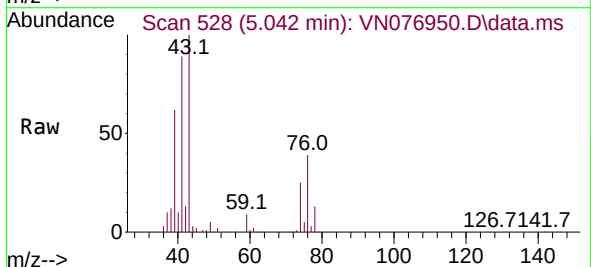
Manual Integrations
APPROVED

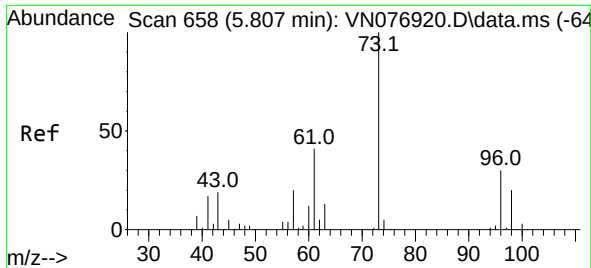
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#18
Methyl Acetate
Concen: 43.980 ug/l
RT: 5.042 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion: 43 Resp: 406911
Ion Ratio Lower Upper
43 100
74 27.3 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 48.303 ug/l
RT: 5.807 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

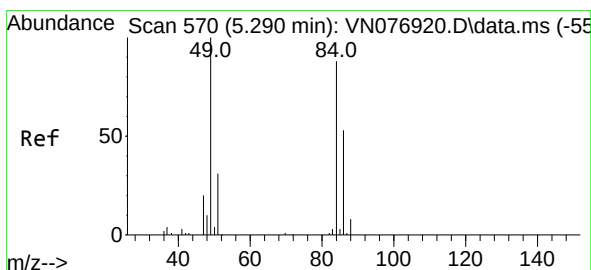
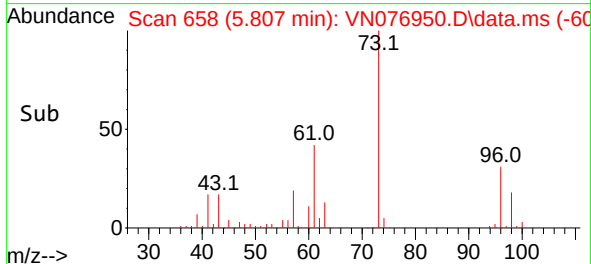
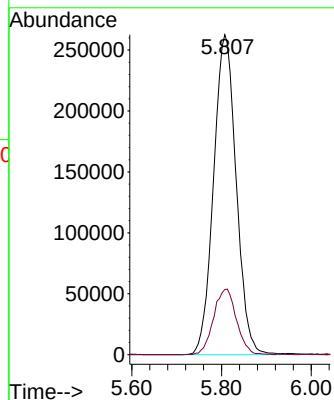
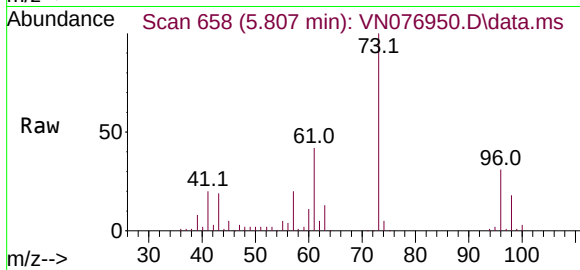
VSTDCCC050

Tgt Ion: 73 Resp: 92104
Ion Ratio Lower Upper
73 100
57 20.3 16.1 24.1

Manual Integrations

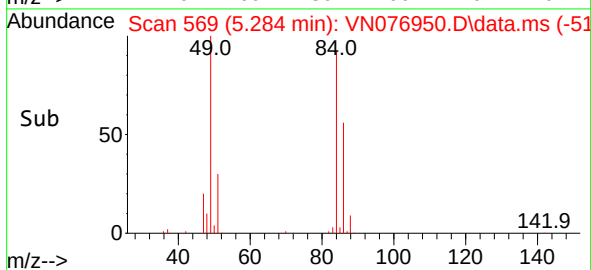
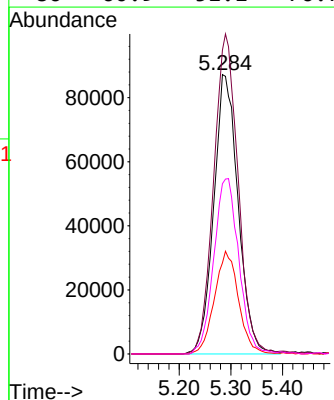
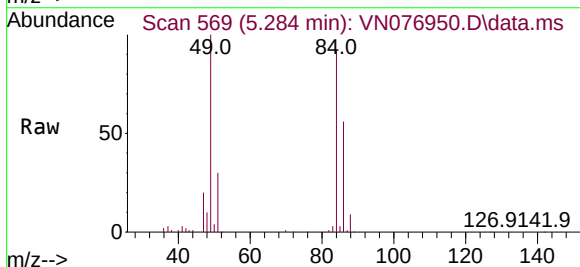
APPROVED

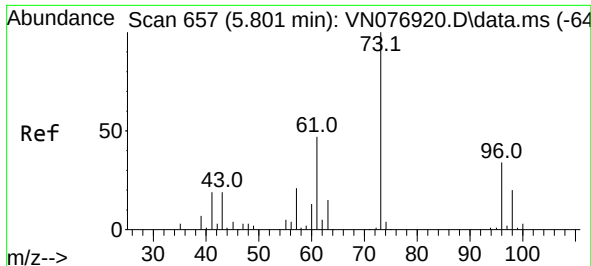
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#20
Methylene Chloride
Concen: 44.341 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

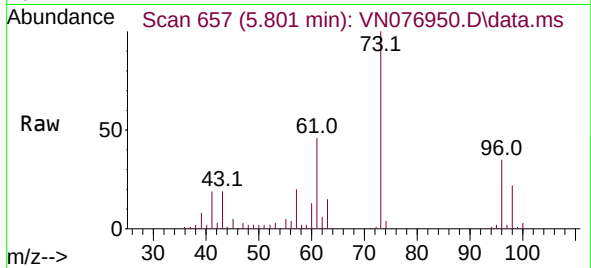
Tgt Ion: 84 Resp: 286023
Ion Ratio Lower Upper
84 100
49 108.8 76.6 114.8
51 32.6 25.4 38.2
86 60.9 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 46.870 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

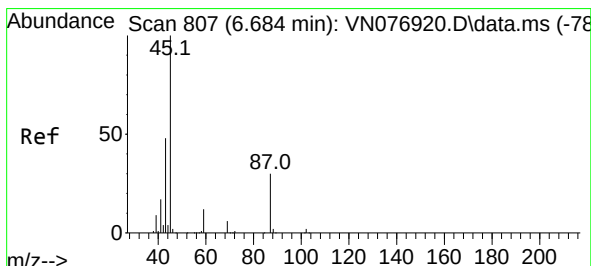
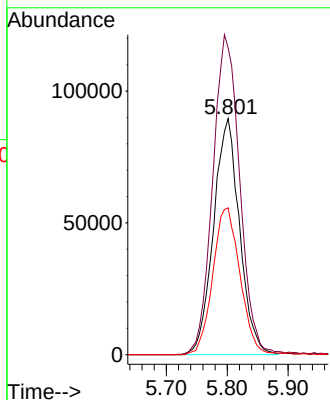
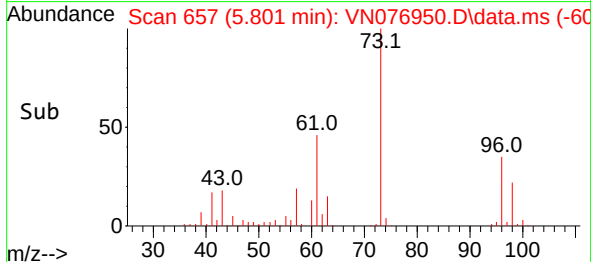
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



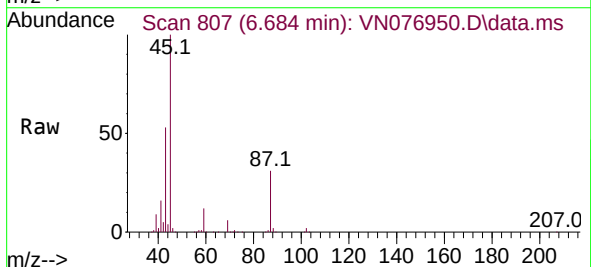
Tgt Ion: 96 Resp: 266450
Ion Ratio Lower Upper
96 100
61 129.7 95.0 142.6
98 62.2 54.5 81.7

Manual Integrations
APPROVED

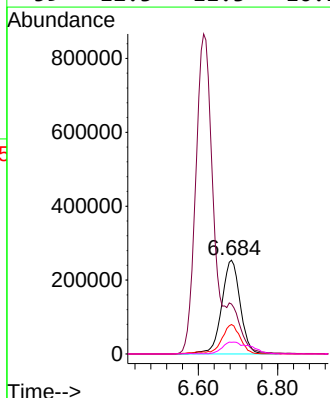
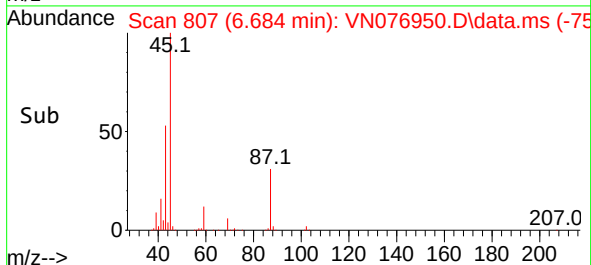
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

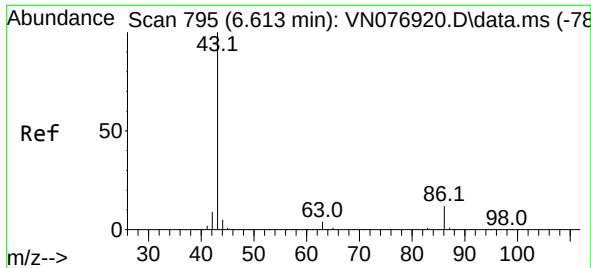


#22
Diisopropyl ether
Concen: 48.284 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



Tgt Ion: 45 Resp: 821785
Ion Ratio Lower Upper
45 100
43 52.8 42.6 63.8
87 31.0 29.7 44.5
59 12.3 11.3 16.9





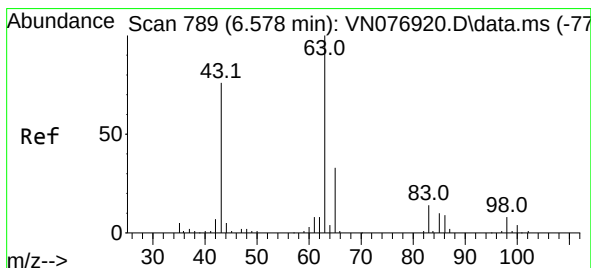
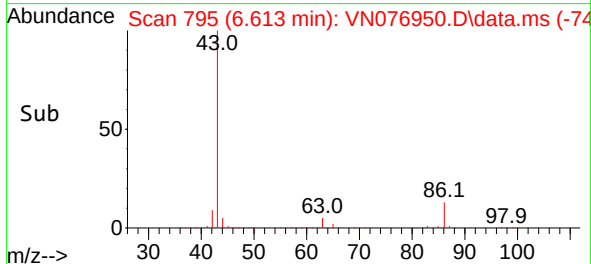
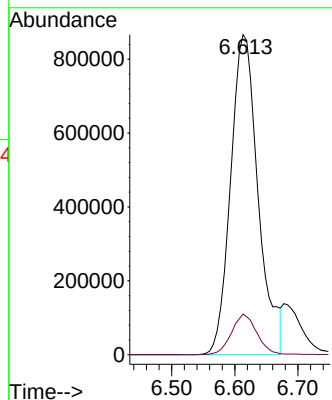
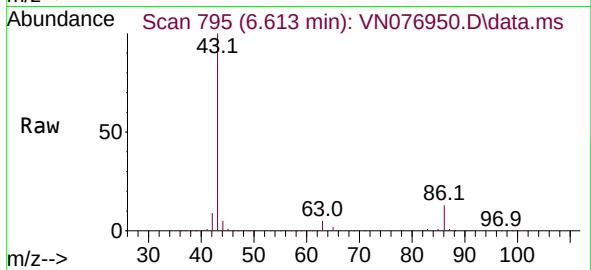
#23
 Vinyl Acetate
 Concen: 250.480 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076950.D
 Acq: 13 Mar 2023 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2625300
 Ion Ratio Lower Upper
 43 100
 86 12.7 11.8 17.6

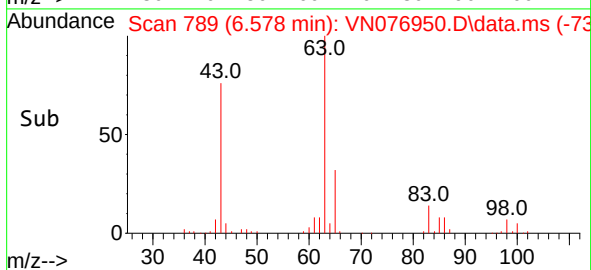
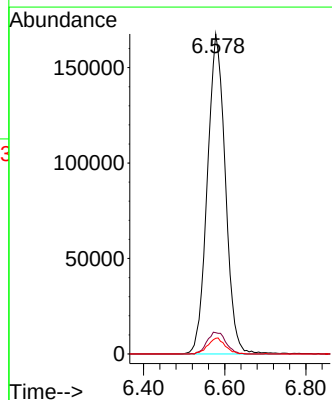
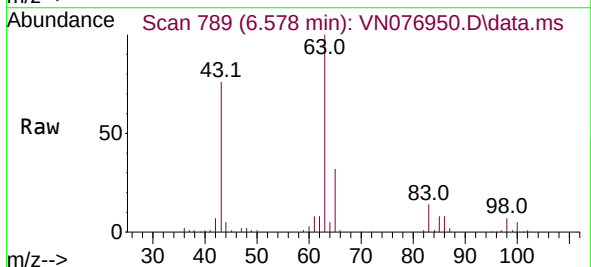
Manual Integrations
 APPROVED

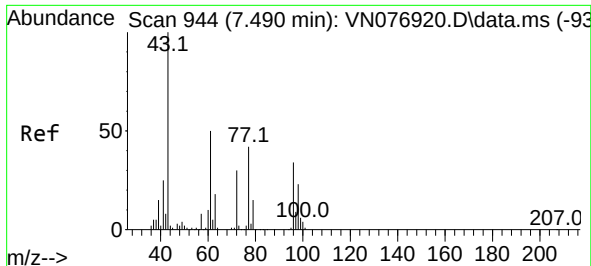
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023



#24
 1,1-Dichloroethane
 Concen: 47.304 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076950.D
 Acq: 13 Mar 2023 10:10

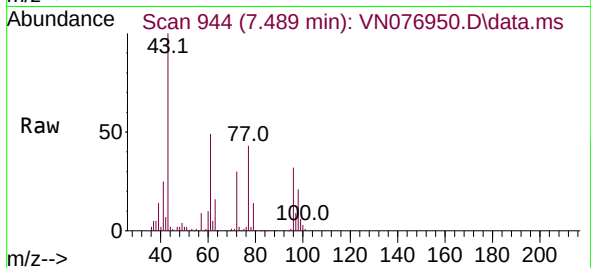
Tgt Ion: 63 Resp: 514276
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.2 12.6
 100 4.9 2.2 6.6





#25
2-Butanone
Concen: 234.375 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

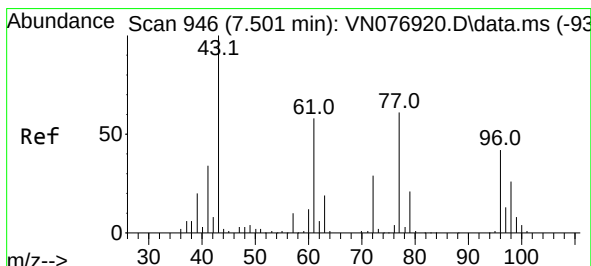
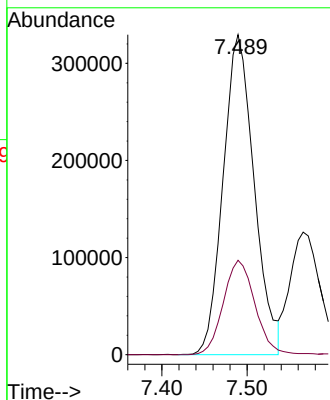
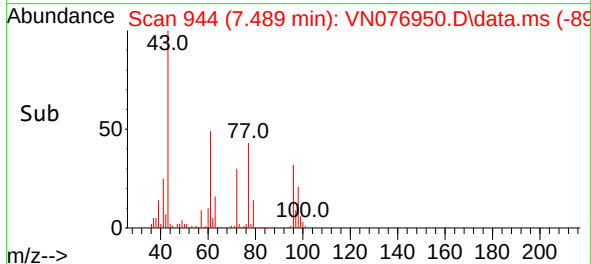
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



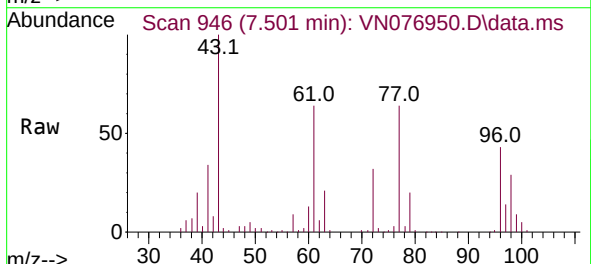
Tgt Ion: 43 Resp: 836250
Ion Ratio Lower Upper
43 100
72 29.5 28.8 43.2

Manual Integrations
APPROVED

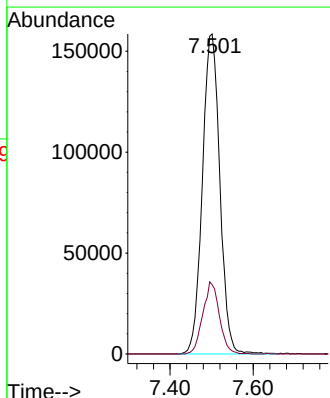
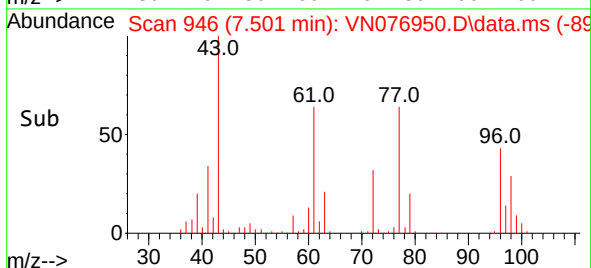
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

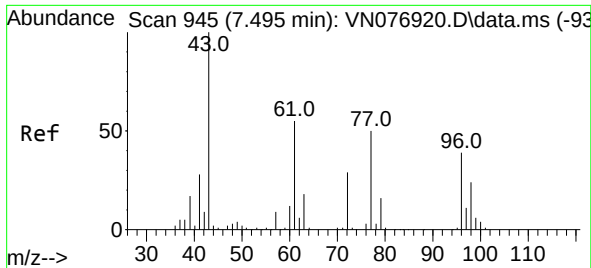


#26
2,2-Dichloropropane
Concen: 48.065 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



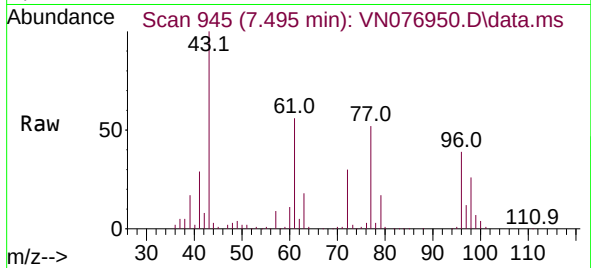
Tgt Ion: 77 Resp: 462428
Ion Ratio Lower Upper
77 100
97 21.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 47.092 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076950.D
 Acq: 13 Mar 2023 10:10

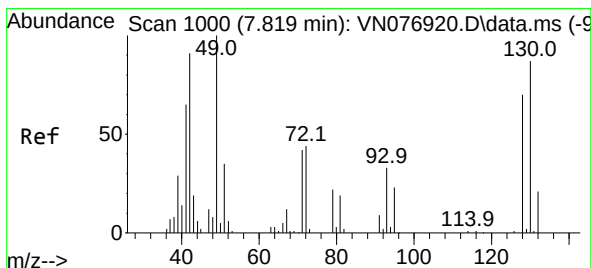
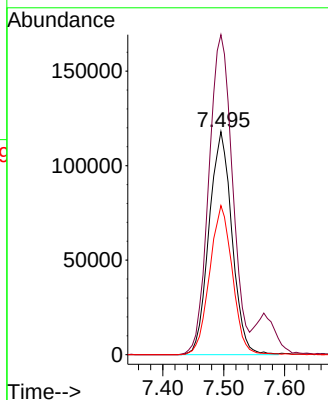
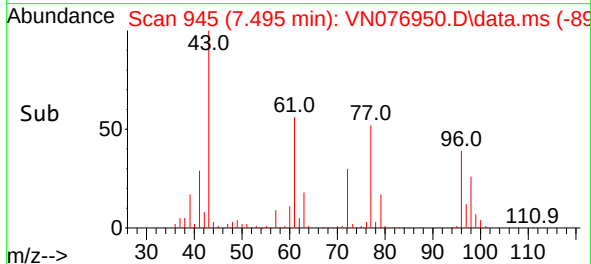
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 308929
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 255.6
 98 66.3 0.0 127.4

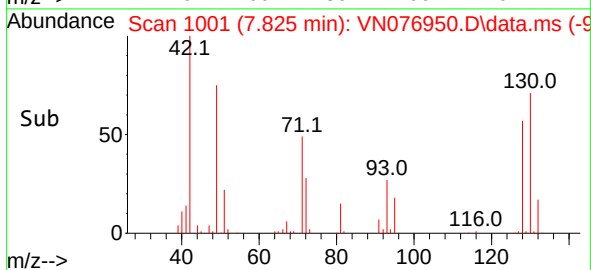
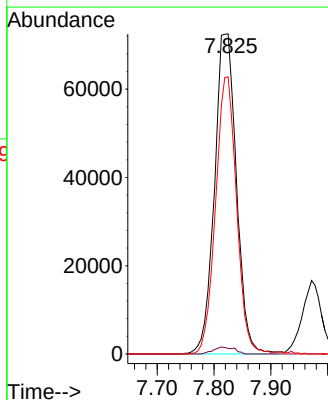
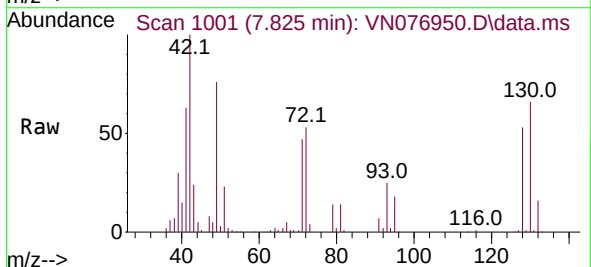
Manual Integrations
 APPROVED

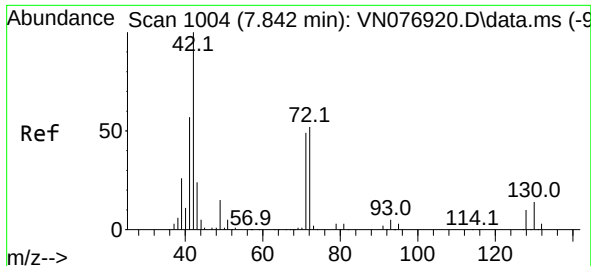
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023



#28
 Bromochloromethane
 Concen: 49.613 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076950.D
 Acq: 13 Mar 2023 10:10

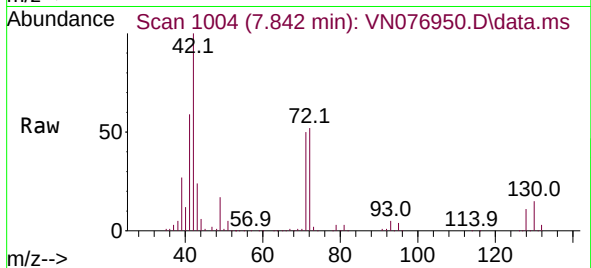
Tgt Ion: 49 Resp: 195112
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.5 74.8 112.2





#29
Tetrahydrofuran
Concen: 229.000 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

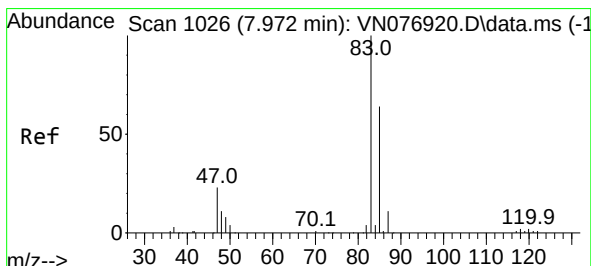
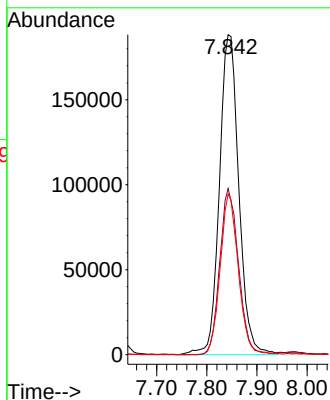
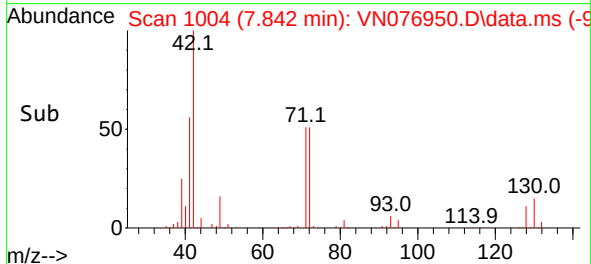
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 506445
Ion Ratio Lower Upper
42 100
72 50.1 48.6 73.0
71 47.0 45.1 67.7

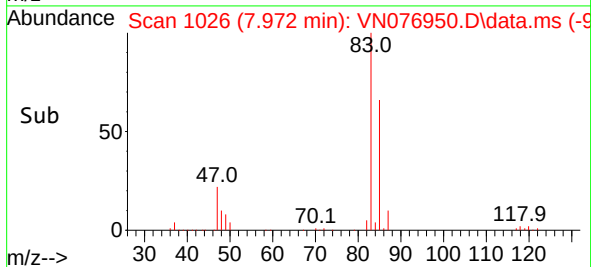
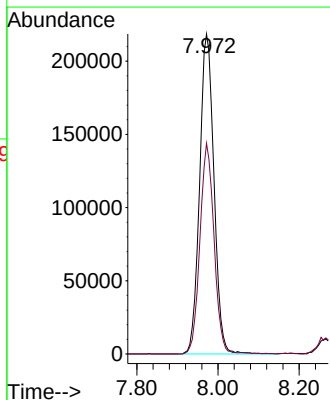
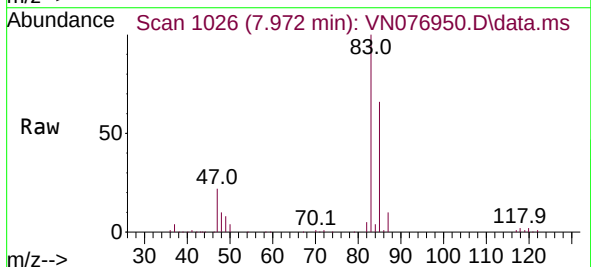
Manual Integrations
APPROVED

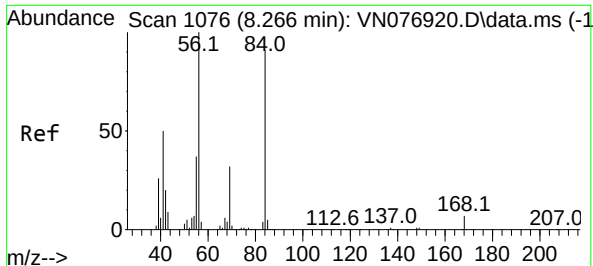
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#30
Chloroform
Concen: 45.975 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

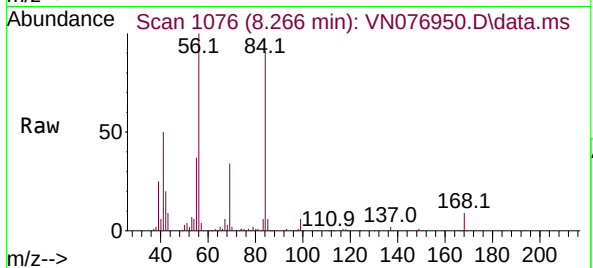
Tgt Ion: 83 Resp: 537057
Ion Ratio Lower Upper
83 100
85 65.9 51.3 76.9





#31
Cyclohexane
Concen: 43.505 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

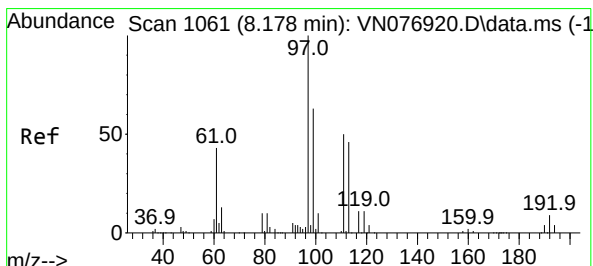
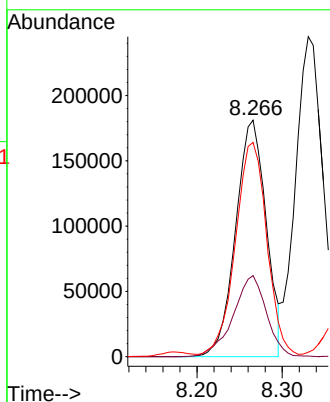
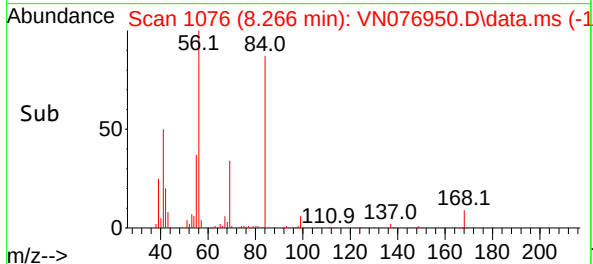
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 451898
Ion Ratio Lower Upper
56 100
69 34.3 27.0 40.6
84 88.7 82.9 124.3

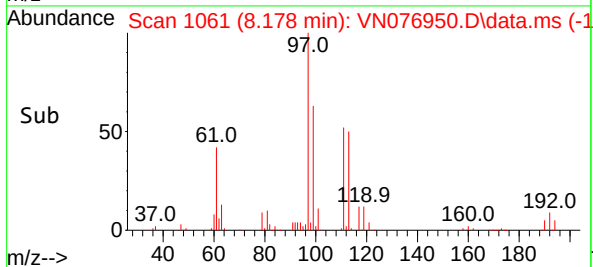
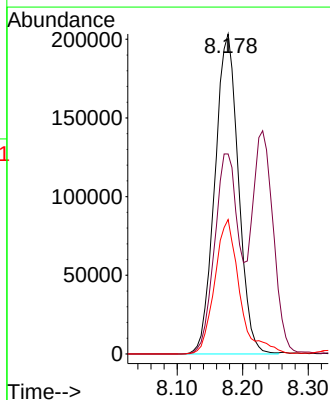
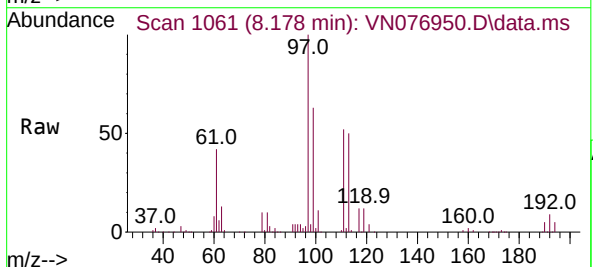
Manual Integrations
APPROVED

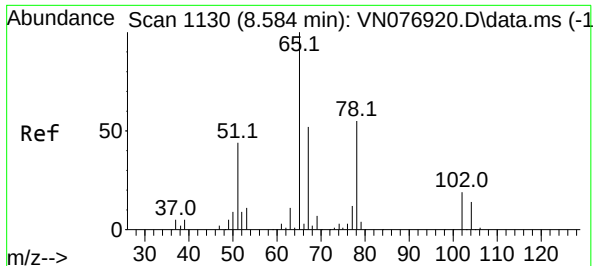
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#32
1,1,1-Trichloroethane
Concen: 46.313 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion: 97 Resp: 507209
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 44.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 46.175 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 334290

Ion Ratio Lower Upper

65 100

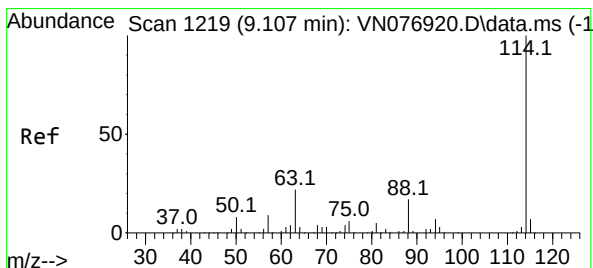
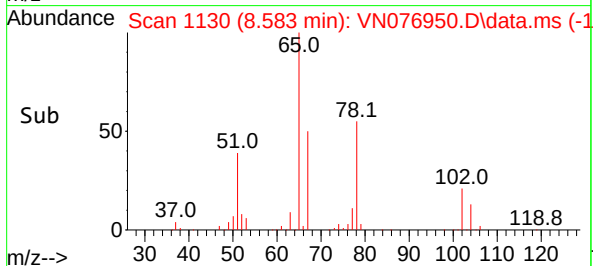
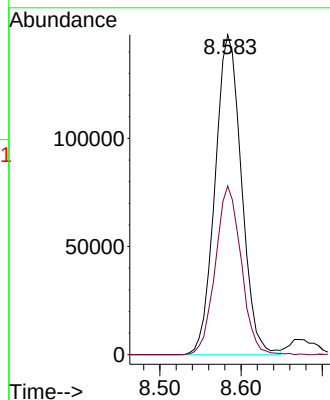
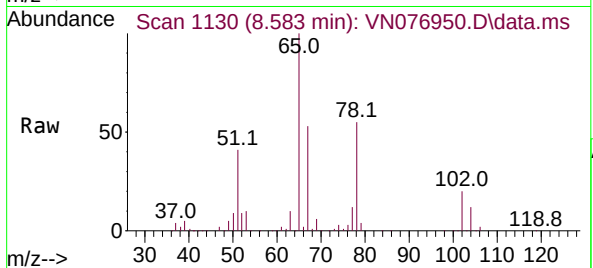
67 51.5 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

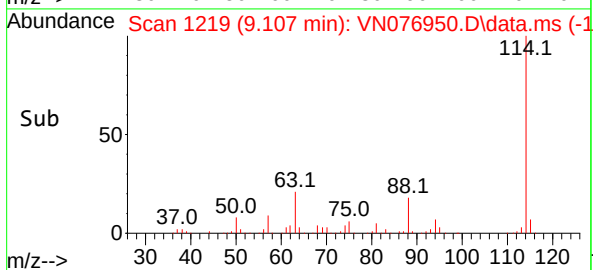
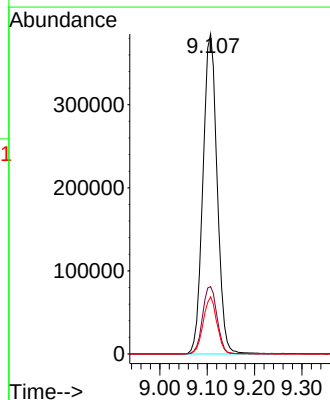
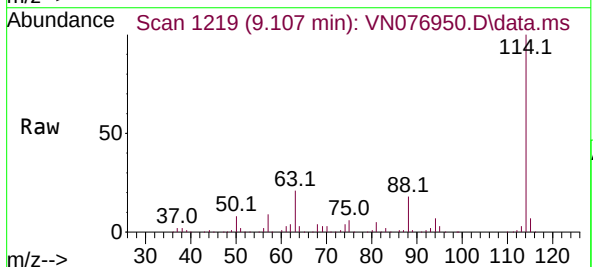
Tgt Ion:114 Resp: 803654

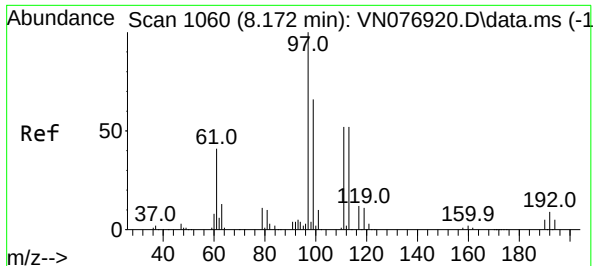
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

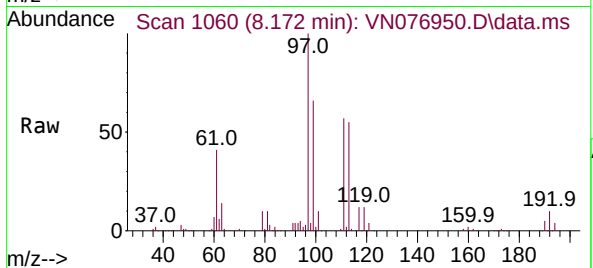
88 17.9 0.0 28.6





#35
Dibromofluoromethane
Concen: 47.848 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

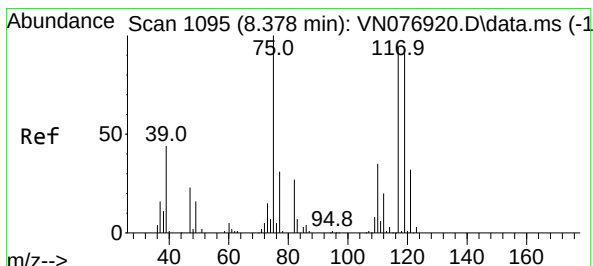
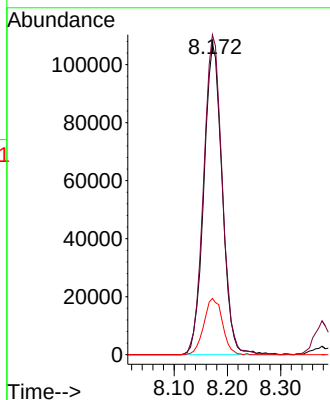
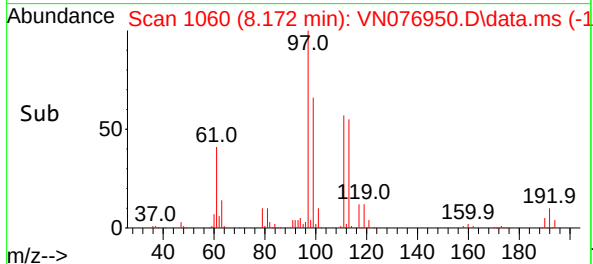
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 256279
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.8
192 18.3 13.9 20.9

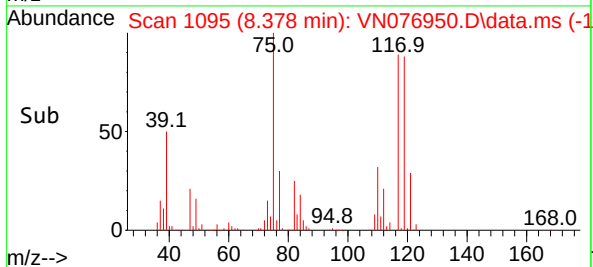
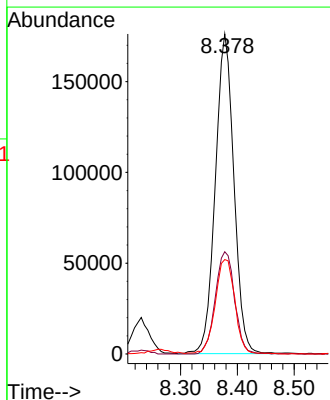
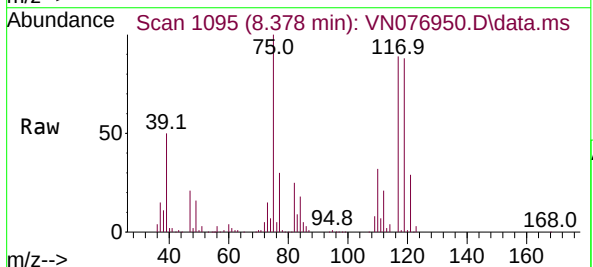
Manual Integrations
APPROVED

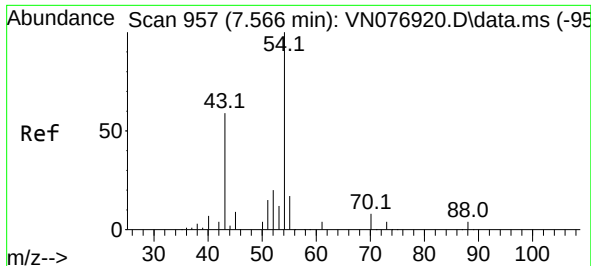
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#36
1,1-Dichloropropene
Concen: 48.309 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

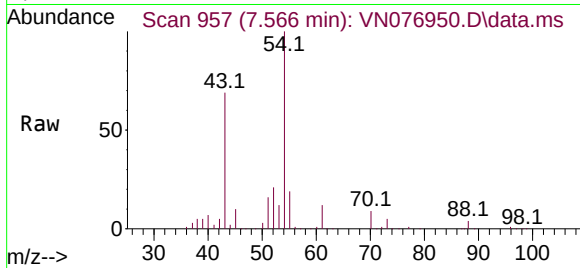
Tgt Ion: 75 Resp: 400183
Ion Ratio Lower Upper
75 100
110 33.2 18.9 56.9
77 31.4 24.9 37.3





#37
Ethyl Acetate
Concen: 48.264 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

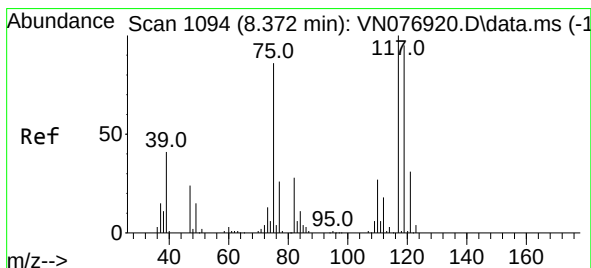
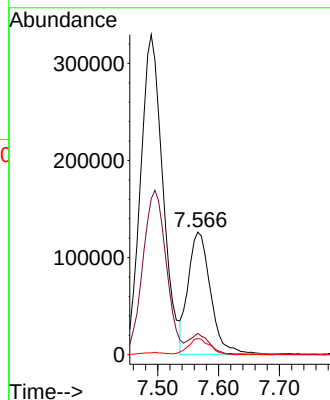
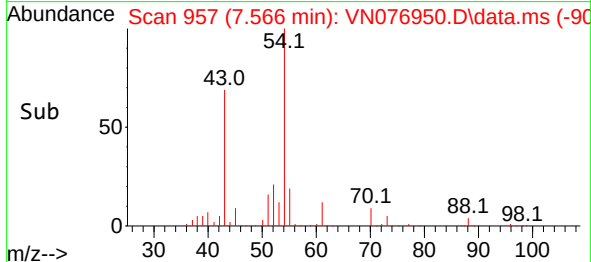
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 319728
Ion Ratio Lower Upper
43 100
61 15.7 13.5 20.3
70 12.8 11.0 16.6

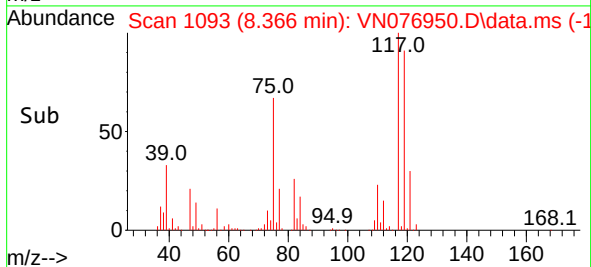
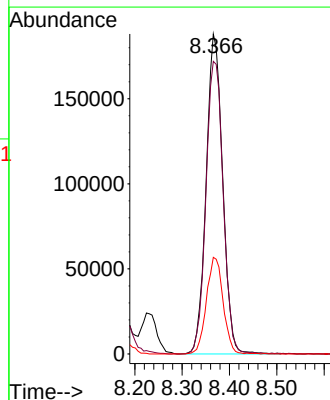
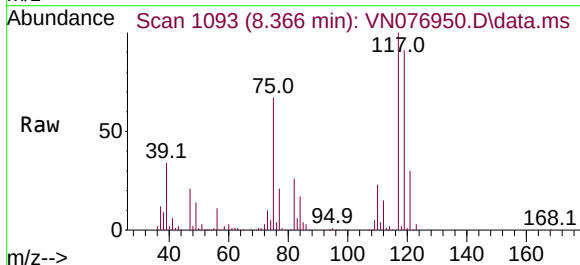
Manual Integrations
APPROVED

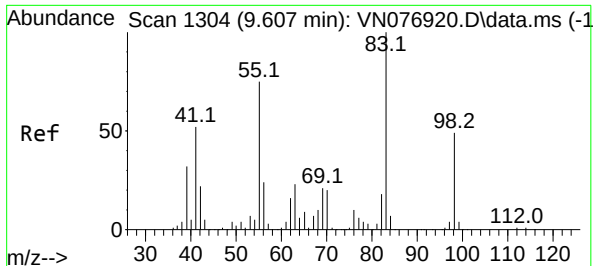
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#38
Carbon Tetrachloride
Concen: 47.110 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion:117 Resp: 456732
Ion Ratio Lower Upper
117 100
119 91.5 76.9 115.3
121 30.2 23.2 34.8





#39

Methylcyclohexane

Concen: 50.195 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

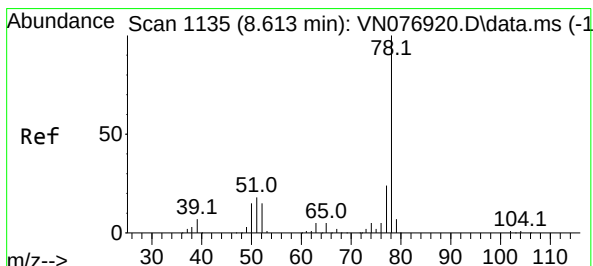
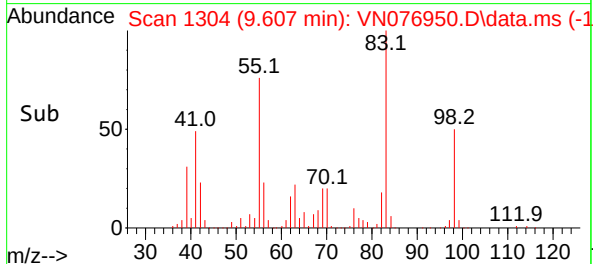
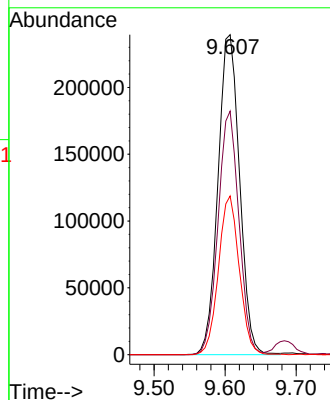
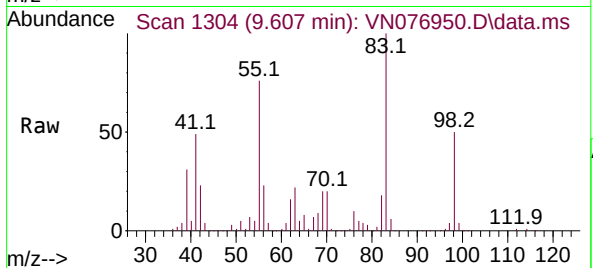
Tgt Ion: 83 Resp: 504745
 Ion Ratio Lower Upper
 83 100
 55 76.1 47.0 70.4
 98 49.6 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#40

Benzene

Concen: 46.980 ug/l

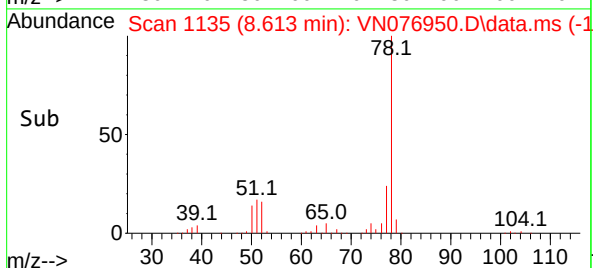
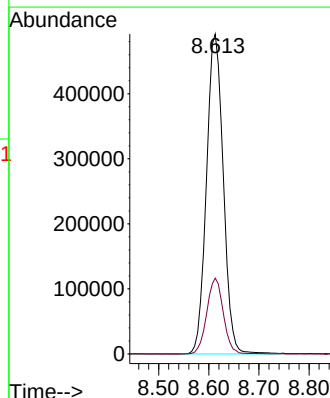
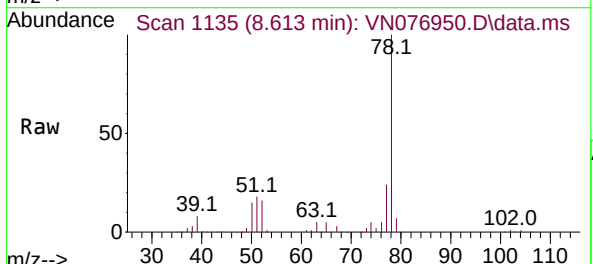
RT: 8.613 min Scan# 1135

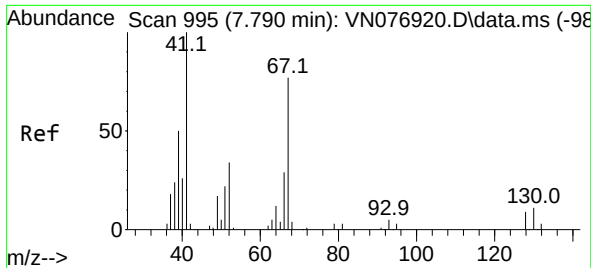
Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

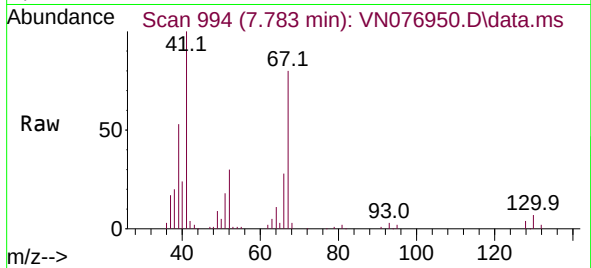
Tgt Ion: 78 Resp: 1147148
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 47.476 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.007 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

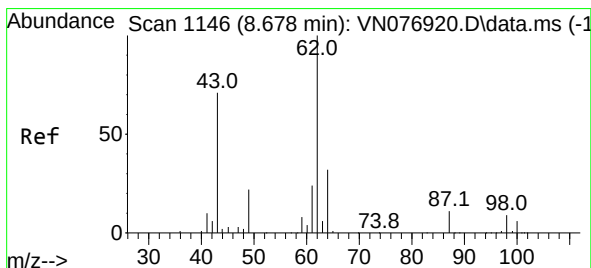
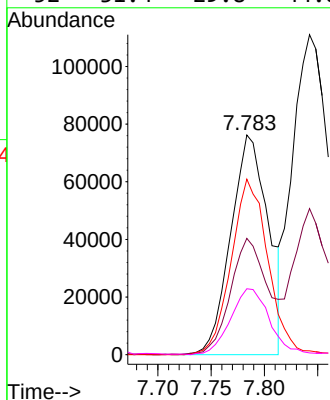
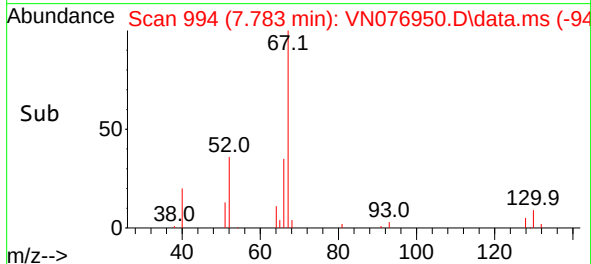
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 187150
Ion Ratio Lower Upper
41 100
39 52.3 43.4 65.0
67 79.1 78.6 118.0
52 31.4 29.8 44.8

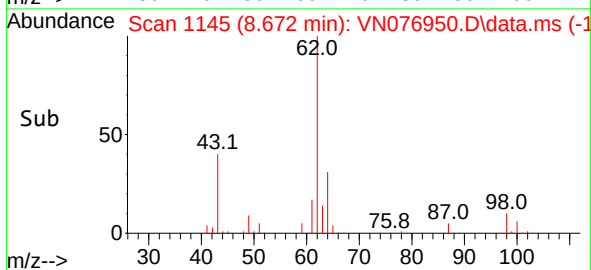
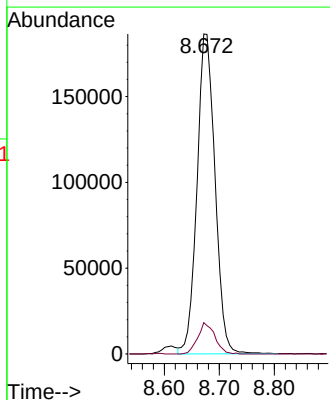
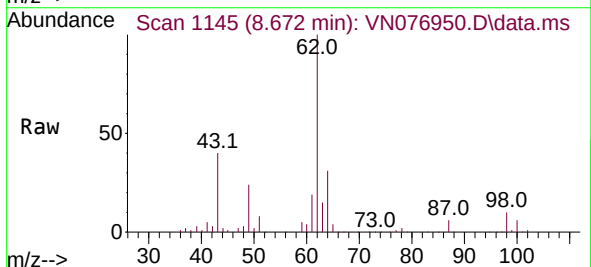
Manual Integrations
APPROVED

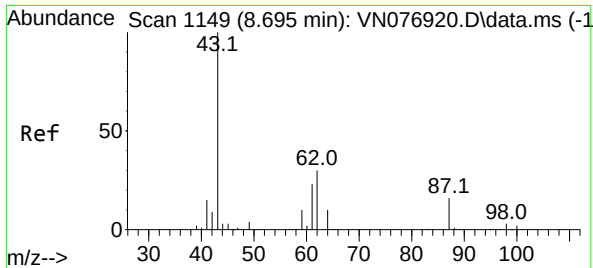
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#42
1,2-Dichloroethane
Concen: 44.545 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

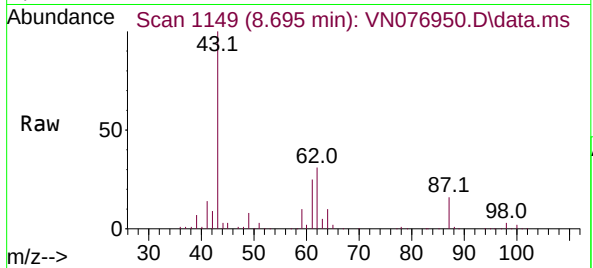
Tgt Ion: 62 Resp: 424260
Ion Ratio Lower Upper
62 100
98 9.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 47.331 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

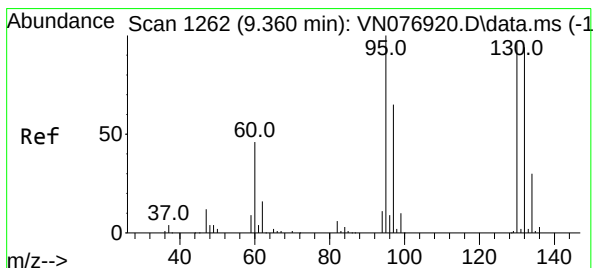
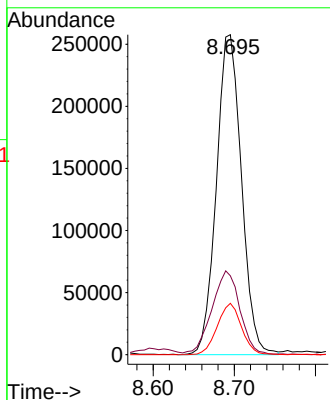
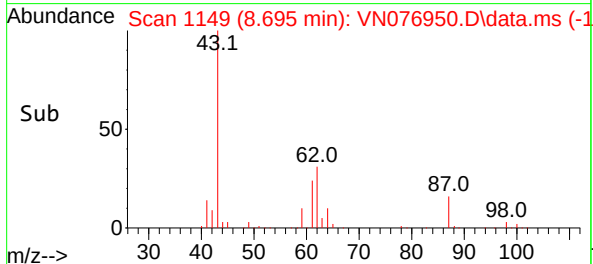
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



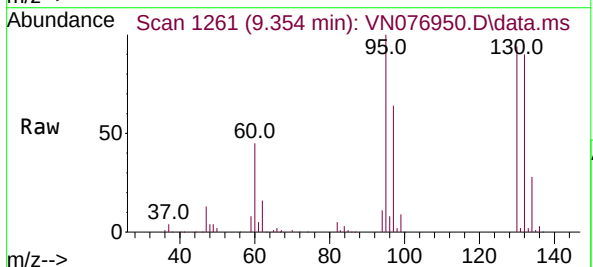
Tgt Ion: 43 Resp: 55350
Ion Ratio Lower Upper
43 100
61 29.5 26.2 39.2
87 15.5 14.8 22.2

Manual Integrations
APPROVED

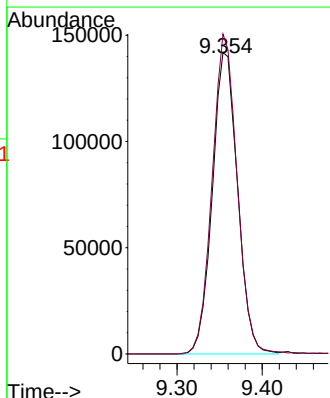
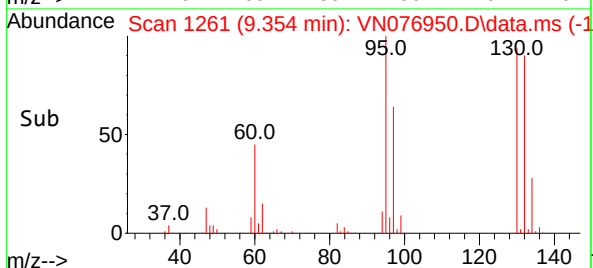
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

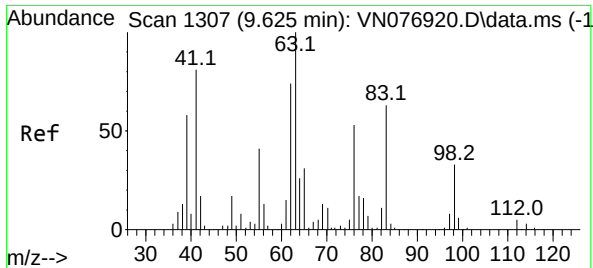


#44
Trichloroethene
Concen: 46.428 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



Tgt Ion:130 Resp: 292977
Ion Ratio Lower Upper
130 100
95 106.2 0.0 208.6





#45

1,2-Dichloropropane

Concen: 47.385 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 284678

Ion Ratio Lower Upper

63 100

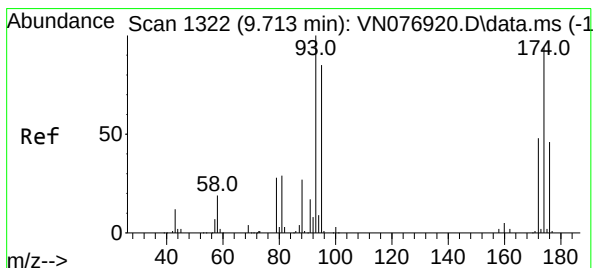
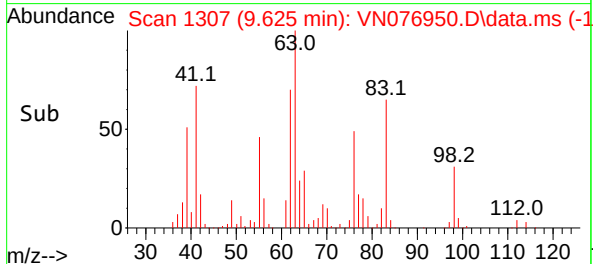
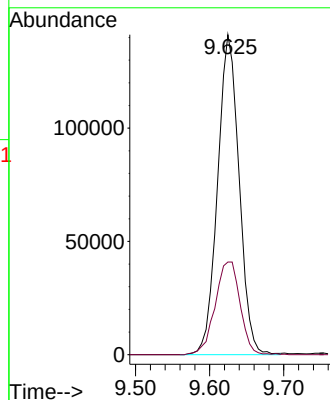
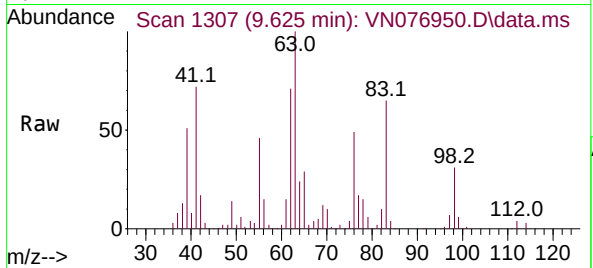
65 29.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#46

Dibromomethane

Concen: 46.556 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

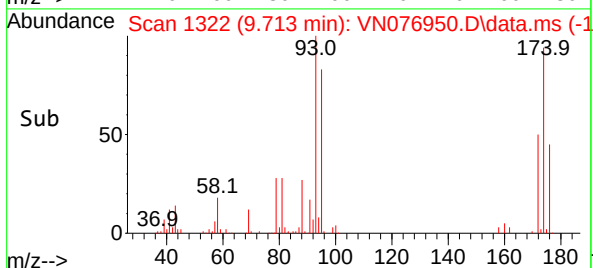
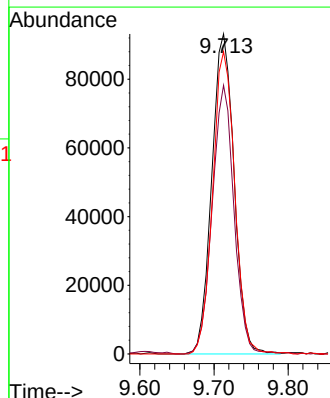
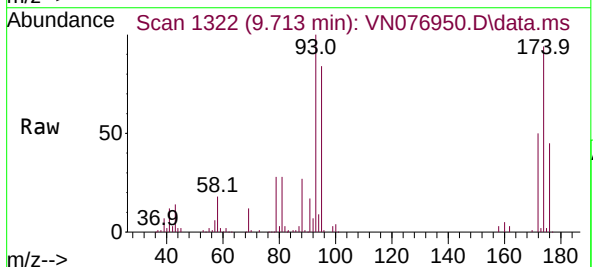
Tgt Ion: 93 Resp: 195338

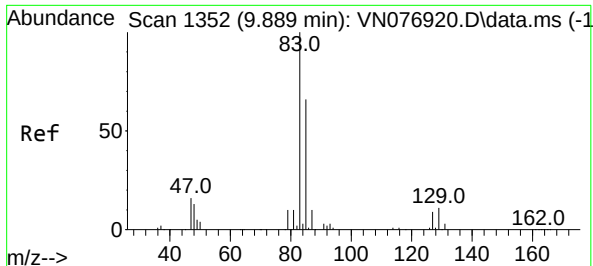
Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

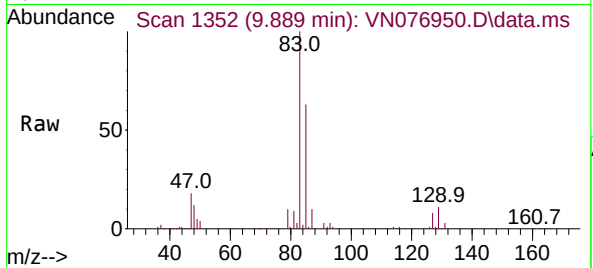
174 93.3 69.3 103.9





#47
Bromodichloromethane
Concen: 48.479 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

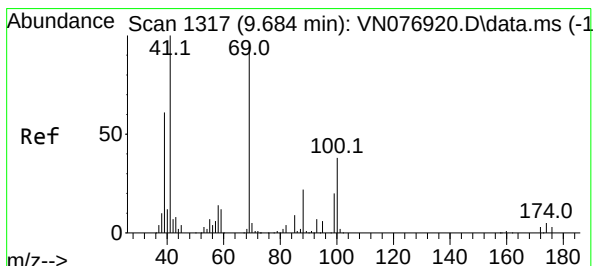
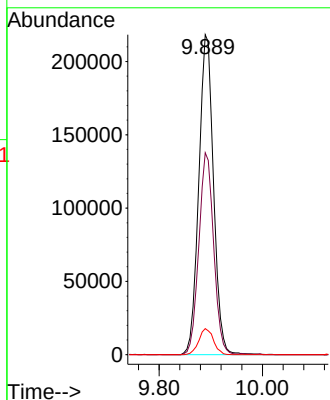
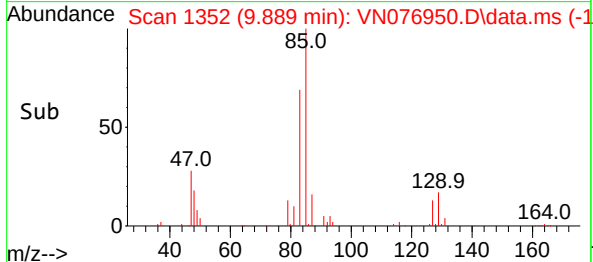
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



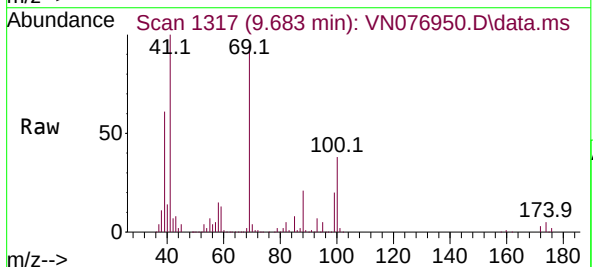
Tgt Ion: 83 Resp: 431518
Ion Ratio Lower Upper
83 100
85 63.1 52.6 78.8
127 8.2 7.0 10.6

Manual Integrations
APPROVED

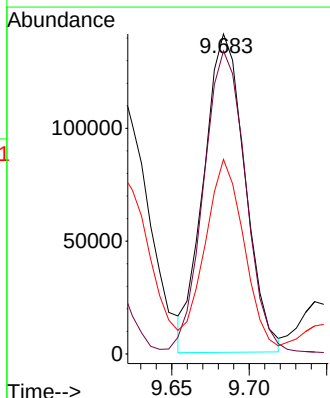
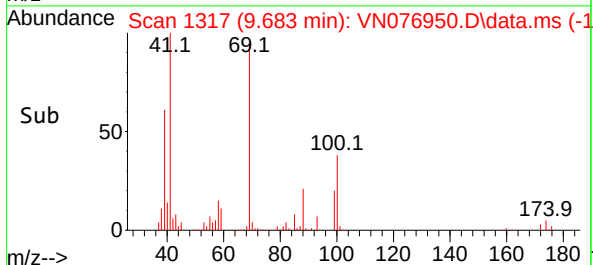
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

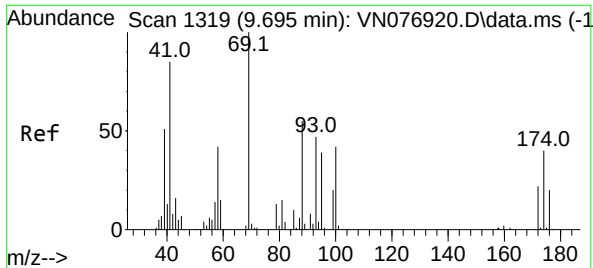


#48
Methyl methacrylate
Concen: 45.470 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



Tgt Ion: 41 Resp: 260538
Ion Ratio Lower Upper
41 100
69 97.4 92.6 139.0
39 59.1 51.4 77.0





#49

1,4-Dioxane

Concen: 948.400 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 10289

Ion Ratio Lower Upper

88 100

43 25.7 15.3 22.9

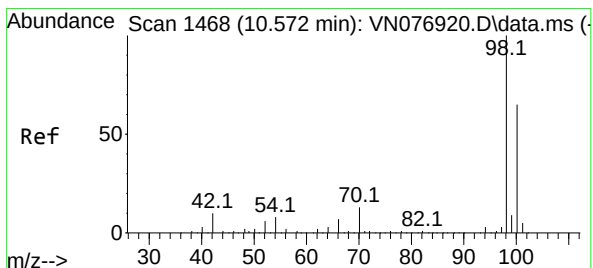
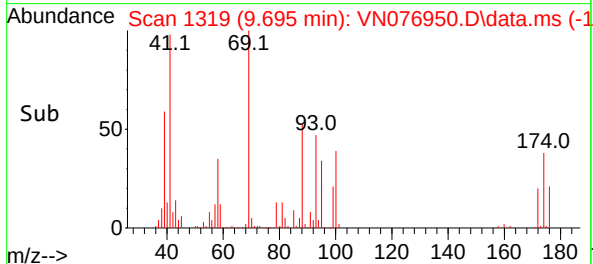
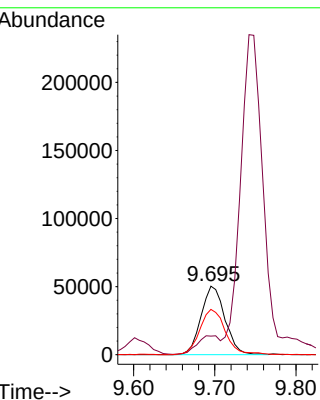
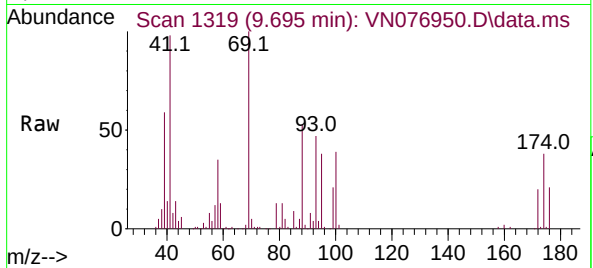
58 71.4 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#50

Toluene-d8

Concen: 48.874 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076950.D

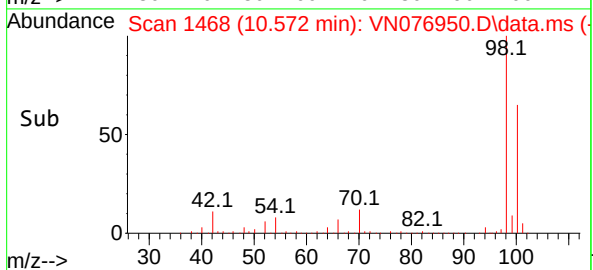
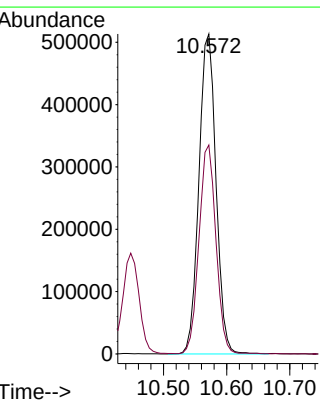
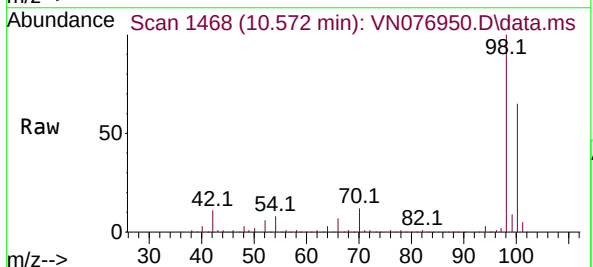
Acq: 13 Mar 2023 10:10

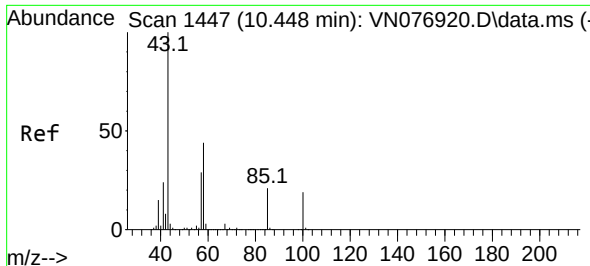
Tgt Ion: 98 Resp: 964759

Ion Ratio Lower Upper

98 100

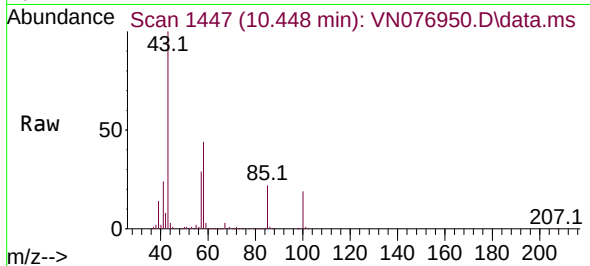
100 64.8 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 226.174 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

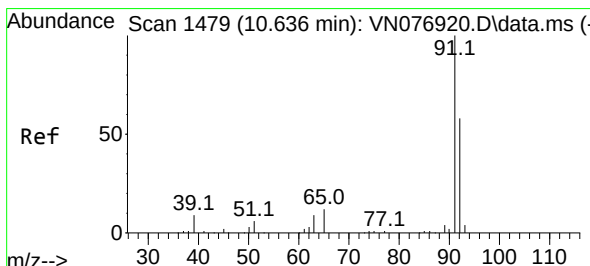
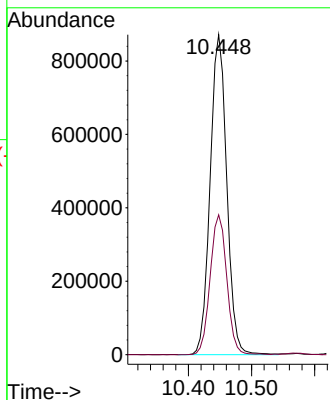
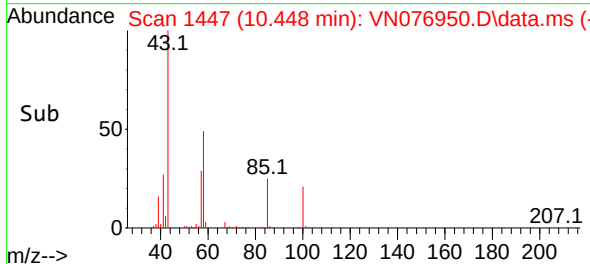
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



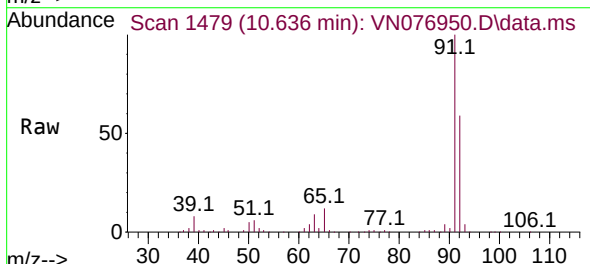
Tgt Ion: 43 Resp: 1588864
Ion Ratio Lower Upper
43 100
58 43.8 37.4 56.0

Manual Integrations
APPROVED

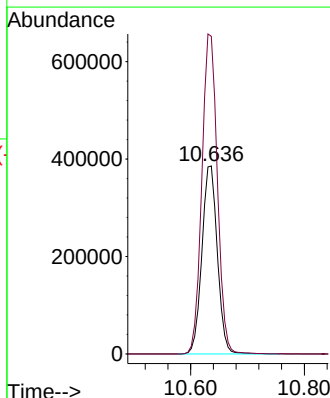
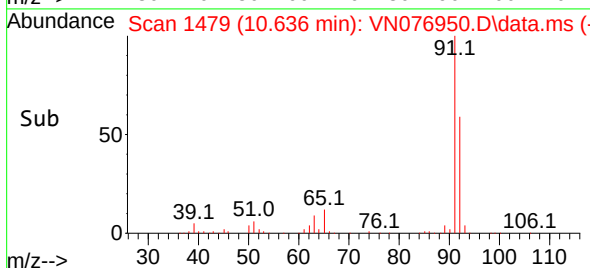
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

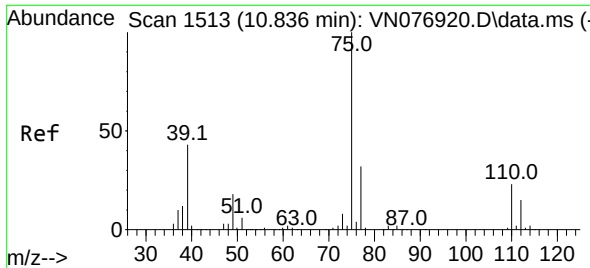


#52
Toluene
Concen: 48.329 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



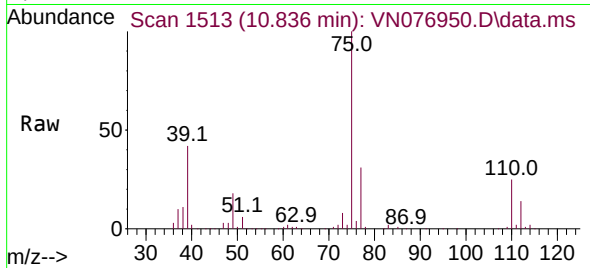
Tgt Ion: 92 Resp: 726281
Ion Ratio Lower Upper
92 100
91 171.1 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 50.004 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

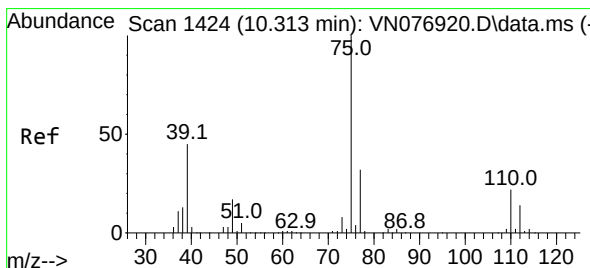
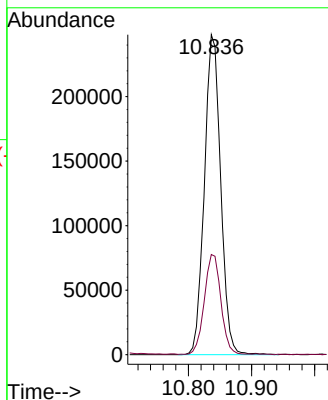
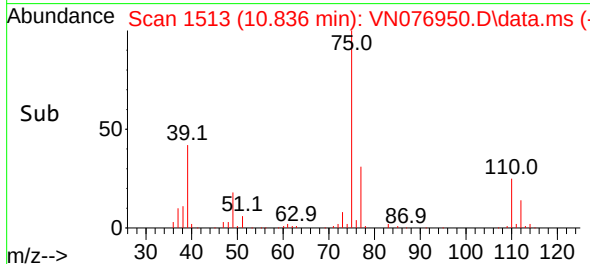
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



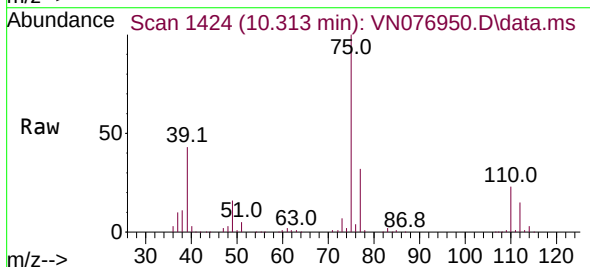
Tgt Ion: 75 Resp: 44374
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6

Manual Integrations
APPROVED

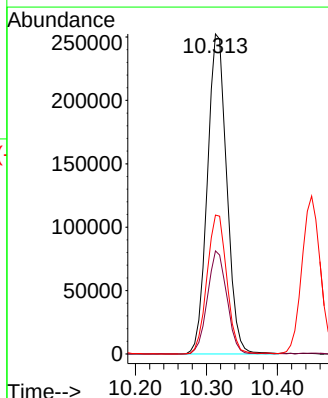
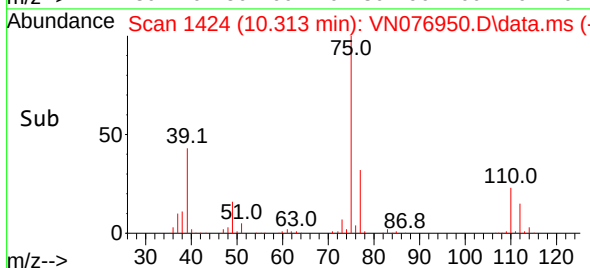
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

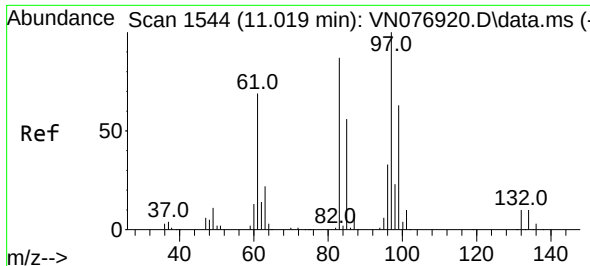


#54
cis-1,3-Dichloropropene
Concen: 49.176 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



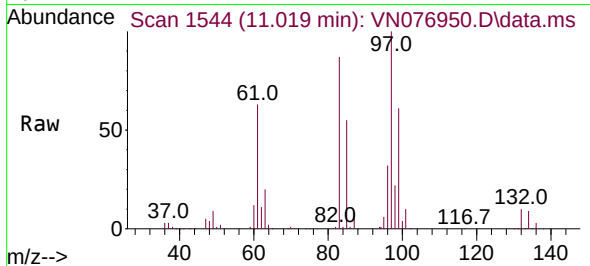
Tgt Ion: 75 Resp: 479247
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 43.4 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 46.385 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

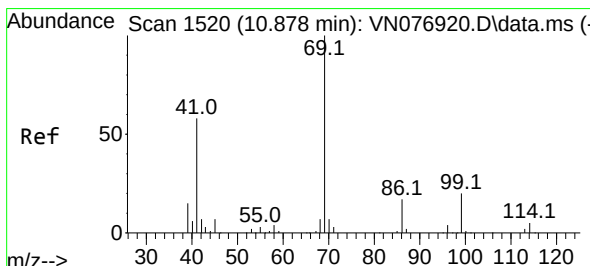
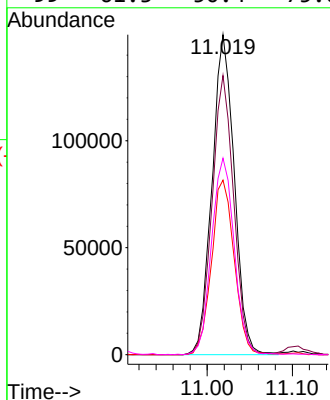
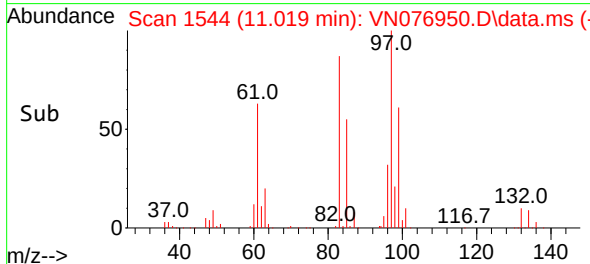
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	27121
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.1	100.7
85	54.5	41.8	62.8
99	61.3	50.4	75.6

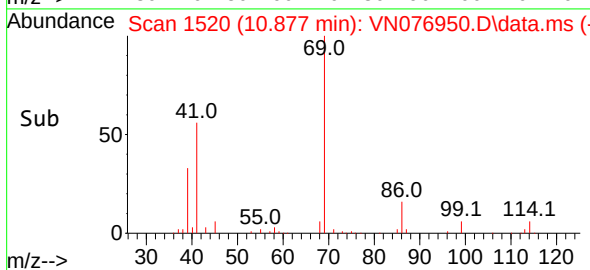
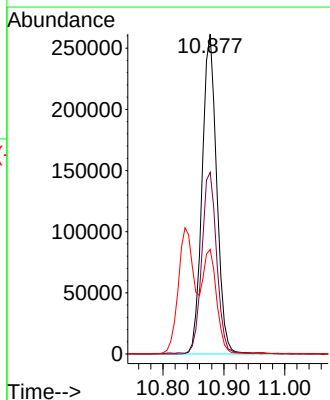
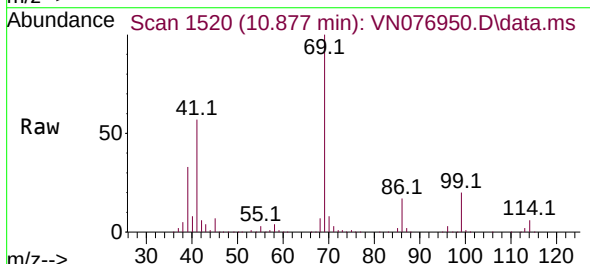
Manual Integrations
APPROVED

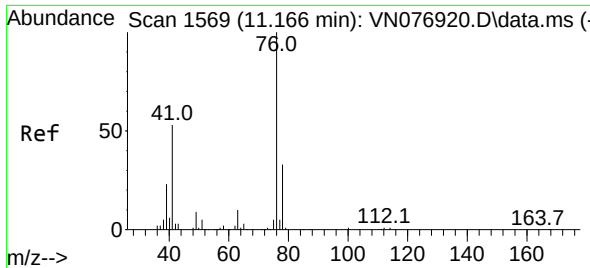
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#56
Ethyl methacrylate
Concen: 49.214 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

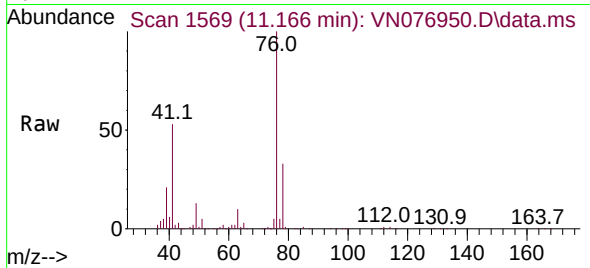
Tgt Ion:	69	Resp:	436464
Ion	Ratio	Lower	Upper
69	100		
41	58.6	38.0	57.0#
39	30.1	22.4	33.6





#57
1,3-Dichloropropane
Concen: 45.896 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

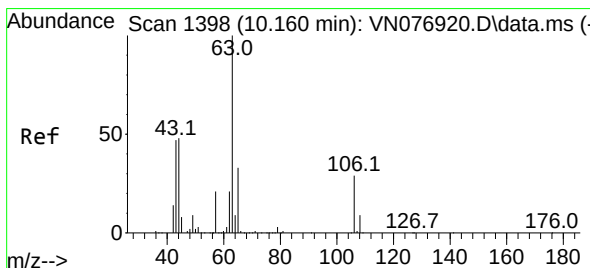
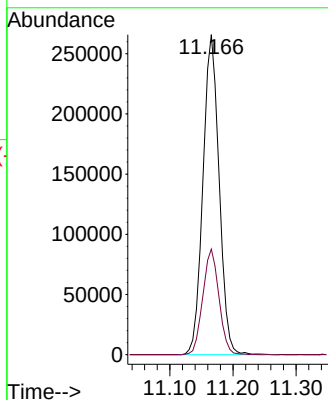
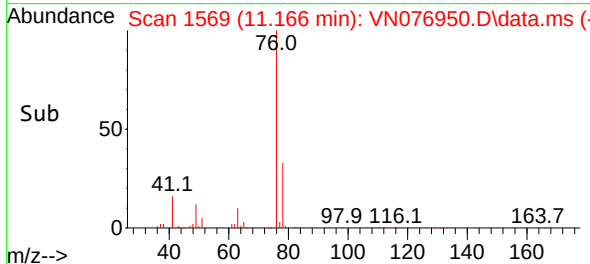
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 47320
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

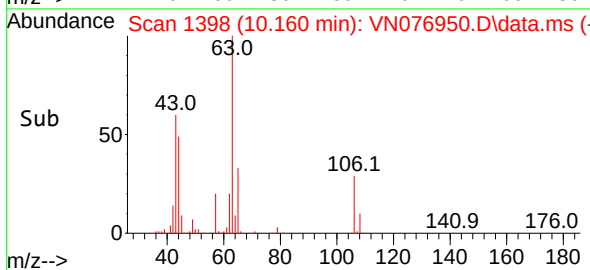
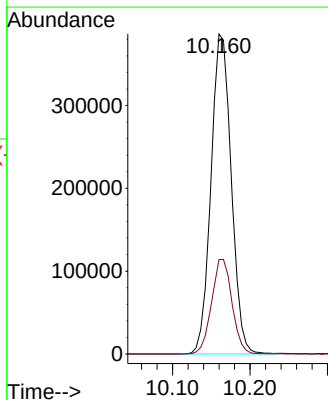
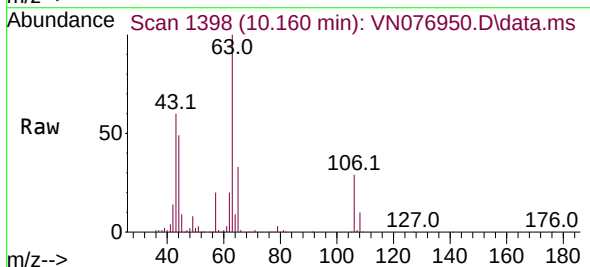
Manual Integrations
APPROVED

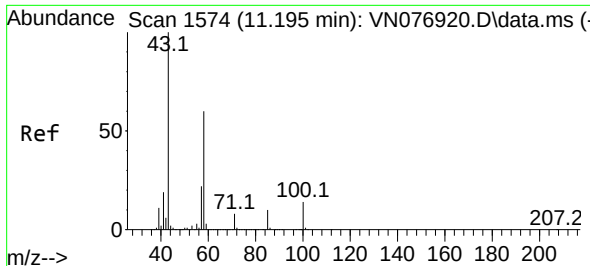
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 248.545 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

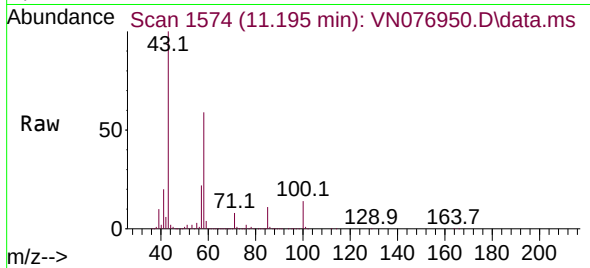
Tgt Ion: 63 Resp: 701917
Ion Ratio Lower Upper
63 100
106 29.8 25.6 38.4





#59
2-Hexanone
Concen: 231.913 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

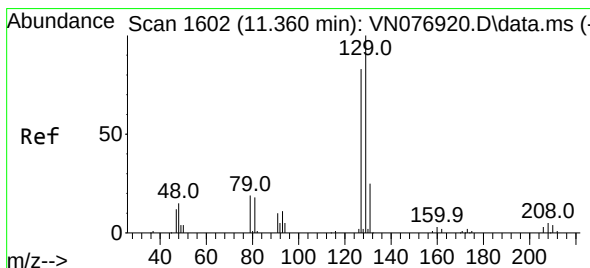
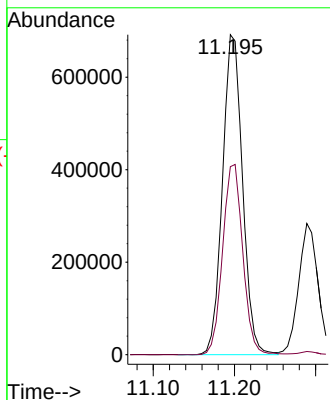
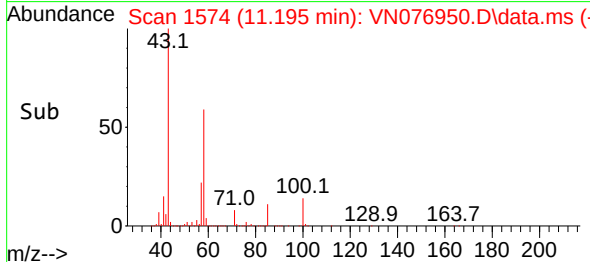
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1187890
Ion Ratio Lower Upper
43 100
58 59.8 32.6 98.0

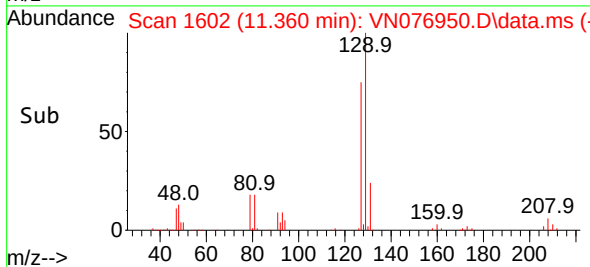
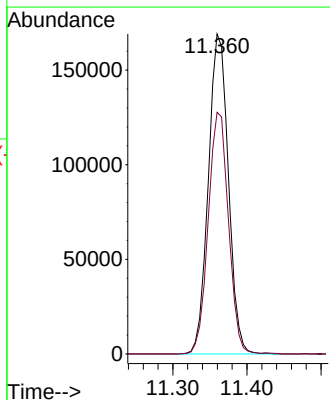
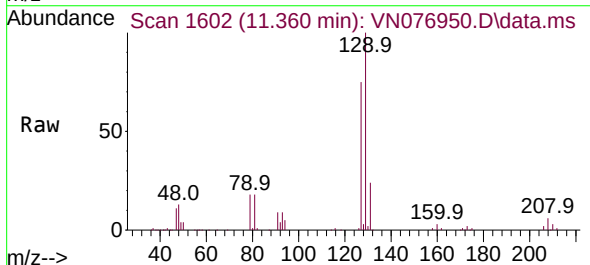
Manual Integrations
APPROVED

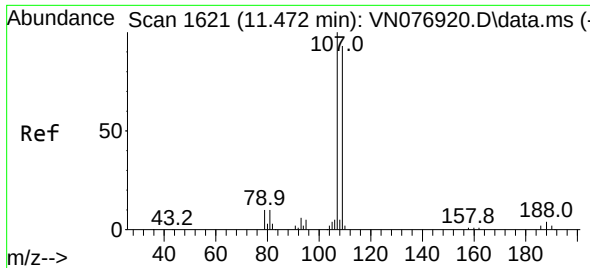
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#60
Dibromochloromethane
Concen: 49.218 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion:129 Resp: 317061
Ion Ratio Lower Upper
129 100
127 76.4 39.6 118.8





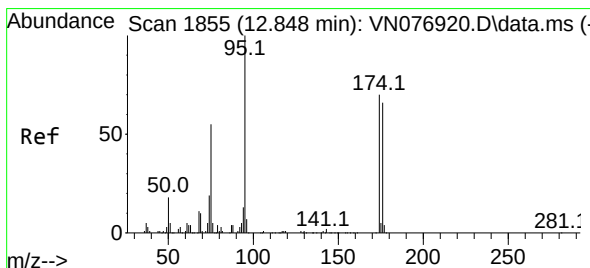
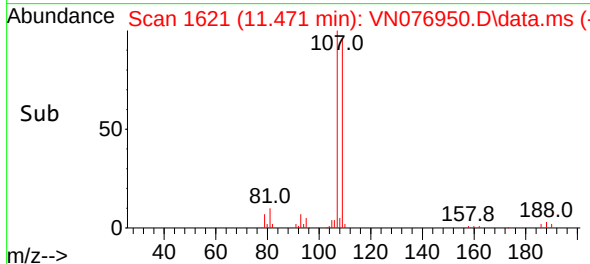
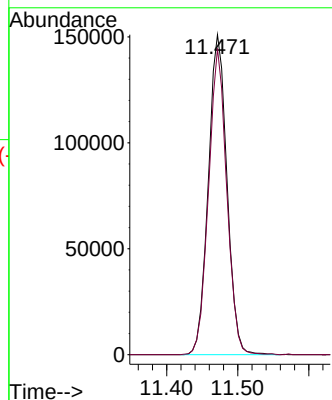
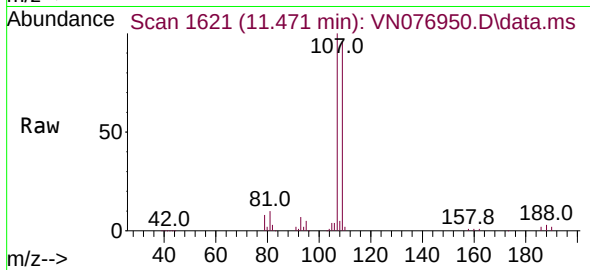
#61
1,2-Dibromoethane
Concen: 47.011 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 275502
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9

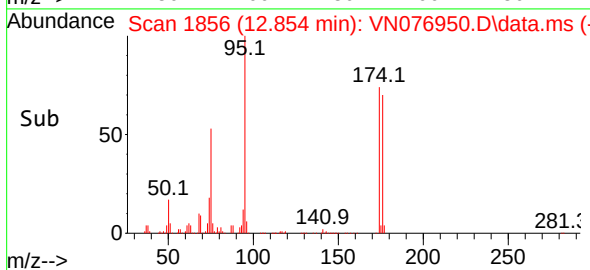
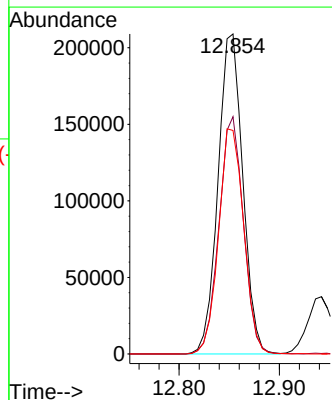
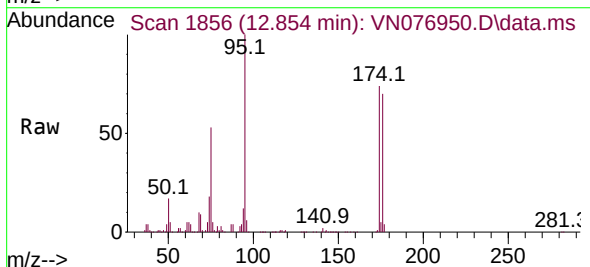
Manual Integrations
APPROVED

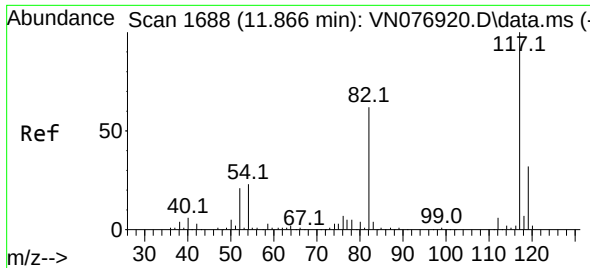
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

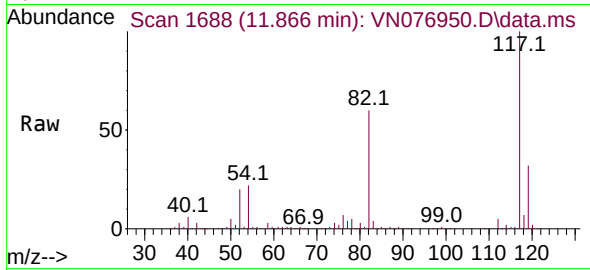
Tgt Ion: 95 Resp: 357650
Ion Ratio Lower Upper
95 100
174 73.0 0.0 162.4
176 71.5 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

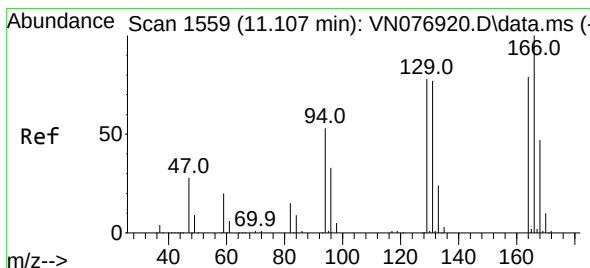
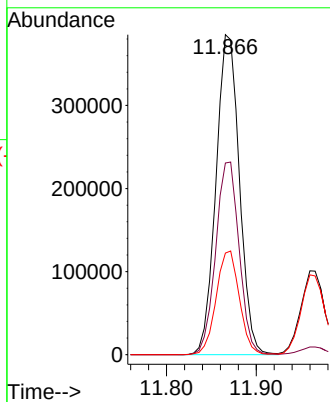
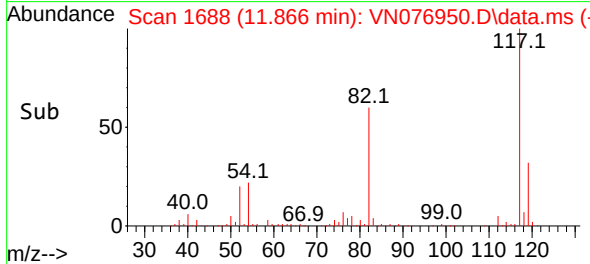
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 699440
Ion Ratio Lower Upper
117 100
82 59.9 43.5 65.3
119 31.8 25.5 38.3

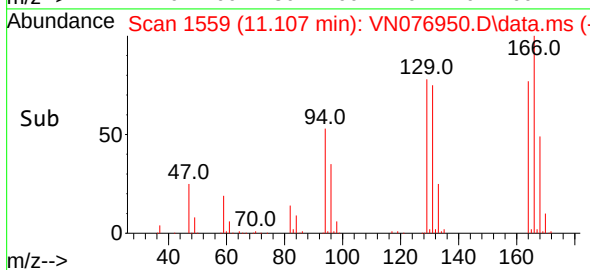
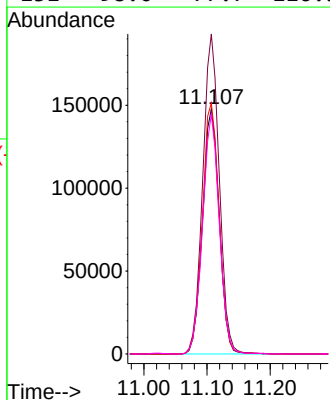
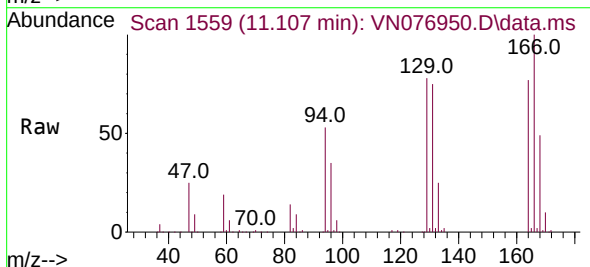
Manual Integrations
APPROVED

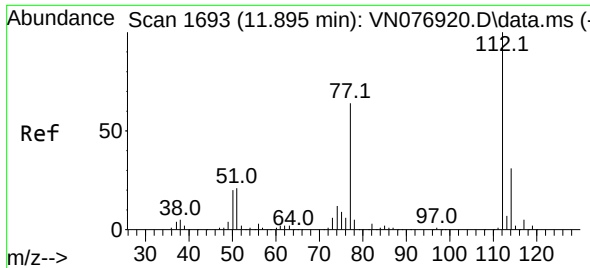
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#64
Tetrachloroethene
Concen: 47.949 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion:164 Resp: 271434
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 102.4 81.5 122.3
131 98.0 77.7 116.5





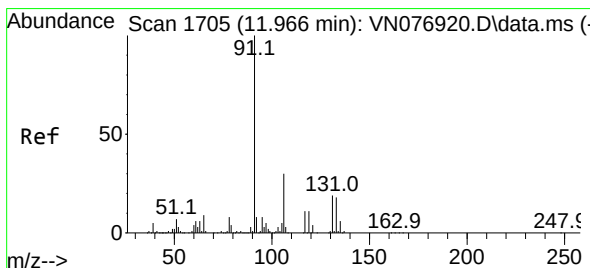
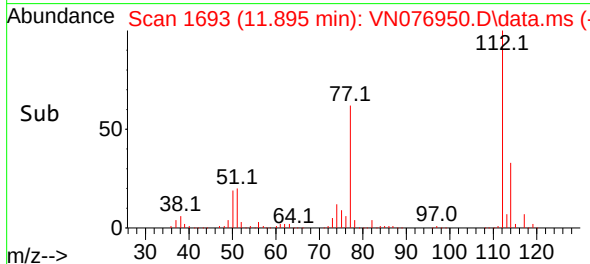
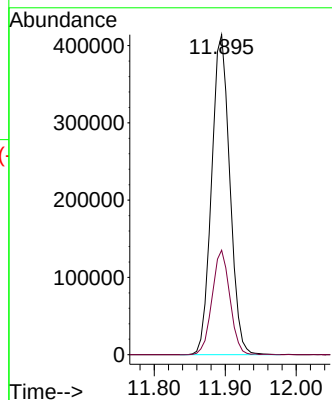
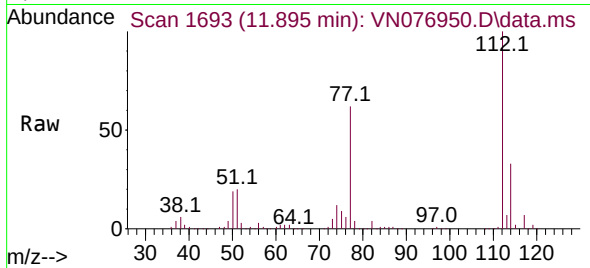
#65
Chlorobenzene
Concen: 47.085 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 73666
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8

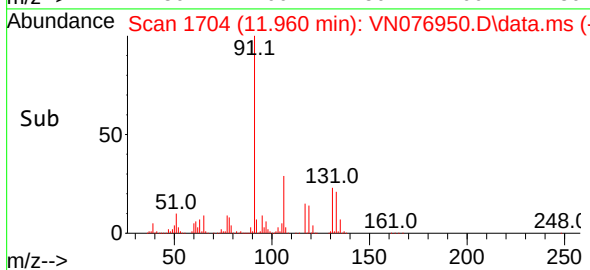
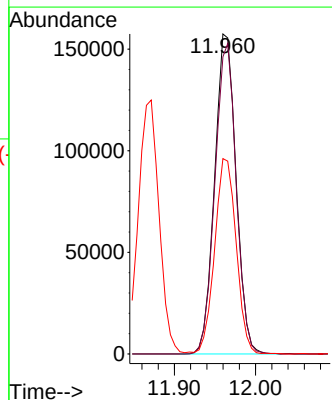
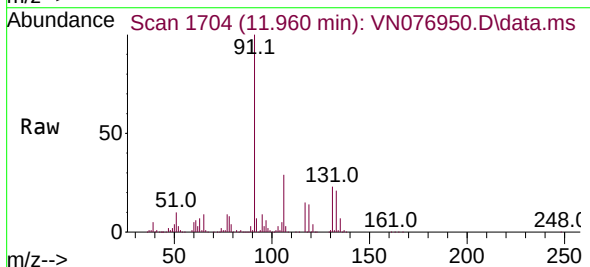
Manual Integrations
APPROVED

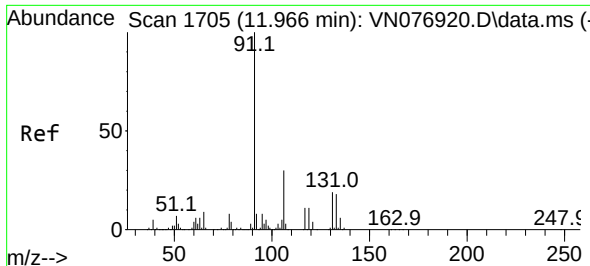
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.297 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

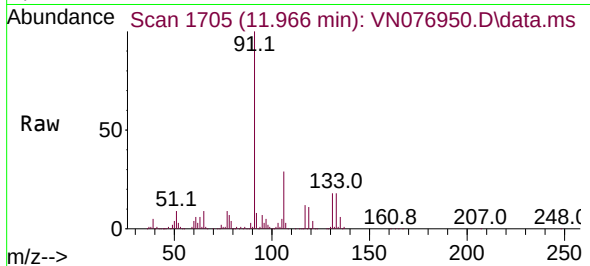
Tgt Ion:131 Resp: 288874
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 61.6 33.1 99.2





#67
Ethyl Benzene
Concen: 49.089 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

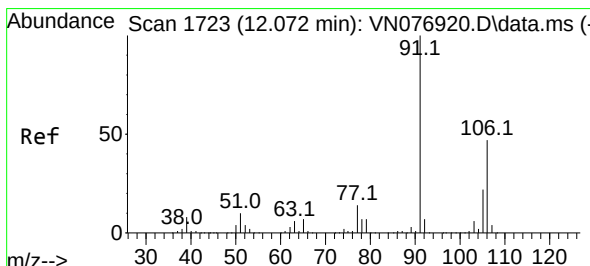
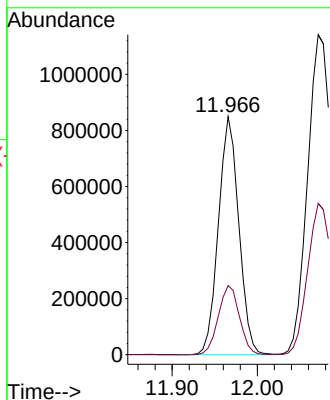
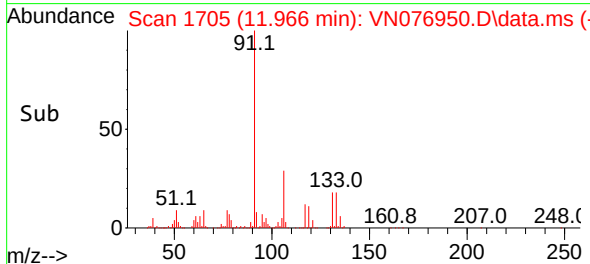
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1412228
Ion Ratio Lower Upper
91 100
106 29.1 25.1 37.7

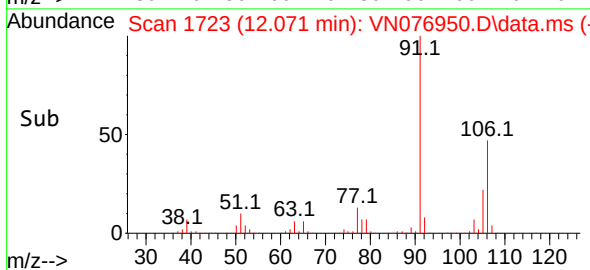
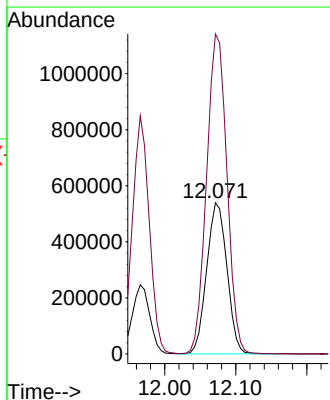
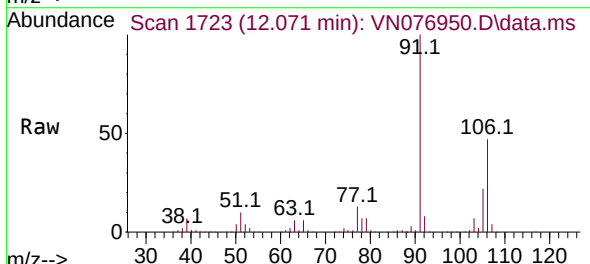
Manual Integrations
APPROVED

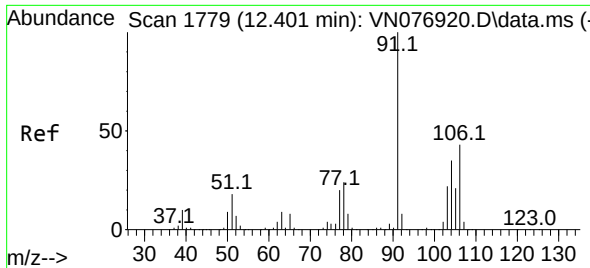
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#68
m/p-Xylenes
Concen: 98.725 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion:106 Resp: 1067503
Ion Ratio Lower Upper
106 100
91 213.0 158.0 237.0





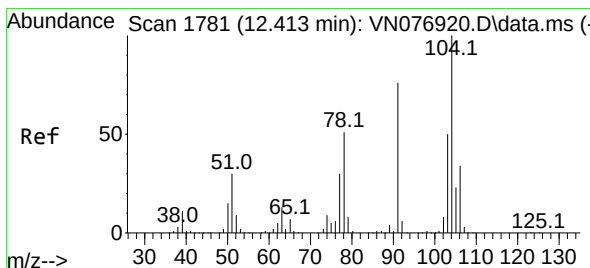
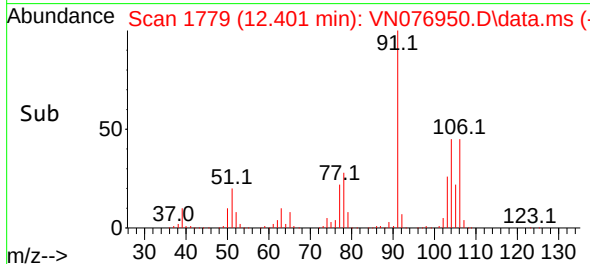
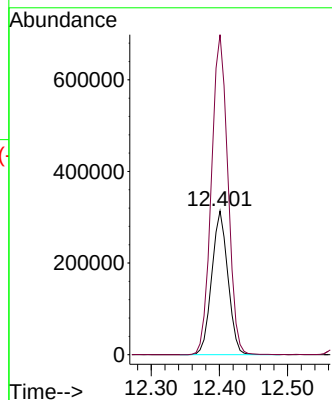
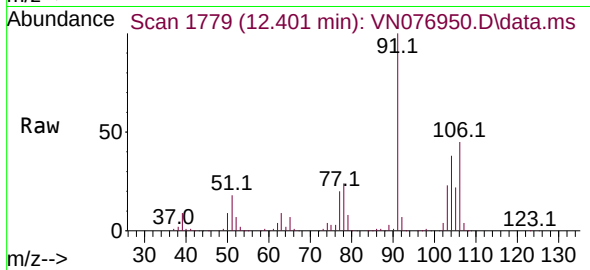
#69
o-Xylene
Concen: 49.199 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 516459
Ion Ratio Lower Upper
106 100
91 227.6 101.8 305.4

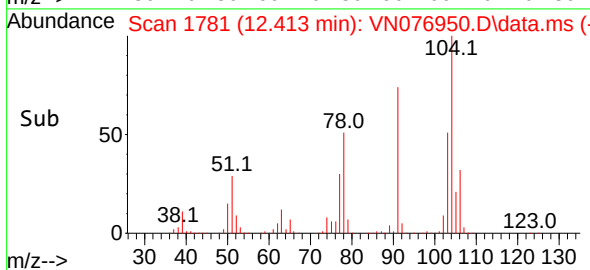
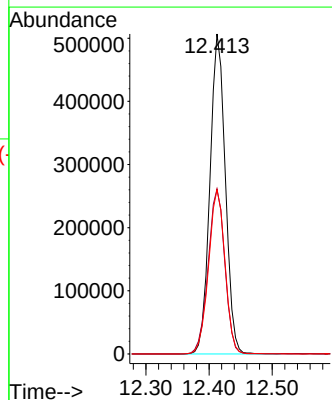
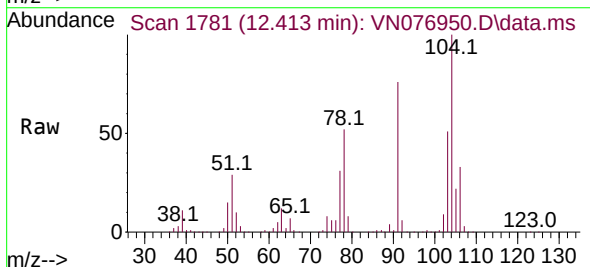
Manual Integrations
APPROVED

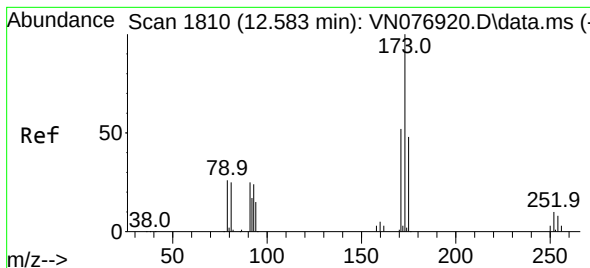
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#70
Styrene
Concen: 50.641 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion:104 Resp: 858815
Ion Ratio Lower Upper
104 100
78 55.6 36.6 55.0#
103 54.6 43.4 65.0





#71

Bromoform

Concen: 49.313 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 218269

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.6

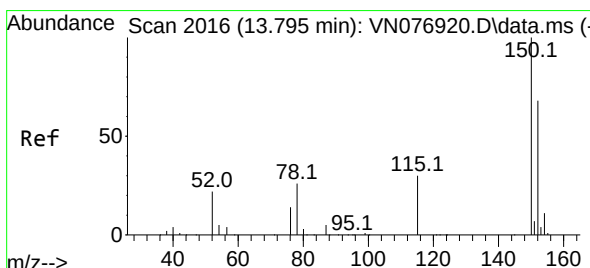
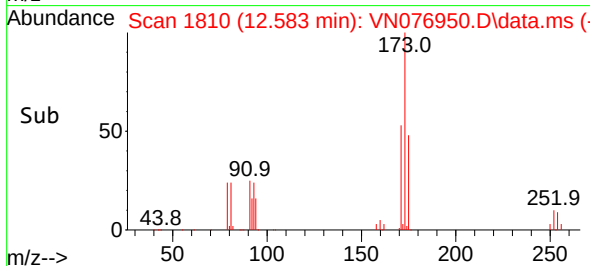
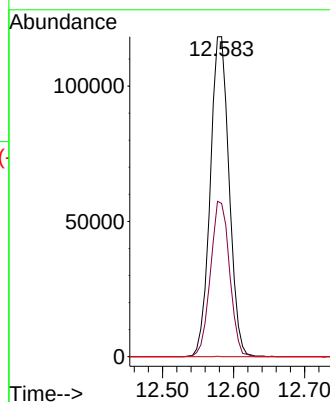
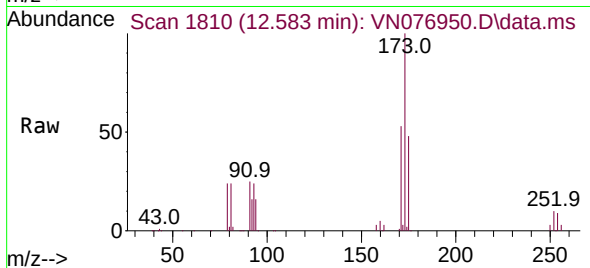
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

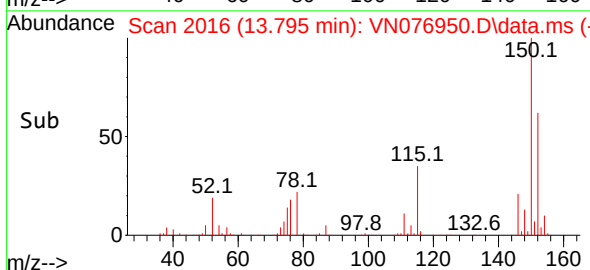
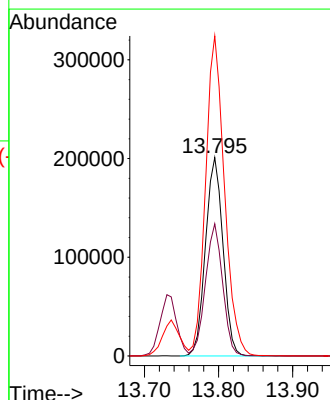
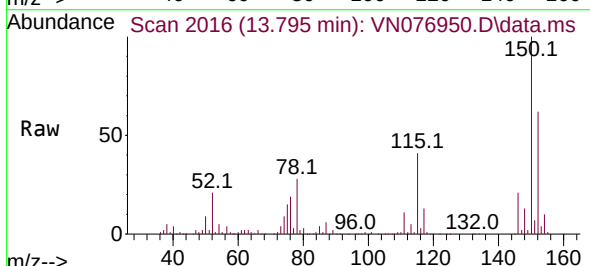
Tgt Ion:152 Resp: 329871

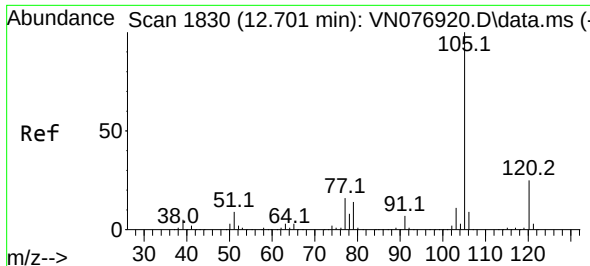
Ion Ratio Lower Upper

152 100

115 65.6 30.3 90.9

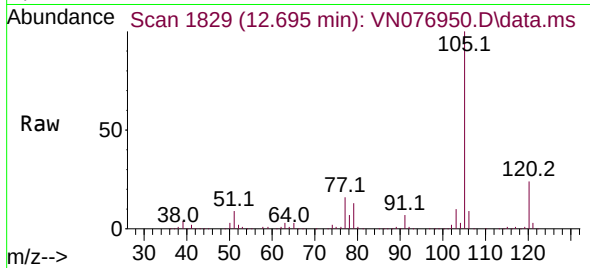
150 173.9 0.0 353.6





#73
Isopropylbenzene
Concen: 47.374 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

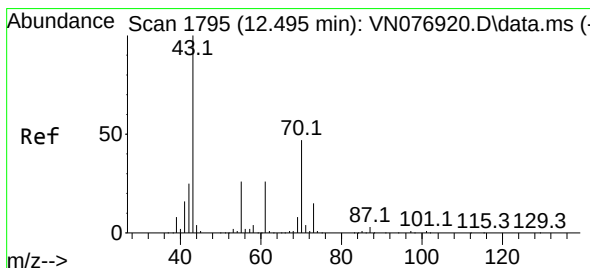
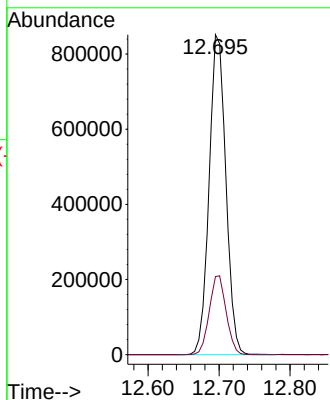
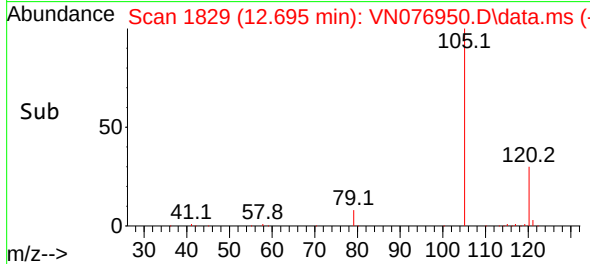
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1392504
Ion Ratio Lower Upper
105 100
120 24.9 13.8 41.4

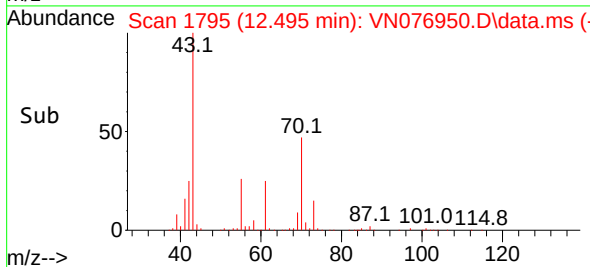
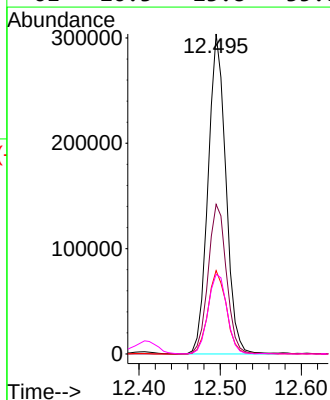
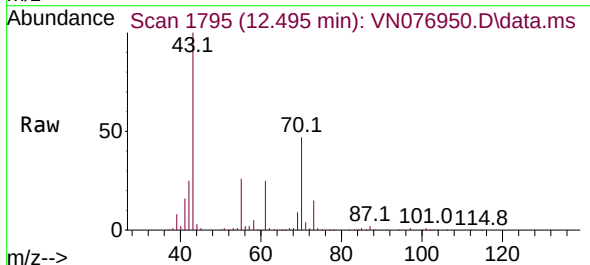
Manual Integrations
APPROVED

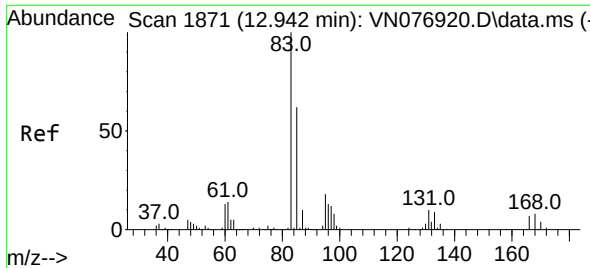
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#74
N-ethyl acetate
Concen: 47.532 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion: 43 Resp: 462587
Ion Ratio Lower Upper
43 100
70 48.1 46.8 70.2
55 26.9 23.4 35.2
61 26.3 23.8 35.8





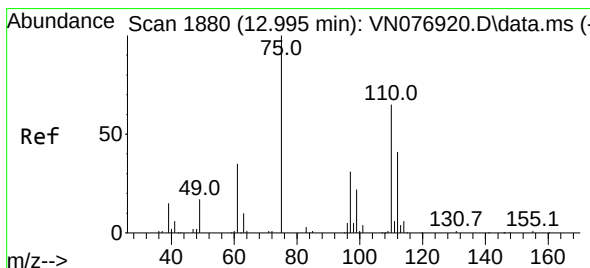
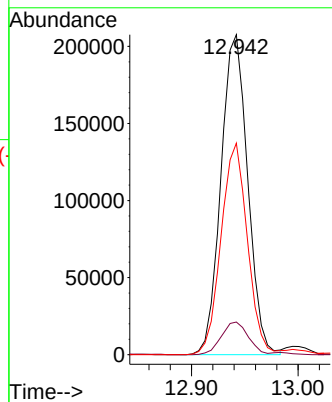
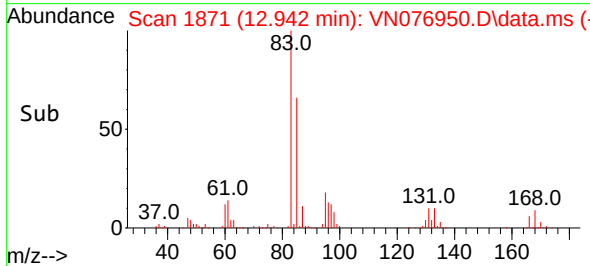
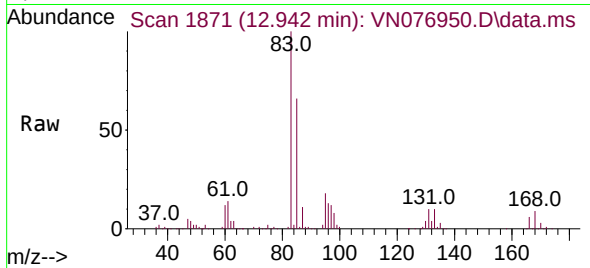
#75
1,1,2,2-Tetrachloroethane
Concen: 41.943 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 362760
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 65.1 32.0 96.0

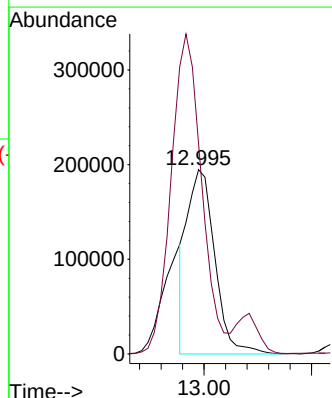
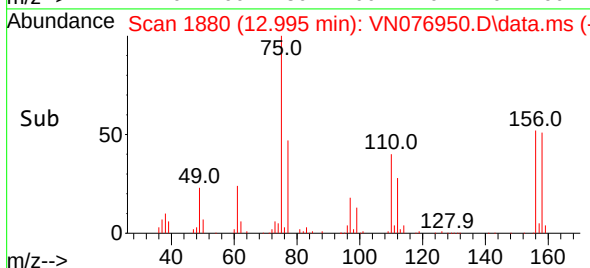
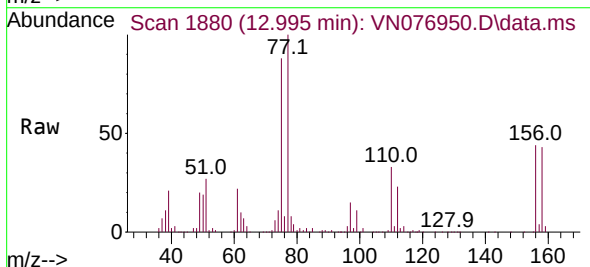
Manual Integrations
APPROVED

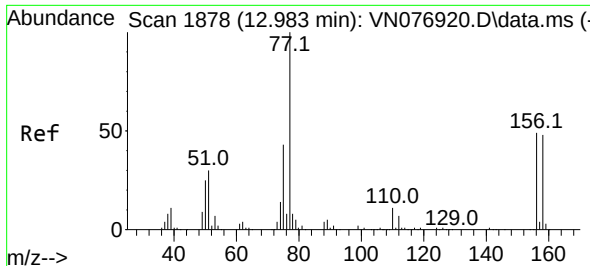
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#76
1,2,3-Trichloropropane
Concen: 43.599 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

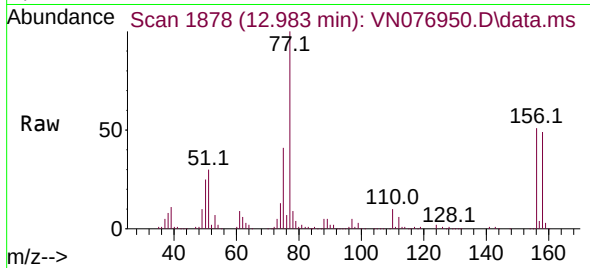
Tgt Ion: 75 Resp: 348684
Ion Ratio Lower Upper
75 100
77 192.2 93.8 281.4





#77
Bromobenzene
Concen: 45.879 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

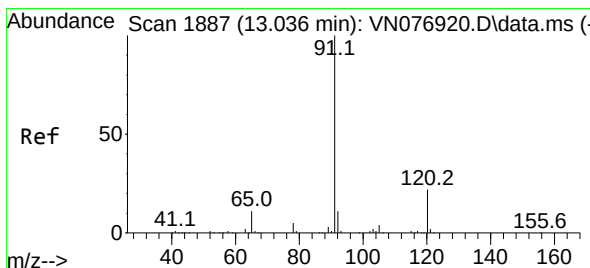
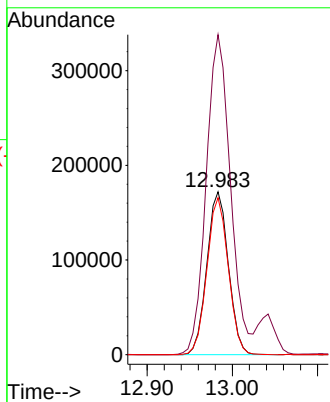
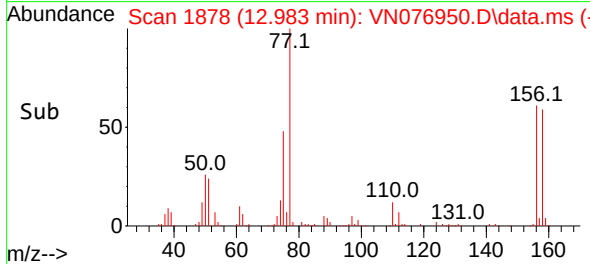
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 301479
Ion Ratio Lower Upper
156 100
77 222.3 101.3 303.7
158 95.6 48.9 146.7

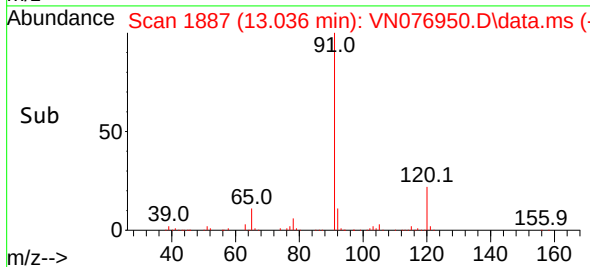
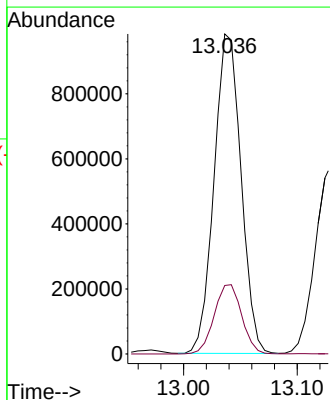
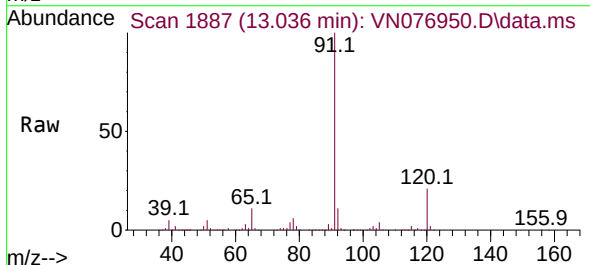
Manual Integrations
APPROVED

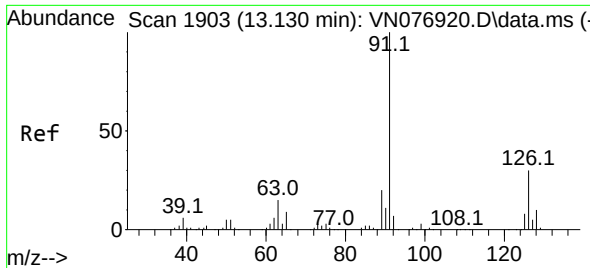
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#78
n-propylbenzene
Concen: 49.537 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion: 91 Resp: 1621432
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.7





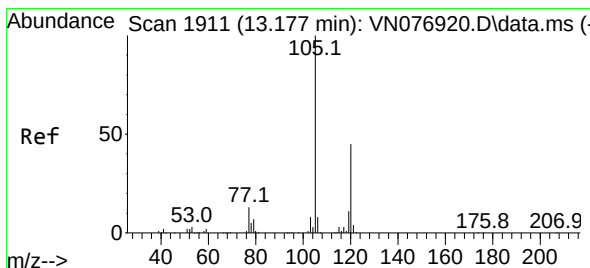
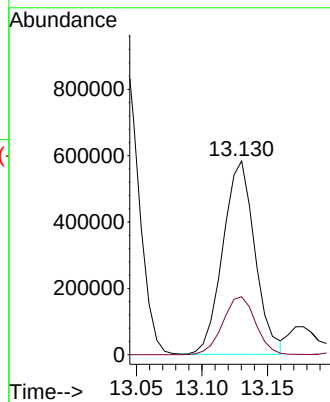
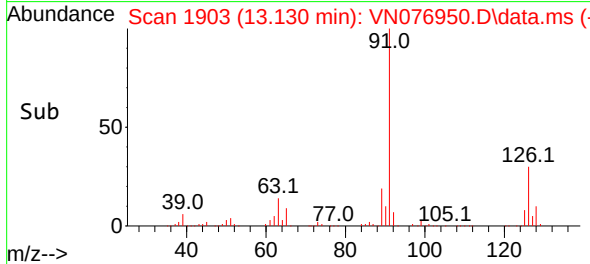
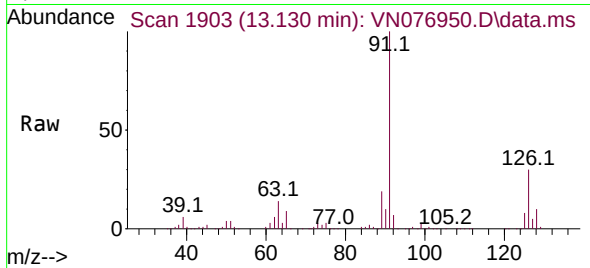
#79
2-Chlorotoluene
Concen: 46.747 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 992259
Ion Ratio Lower Upper
91 100
126 30.7 17.7 53.1

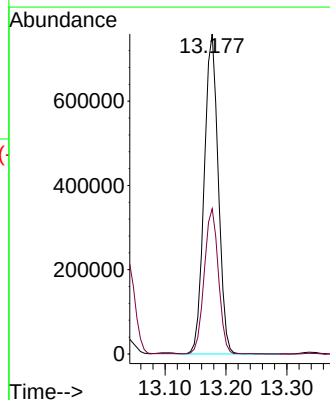
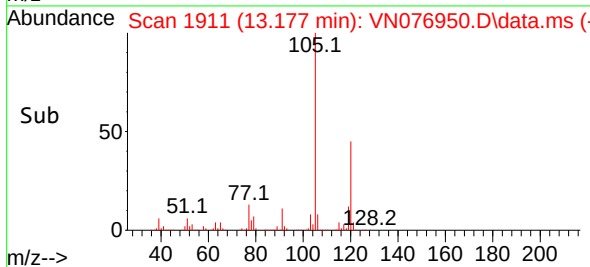
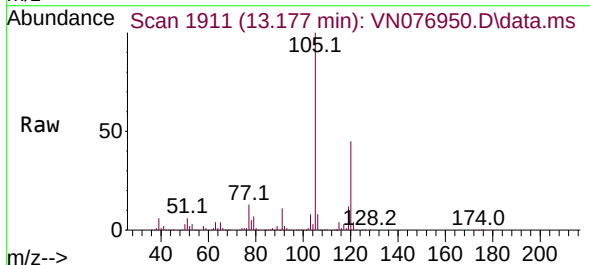
Manual Integrations
APPROVED

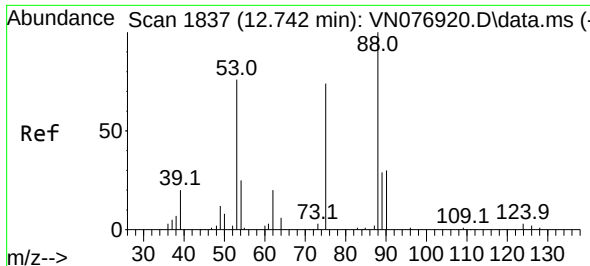
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.744 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

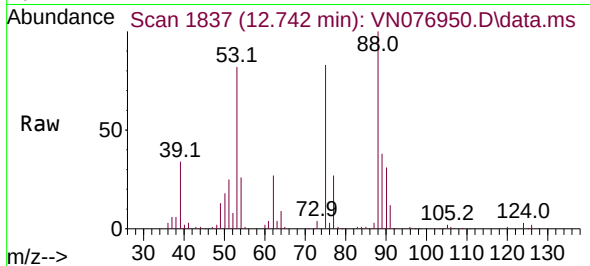
Tgt Ion:105 Resp: 1220475
Ion Ratio Lower Upper
105 100
120 45.7 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.189 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

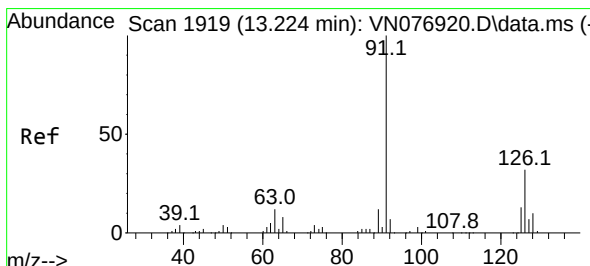
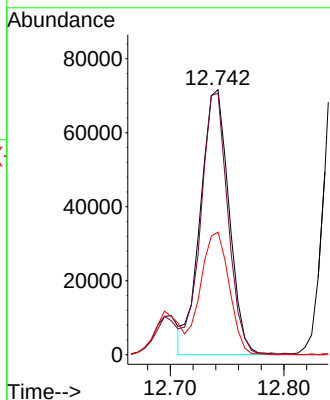
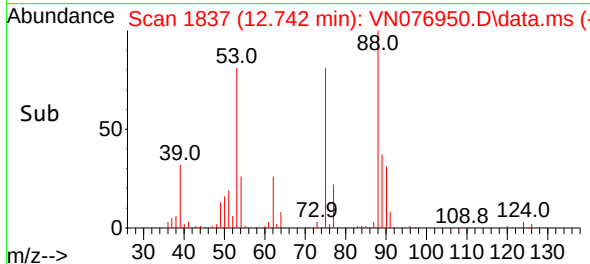
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



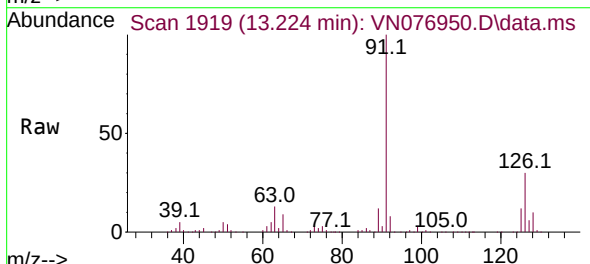
Tgt Ion: 75 Resp: 125329
Ion Ratio Lower Upper
75 100
53 93.3 67.4 101.0
89 46.1 39.5 59.3

Manual Integrations
APPROVED

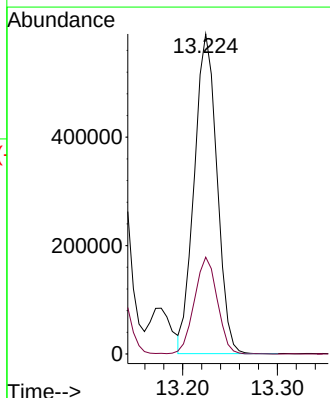
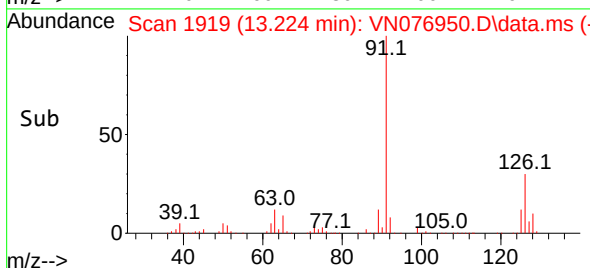
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

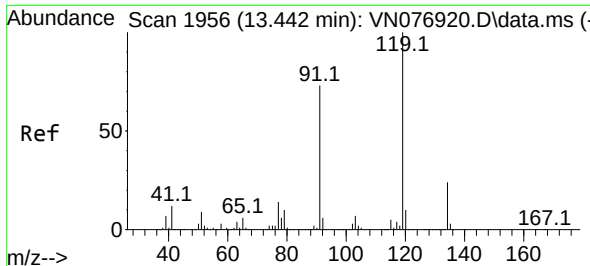


#82
4-Chlorotoluene
Concen: 48.949 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



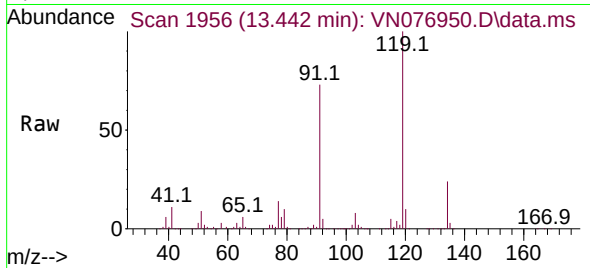
Tgt Ion: 91 Resp: 981763
Ion Ratio Lower Upper
91 100
126 30.5 18.0 54.0





#83
tert-Butylbenzene
Concen: 47.769 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

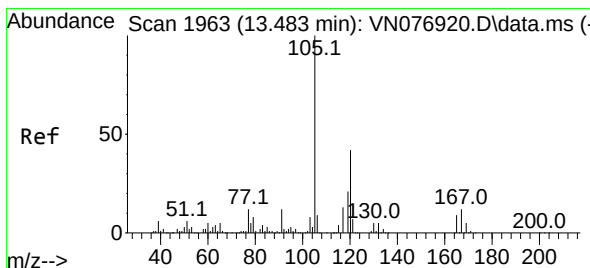
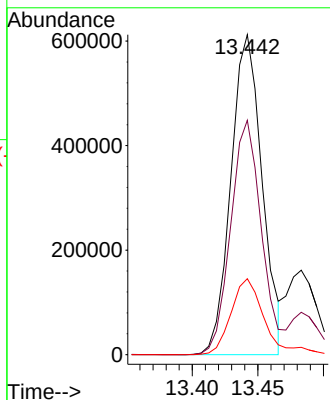
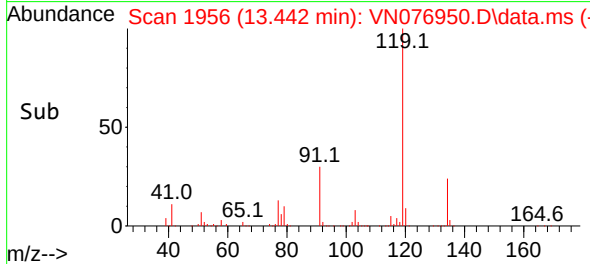
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 101610
Ion Ratio Lower Upper
119 100
91 72.9 31.9 95.5
134 25.4 13.8 41.4

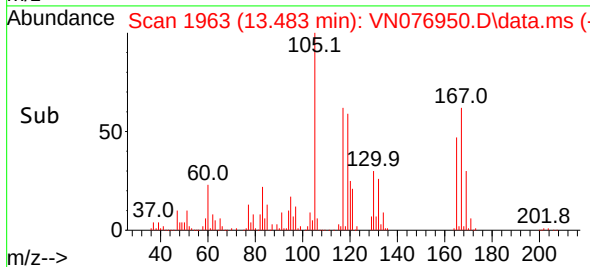
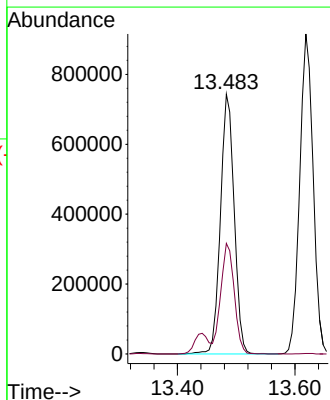
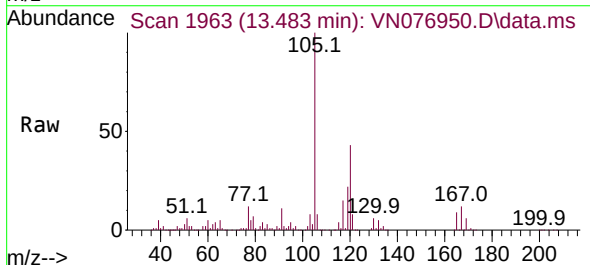
Manual Integrations
APPROVED

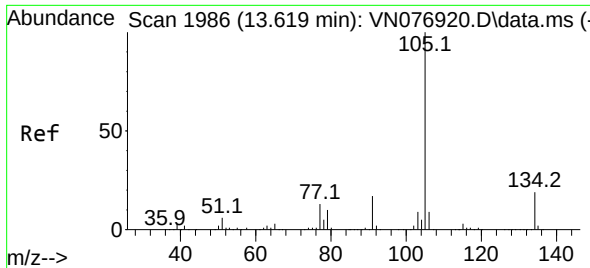
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.178 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

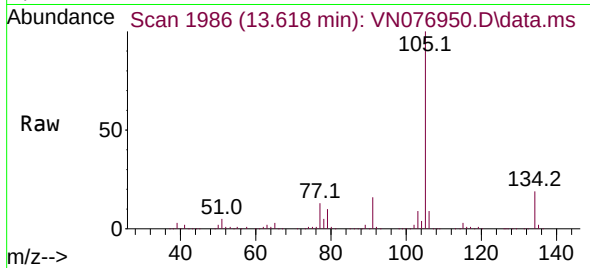
Tgt Ion:105 Resp: 1206885
Ion Ratio Lower Upper
105 100
120 41.7 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 49.618 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076950.D
 Acq: 13 Mar 2023 10:10

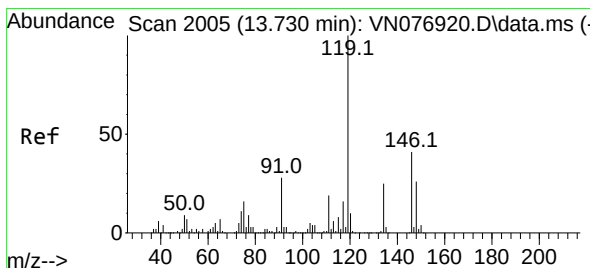
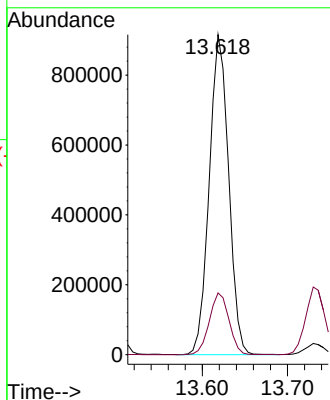
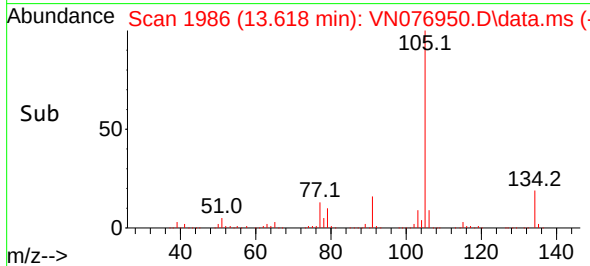
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



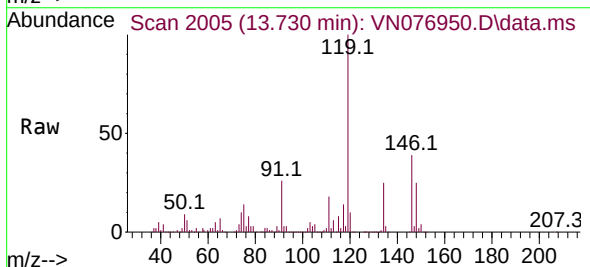
Tgt Ion:105 Resp: 144674
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2

Manual Integrations
 APPROVED

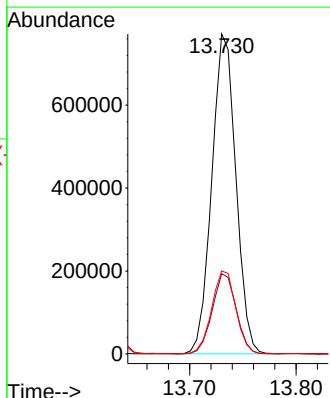
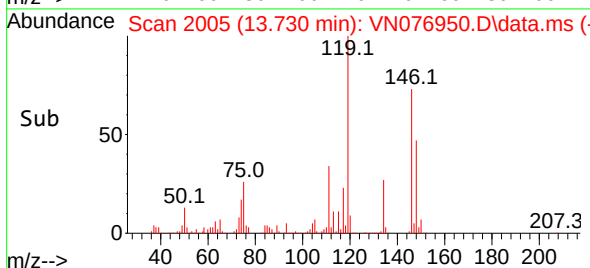
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023

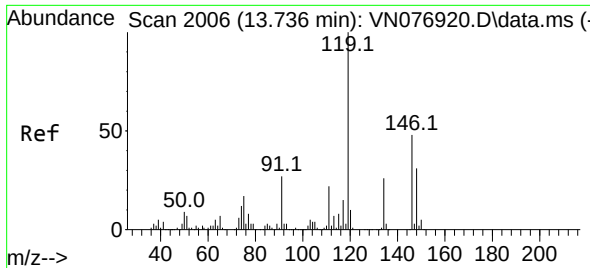


#86
 p-Isopropyltoluene
 Concen: 51.320 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076950.D
 Acq: 13 Mar 2023 10:10



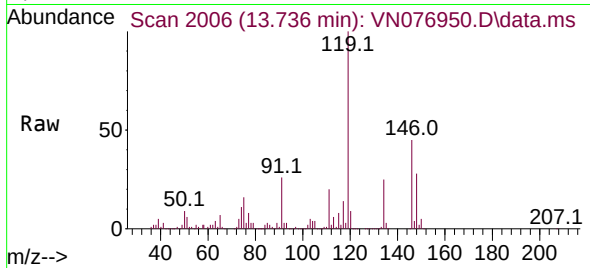
Tgt Ion:119 Resp: 1208363
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.5 40.5
 91 25.9 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 46.962 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

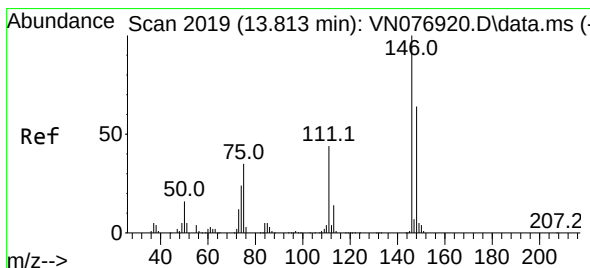
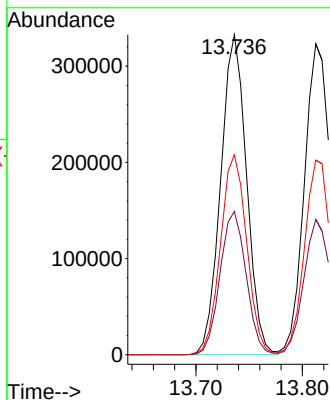
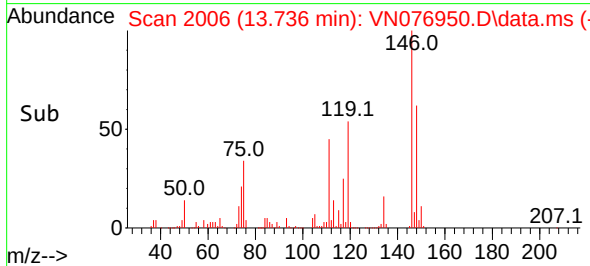
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 562415
Ion Ratio Lower Upper
146 100
111 45.0 20.4 61.2
148 63.2 31.5 94.5

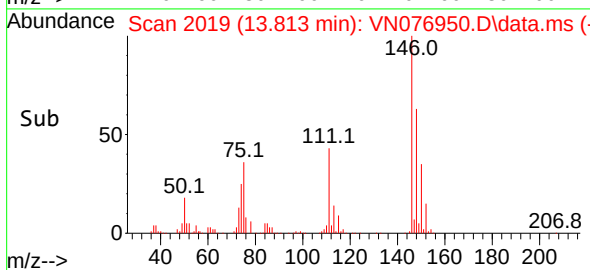
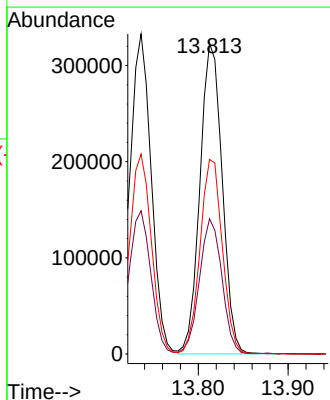
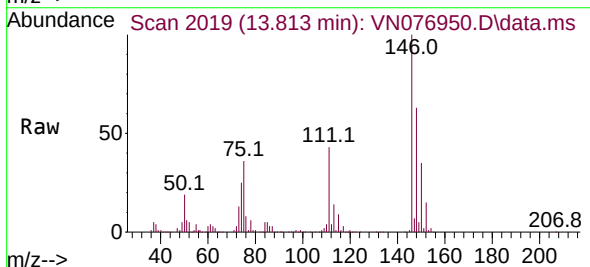
Manual Integrations
APPROVED

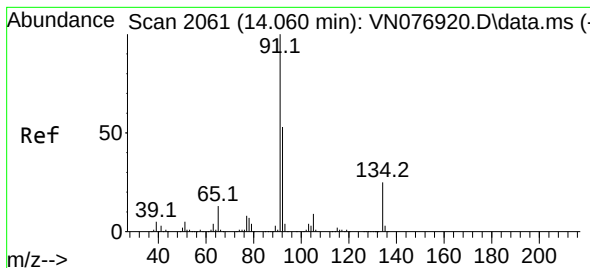
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#88
1,4-Dichlorobenzene
Concen: 46.278 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion:146 Resp: 555966
Ion Ratio Lower Upper
146 100
111 43.7 20.0 60.0
148 63.1 31.8 95.4





#89

n-Butylbenzene

Concen: 52.474 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1031030

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

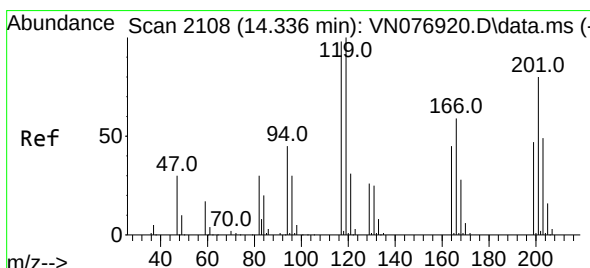
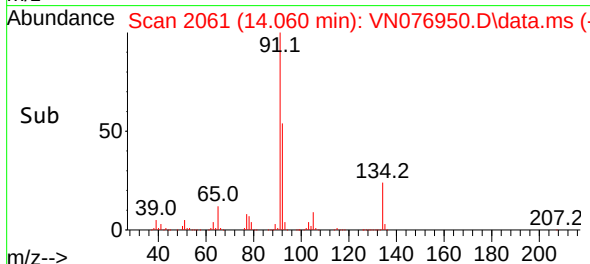
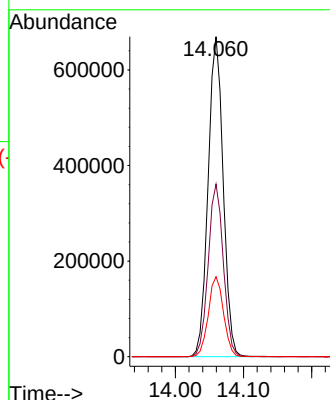
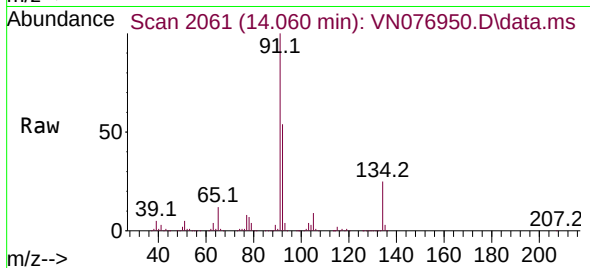
134 25.2 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#90

Hexachloroethane

Concen: 47.715 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN076950.D

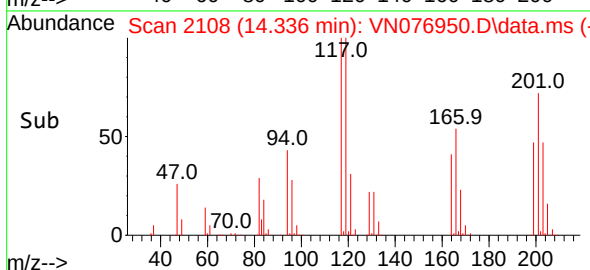
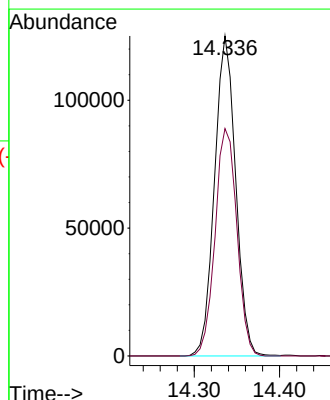
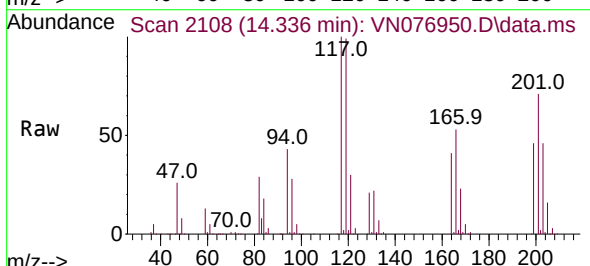
Acq: 13 Mar 2023 10:10

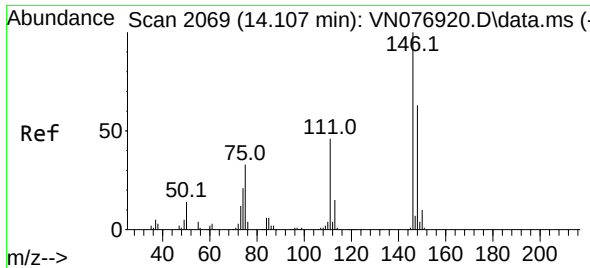
Tgt Ion:117 Resp: 215878

Ion Ratio Lower Upper

117 100

201 73.1 31.9 95.7





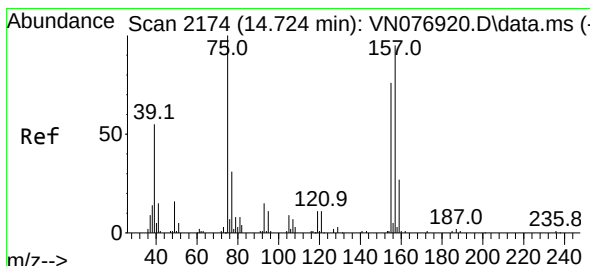
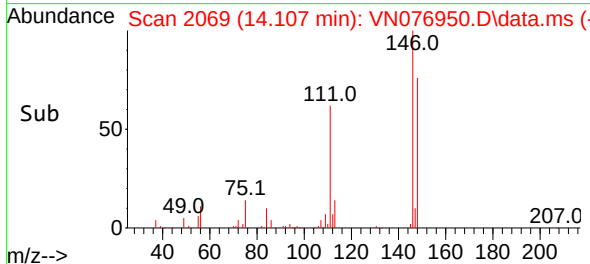
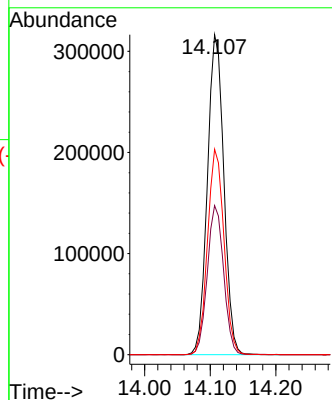
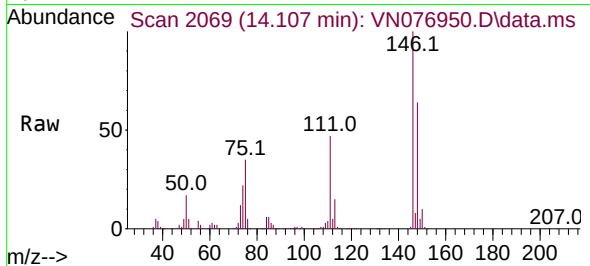
#91
1,2-Dichlorobenzene
Concen: 45.827 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 551330
Ion Ratio Lower Upper
146 100
111 46.3 21.4 64.2
148 64.2 32.0 96.0

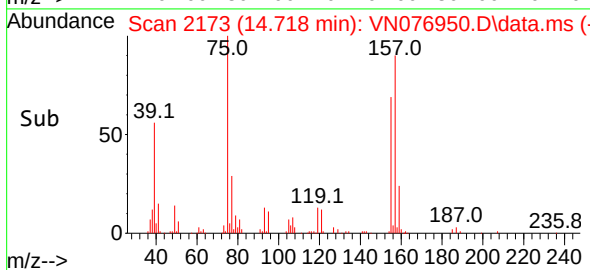
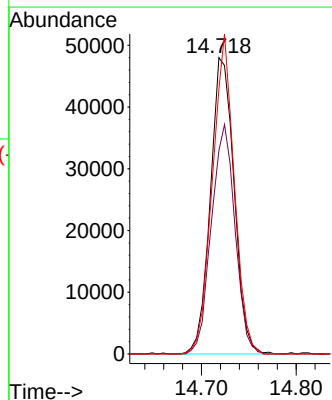
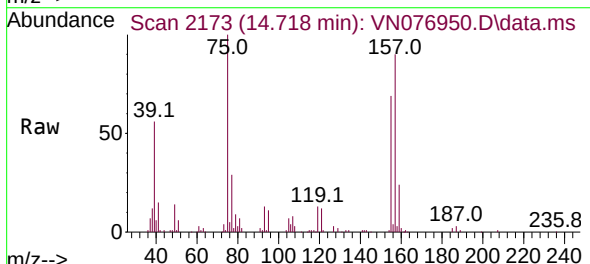
Manual Integrations
APPROVED

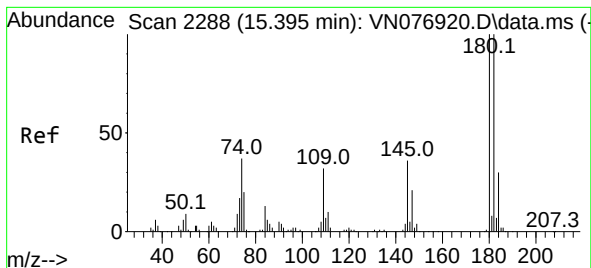
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.730 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

Tgt Ion: 75 Resp: 83504
Ion Ratio Lower Upper
75 100
155 77.1 44.3 132.8
157 99.5 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 49.351 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 33003

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

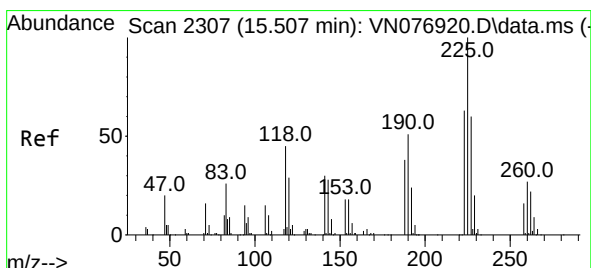
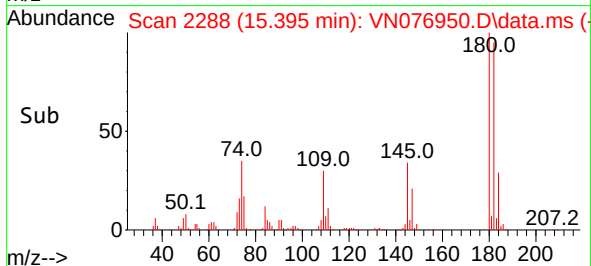
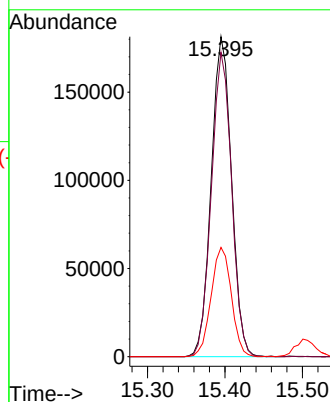
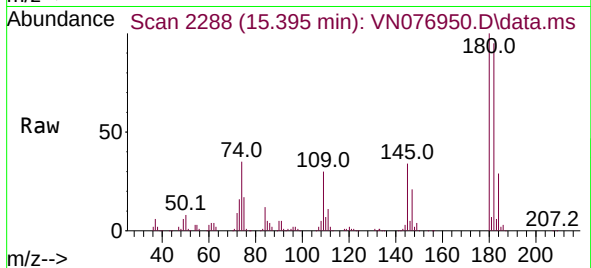
145 34.1 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#94

Hexachlorobutadiene

Concen: 50.462 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076950.D

Acq: 13 Mar 2023 10:10

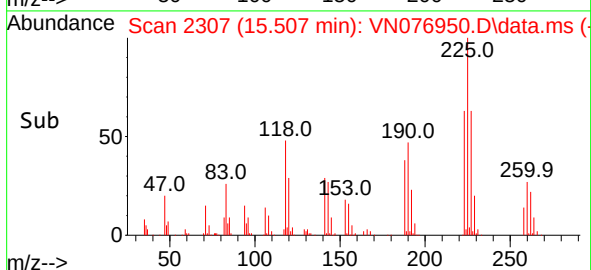
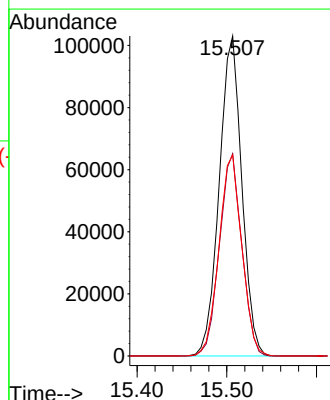
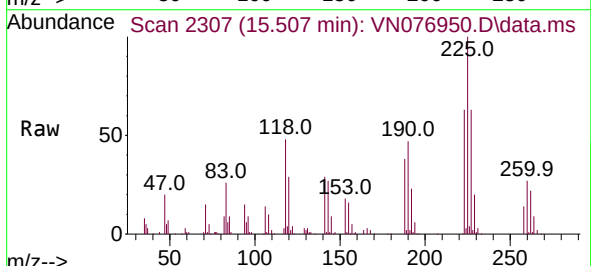
Tgt Ion:225 Resp: 179795

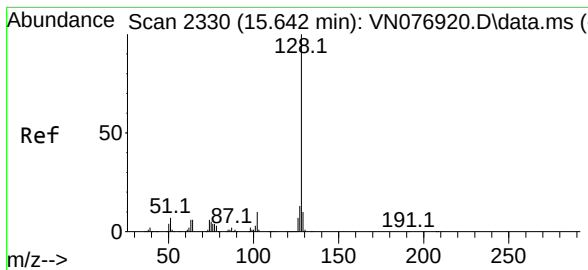
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.0

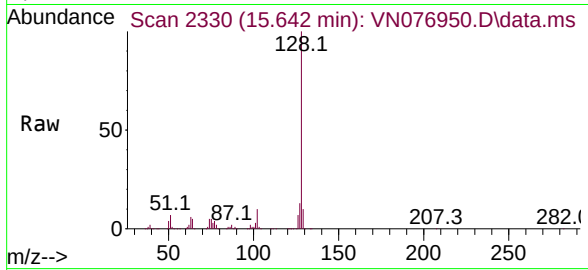
227 63.6 30.9 92.7





#95
Naphthalene
Concen: 50.134 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10

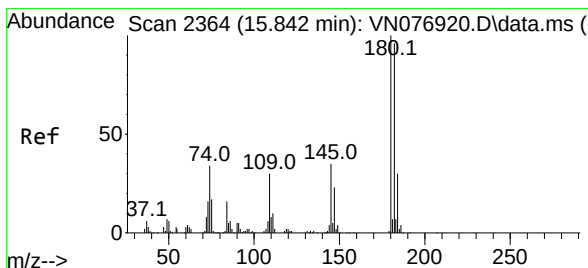
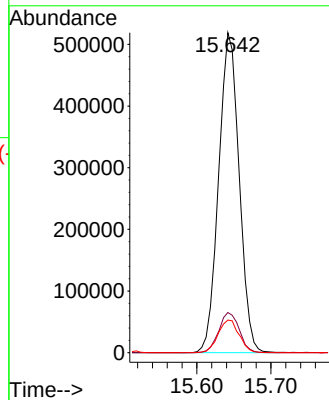
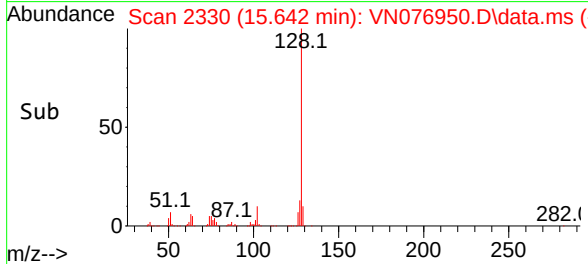
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



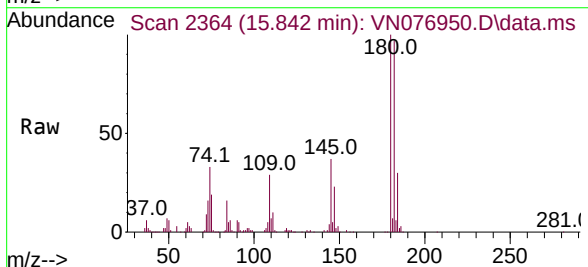
Tgt Ion:128 Resp: 998170
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.4 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.036 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076950.D
Acq: 13 Mar 2023 10:10



Tgt Ion:180 Resp: 318431
Ion Ratio Lower Upper
180 100
182 95.5 47.7 143.1
145 36.1 17.0 51.0

