

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076388.D
 Acq On : 24 Jan 2023 18:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 25 00:42:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	396117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	652149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	580162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	281220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	207889	46.872	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	8.171	113	179873	44.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.180%		
50) Toluene-d8	10.571	98	670474	44.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.000%		
62) 4-Bromofluorobenzene	12.853	95	234976	47.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	165070	40.665	ug/l	96
3) Chloromethane	2.377	50	185253	44.078	ug/l	96
4) Vinyl Chloride	2.530	62	253192	49.131	ug/l	100
5) Bromomethane	2.959	94	188386	44.639	ug/l	98
6) Chloroethane	3.124	64	170721	44.179	ug/l	97
7) Trichlorofluoromethane	3.512	101	300980	42.452	ug/l	98
8) Diethyl Ether	3.977	74	110533	46.481	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	170201	42.406	ug/l	97
10) Methyl Iodide	4.600	142	255989	41.755	ug/l	97
11) Tert butyl alcohol	5.536	59	118762	200.191	ug/l #	84
12) 1,1-Dichloroethene	4.353	96	158904	41.882	ug/l	87
13) Acrolein	4.195	56	146107	205.940	ug/l	100
14) Allyl chloride	5.036	41	196083	44.348	ug/l	97
15) Acrylonitrile	5.730	53	388923	230.379	ug/l	99
16) Acetone	4.442	43	325613	229.007	ug/l	99
17) Carbon Disulfide	4.730	76	365653	38.706	ug/l	98
18) Methyl Acetate	5.036	43	215860	44.798	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	557895	45.167	ug/l	99
20) Methylene Chloride	5.289	84	183484	43.534	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	171815	41.801	ug/l	96
22) Diisopropyl ether	6.683	45	497502	47.714	ug/l	98
23) Vinyl Acetate	6.612	43	1592896	236.377	ug/l	98
24) 1,1-Dichloroethane	6.583	63	308100	44.329	ug/l	99
25) 2-Butanone	7.488	43	486448	224.011	ug/l	95
26) 2,2-Dichloropropane	7.500	77	253955	43.353	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	208312	43.453	ug/l	97
28) Bromochloromethane	7.818	49	120610	42.813	ug/l	95
29) Tetrahydrofuran	7.847	42	319161	238.138	ug/l	96
30) Chloroform	7.971	83	347862	45.233	ug/l	100
31) Cyclohexane	8.265	56	266803	39.159	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	312946	44.571	ug/l	94
36) 1,1-Dichloropropene	8.377	75	247948	42.773	ug/l	99
37) Ethyl Acetate	7.571	43	201224	43.283	ug/l	98
38) Carbon Tetrachloride	8.365	117	278496	43.082	ug/l	99
39) Methylcyclohexane	9.606	83	302601	42.747	ug/l	99
40) Benzene	8.612	78	742950	42.862	ug/l	99

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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 VSTDC0050EC

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	109620	45.028	ug/l	97
42) 1,2-Dichloroethane	8.677	62	261850	44.152	ug/l	99
43) Isopropyl Acetate	8.694	43	343335	45.391	ug/l	98
44) Trichloroethene	9.359	130	197756	40.338	ug/l	100
45) 1,2-Dichloropropane	9.629	63	180430	43.477	ug/l	98
46) Dibromomethane	9.712	93	134316	42.867	ug/l	99
47) Bromodichloromethane	9.888	83	276771	45.543	ug/l	98
48) Methyl methacrylate	9.682	41	166320	46.446	ug/l	97
49) 1,4-Dioxane	9.700	88	66258	876.904	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1047315	235.864	ug/l	99
52) Toluene	10.629	92	492232	42.465	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	269569	46.532	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	300699	45.117	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	194986	44.008	ug/l	98
56) Ethyl methacrylate	10.876	69	273675	47.844	ug/l	97
57) 1,3-Dichloropropane	11.165	76	314781	43.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	403776	209.095	ug/l	99
59) 2-Hexanone	11.200	43	752748	233.939	ug/l	99
60) Dibromochloromethane	11.359	129	223703	47.963	ug/l	99
61) 1,2-Dibromoethane	11.471	107	198553	44.896	ug/l	98
64) Tetrachloroethene	11.106	164	190955	36.498	ug/l	97
65) Chlorobenzene	11.894	112	526872	42.961	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	204276	44.768	ug/l	99
67) Ethyl Benzene	11.965	91	962290	45.847	ug/l	99
68) m/p-Xylenes	12.070	106	757824	90.041	ug/l	100
69) o-Xylene	12.400	106	376740	45.581	ug/l	97
70) Styrene	12.412	104	619468	46.939	ug/l	98
71) Bromoform	12.582	173	156279	47.426	ug/l #	100
73) Isopropylbenzene	12.700	105	1000629	45.995	ug/l	100
74) N-amyl acetate	12.494	43	296785	47.426	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	276628	44.232	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	244431m	47.667	ug/l	
77) Bromobenzene	12.982	156	228130	44.794	ug/l	97
78) n-propylbenzene	13.035	91	1130959	46.073	ug/l	100
79) 2-Chlorotoluene	13.129	91	673048	44.682	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	838037	45.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	74860	44.291	ug/l	93
82) 4-Chlorotoluene	13.129	91	673048	44.682	ug/l	99
83) tert-Butylbenzene	13.441	119	737160	45.476	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	842124	46.080	ug/l	99
85) sec-Butylbenzene	13.617	105	1059493	47.103	ug/l	99
86) p-Isopropyltoluene	13.729	119	889012	48.065	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	432186	42.148	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	420983	43.173	ug/l	99
89) n-Butylbenzene	14.059	91	714781	48.681	ug/l	100
90) Hexachloroethane	14.335	117	154027	48.249	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	427605	41.869	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50013	46.005	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	201374	41.047	ug/l	99
94) Hexachlorobutadiene	15.506	225	109860	40.536	ug/l	99
95) Naphthalene	15.641	128	578199	39.955	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	195365	41.728	ug/l	99

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VSTDCCC050EC

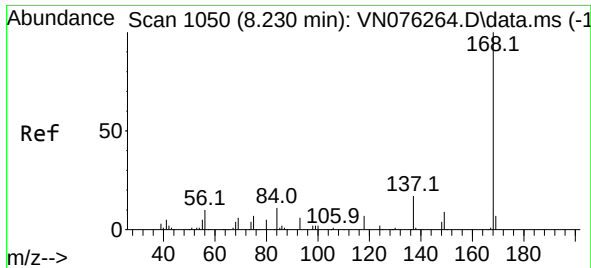
Manual Integrations
APPROVED

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QLast Update : Tue Jan 17 03:59:22 2023
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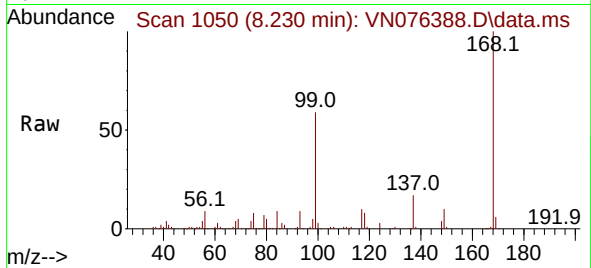
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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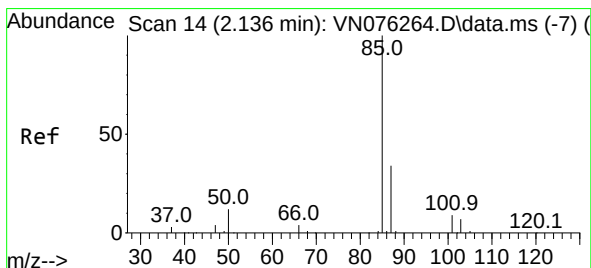
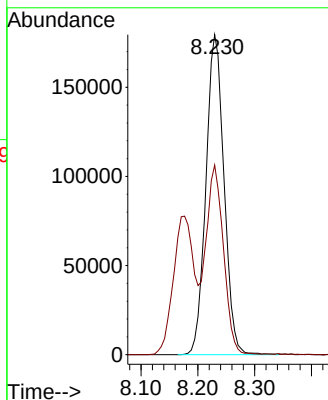
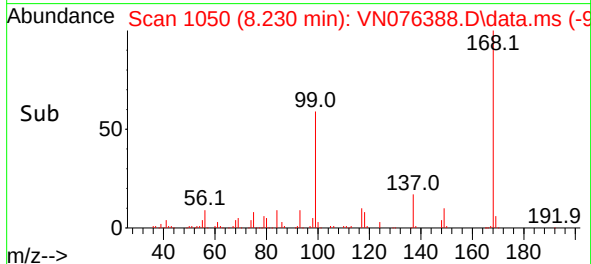
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



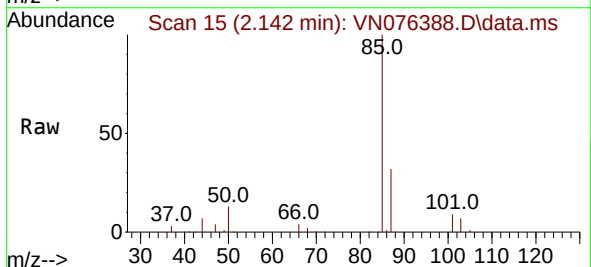
Tgt Ion:168 Resp: 39611
Ion Ratio Lower Upper
168 100
99 58.9 41.6 62.4

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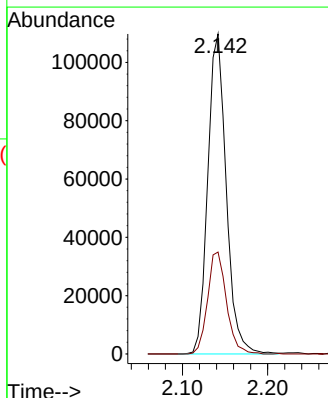
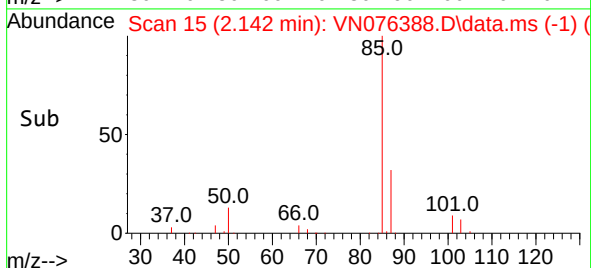
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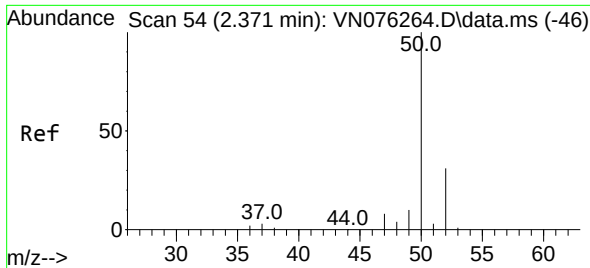


#2
Dichlorodifluoromethane
Concen: 40.665 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



Tgt Ion: 85 Resp: 165070
Ion Ratio Lower Upper
85 100
87 31.8 17.1 51.2





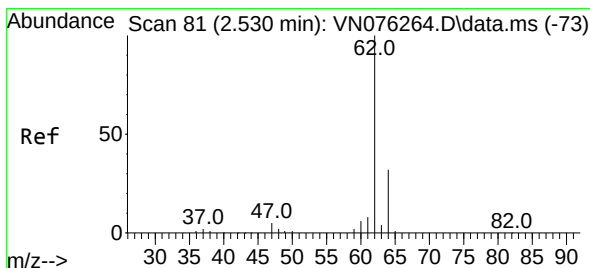
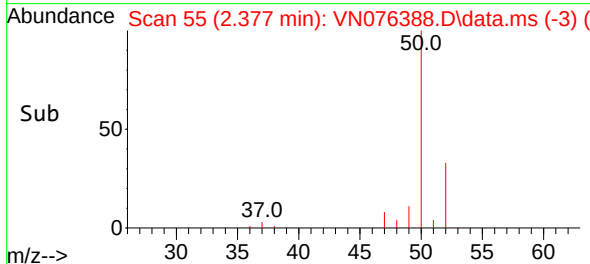
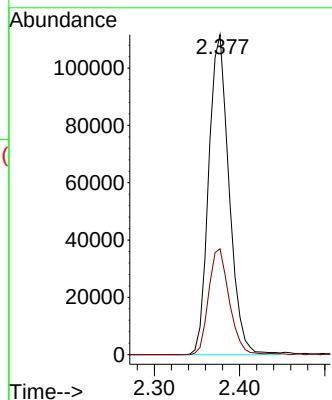
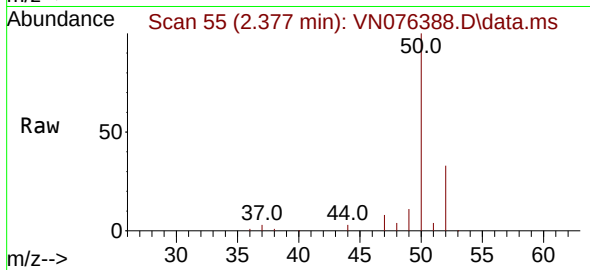
#3
Chloromethane
Concen: 44.078 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :
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VSTDCCC050EC

Tgt Ion: 50 Resp: 18525
Ion Ratio Lower Upper
50 100
52 33.1 24.8 37.2

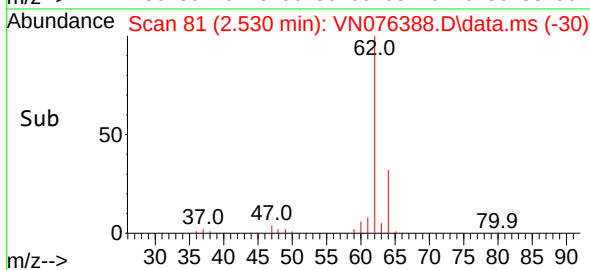
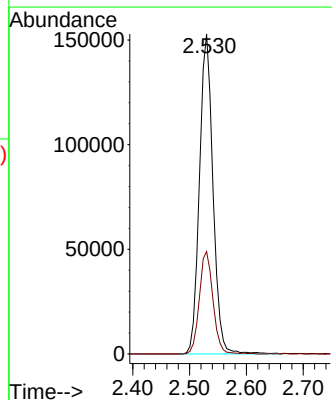
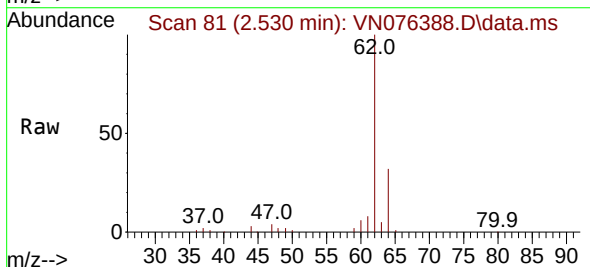
Manual Integrations
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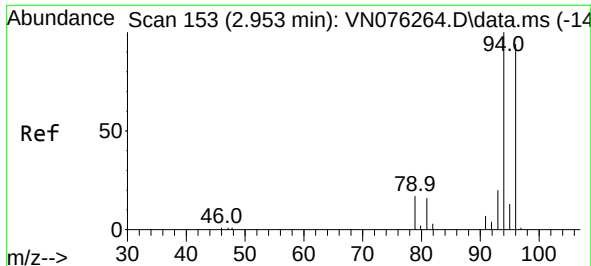
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#4
Vinyl Chloride
Concen: 49.131 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

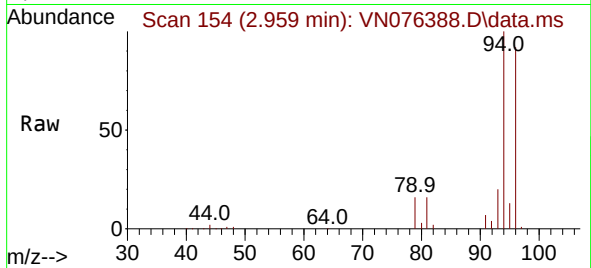
Tgt Ion: 62 Resp: 253192
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 44.639 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

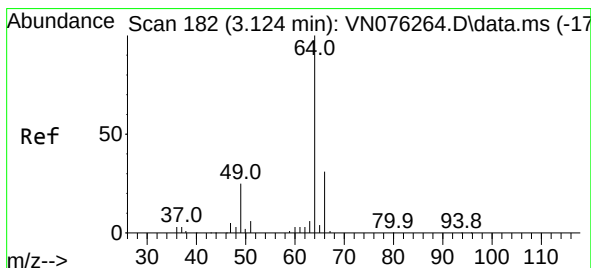
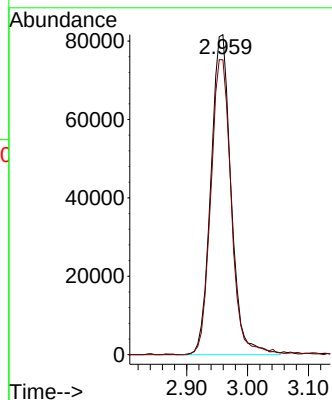
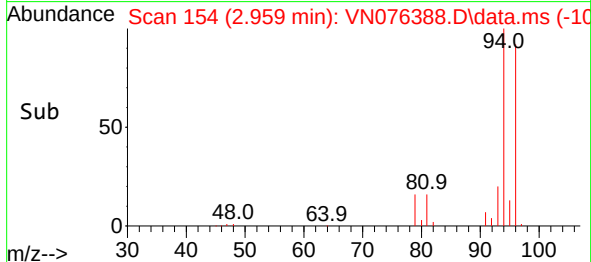
Instrument :
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Tgt Ion: 94 Resp: 188386
Ion Ratio Lower Upper
94 100
96 92.2 75.1 112.7

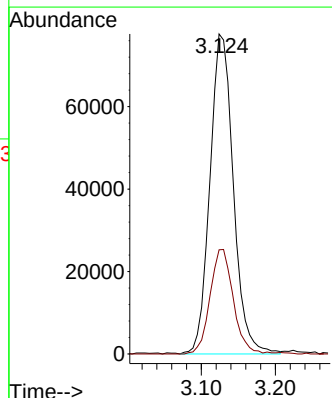
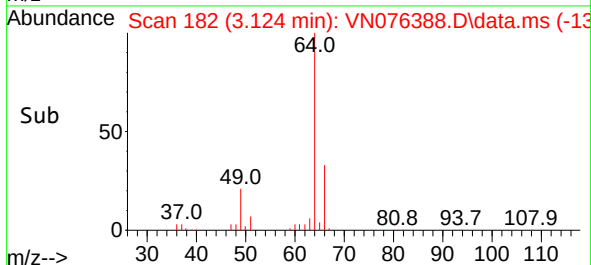
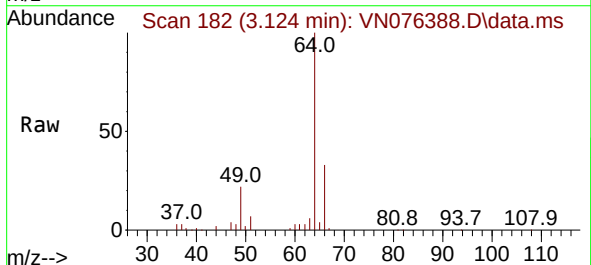
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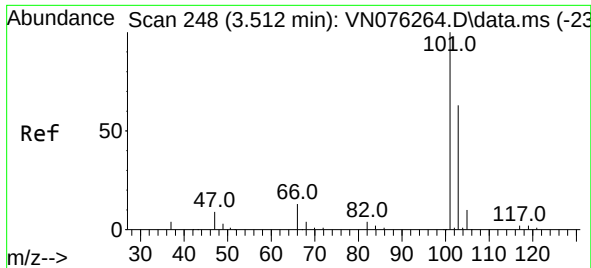
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#6
Chloroethane
Concen: 44.179 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 64 Resp: 170721
Ion Ratio Lower Upper
64 100
66 32.6 24.8 37.2





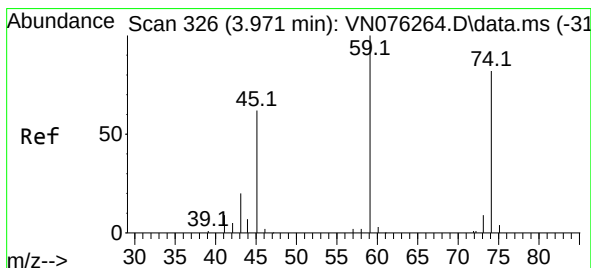
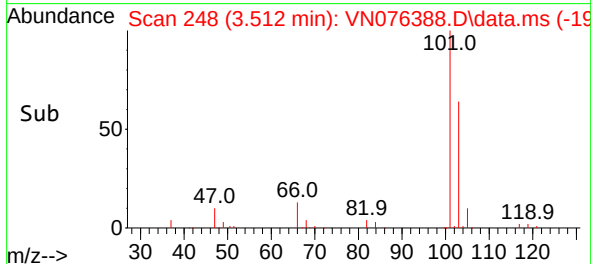
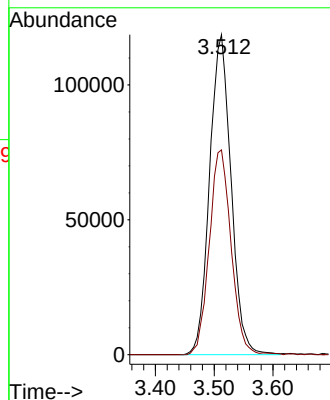
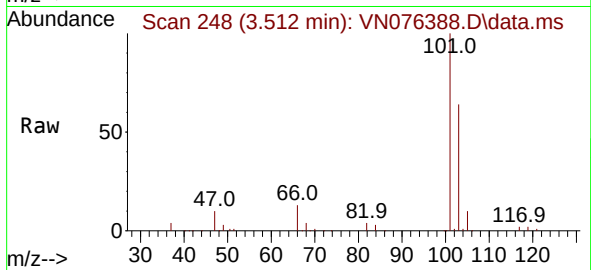
#7
Trichlorofluoromethane
Concen: 42.452 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 300980
Ion Ratio Lower Upper
101 100
103 64.0 50.2 75.4

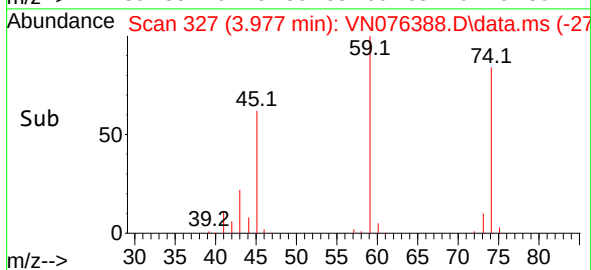
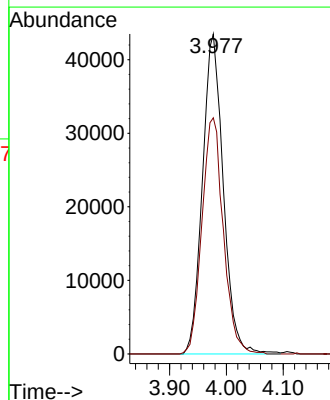
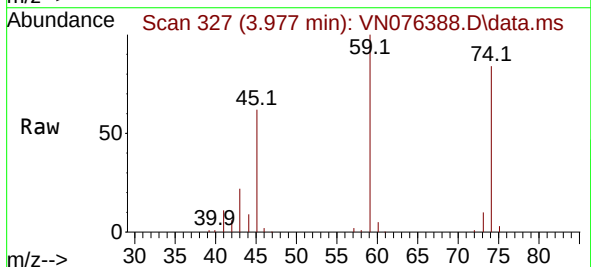
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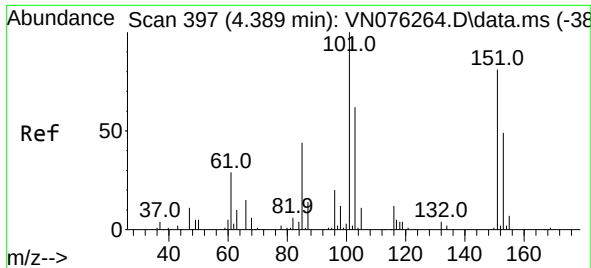
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#8
Diethyl Ether
Concen: 46.481 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 74 Resp: 110533
Ion Ratio Lower Upper
74 100
45 75.8 37.8 113.3





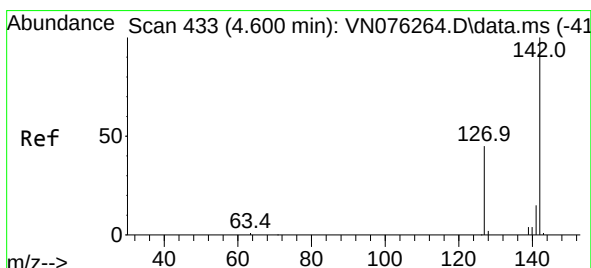
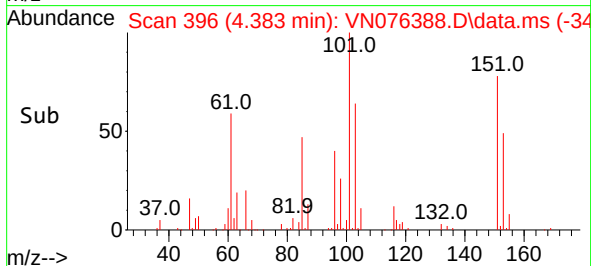
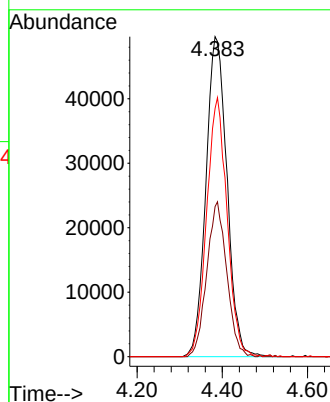
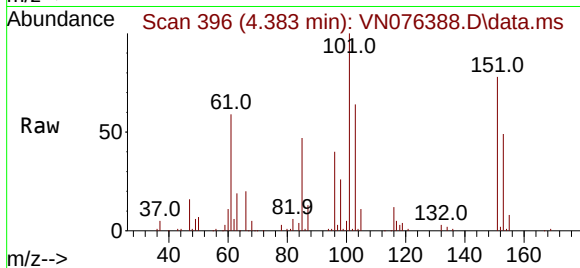
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.406 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 17020
Ion Ratio Lower Upper
101 100
85 45.9 35.5 53.3
151 78.5 65.5 98.3

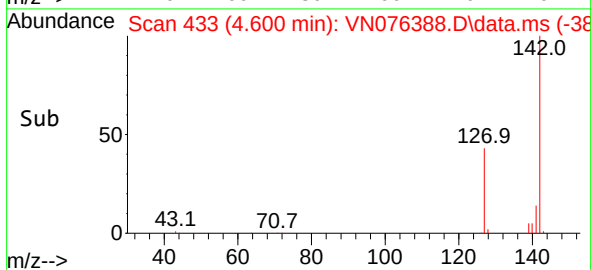
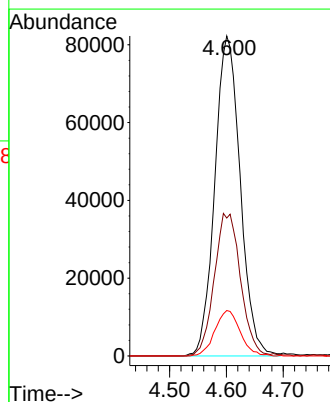
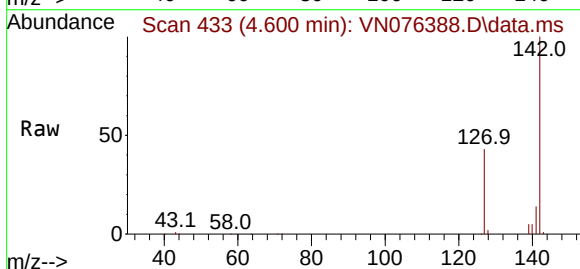
Manual Integrations
APPROVED

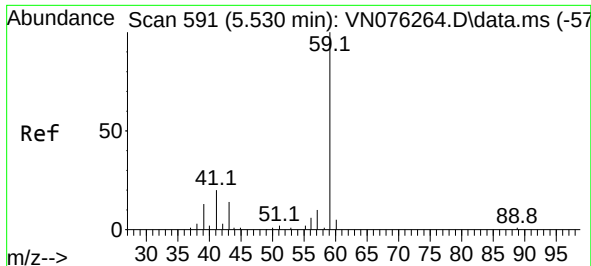
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#10
Methyl Iodide
Concen: 41.755 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

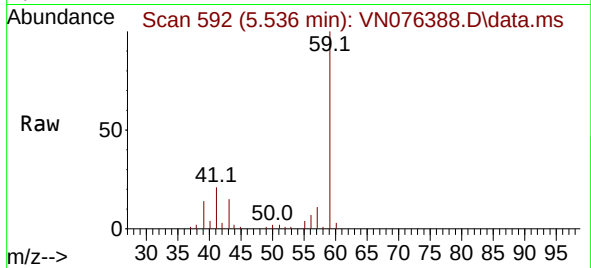
Tgt Ion:142 Resp: 255989
Ion Ratio Lower Upper
142 100
127 46.2 35.0 52.4
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 200.191 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

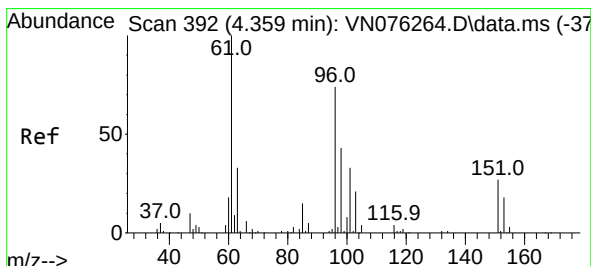
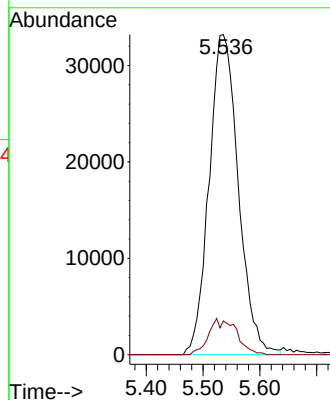
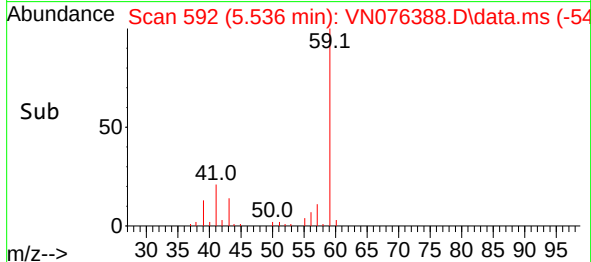
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 118762
Ion Ratio Lower Upper
59 100
57 4.8 8.5 12.7

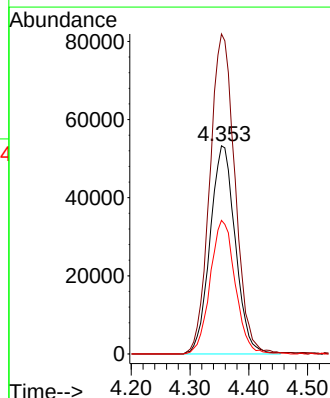
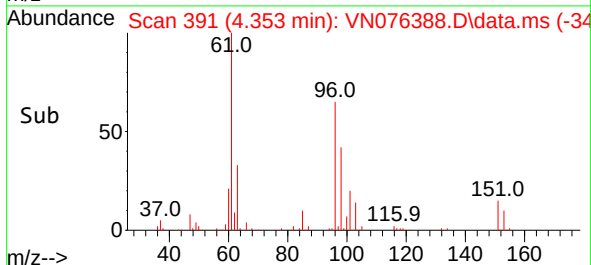
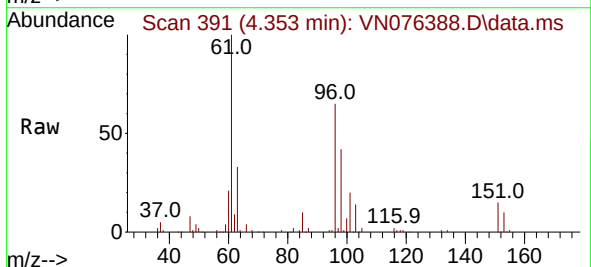
Manual Integrations
APPROVED

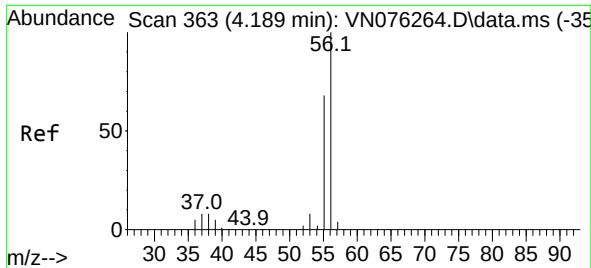
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#12
1,1-Dichloroethene
Concen: 41.882 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

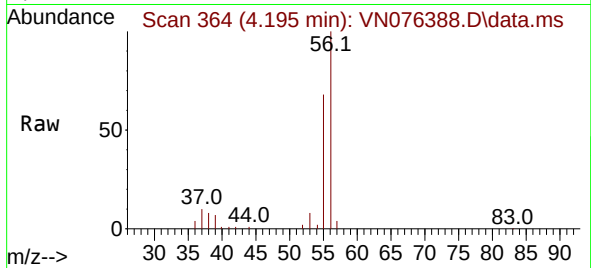
Tgt Ion: 96 Resp: 158904
Ion Ratio Lower Upper
96 100
61 153.7 108.2 162.4
98 64.2 47.0 70.6





#13
Acrolein
Concen: 205.940 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

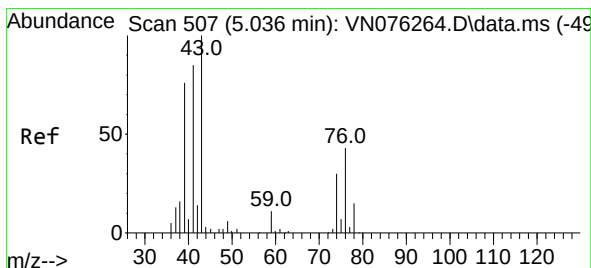
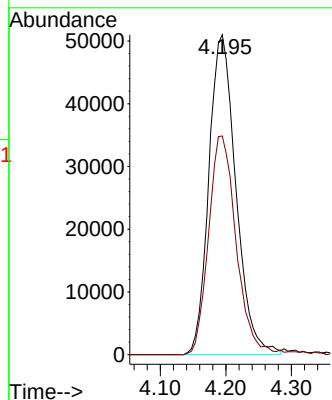
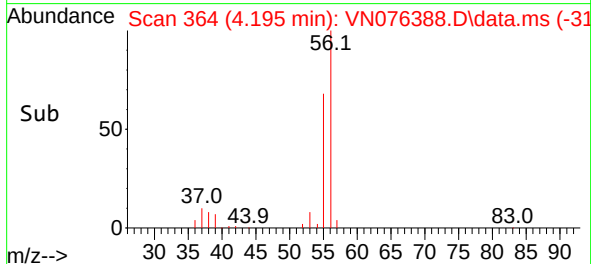
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14610
Ion Ratio Lower Upper
56 100
55 69.4 55.8 83.6

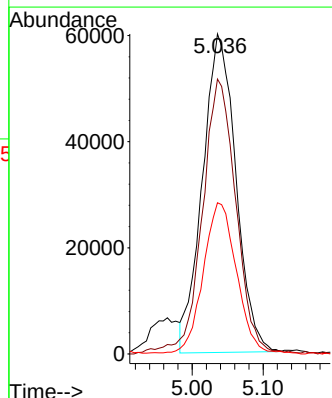
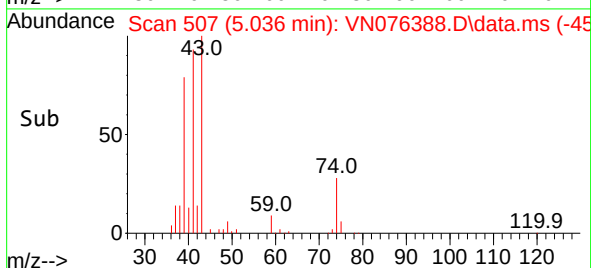
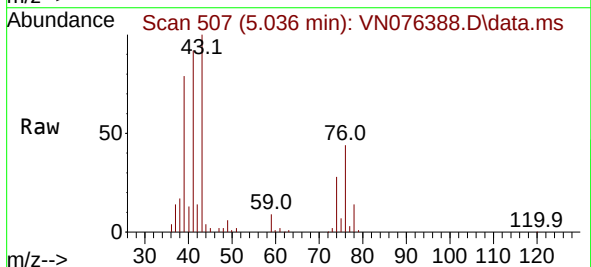
Manual Integrations
APPROVED

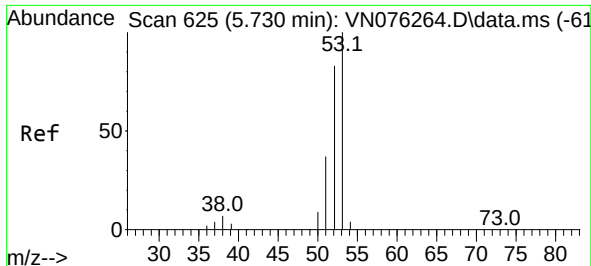
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#14
Allyl chloride
Concen: 44.348 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

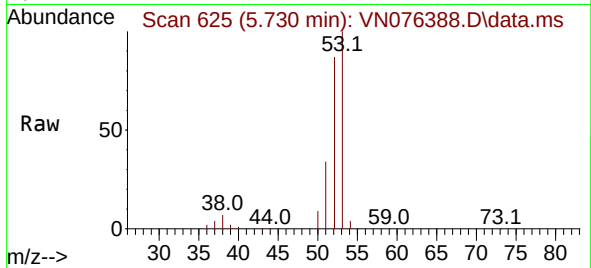
Tgt Ion: 41 Resp: 196083
Ion Ratio Lower Upper
41 100
39 87.2 67.4 101.0
76 47.7 39.8 59.8





#15
Acrylonitrile
Concen: 230.379 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

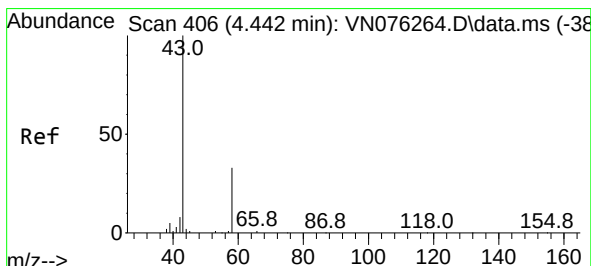
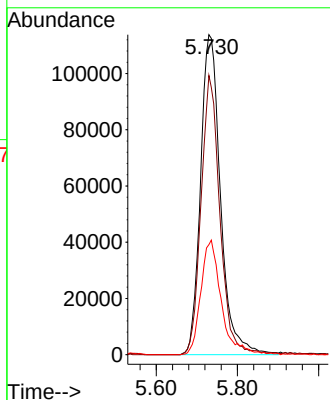
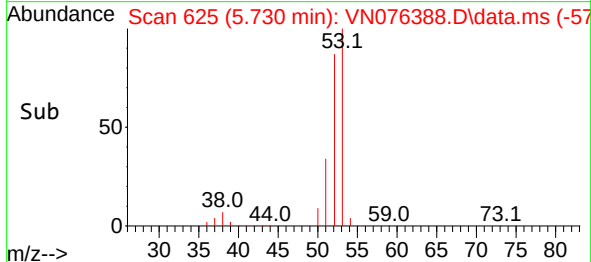
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 38892
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 36.6 29.2 43.8

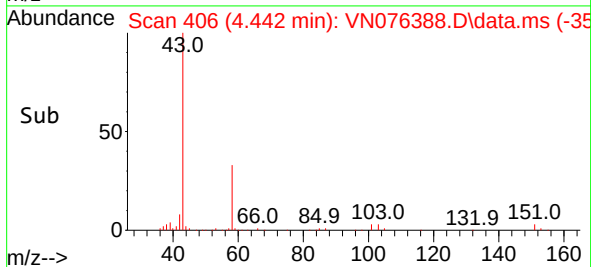
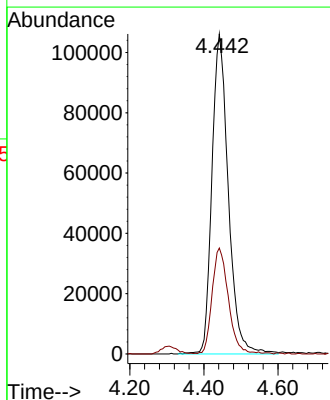
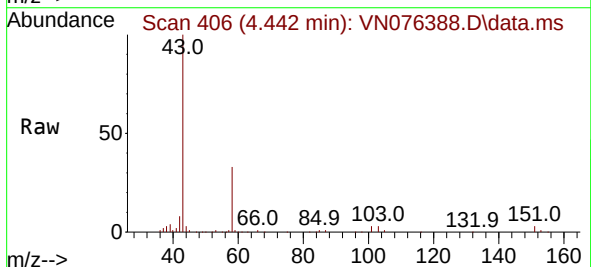
Manual Integrations
APPROVED

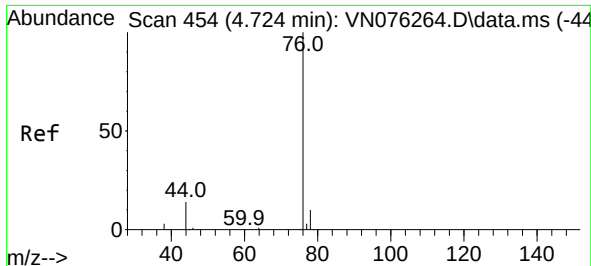
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#16
Acetone
Concen: 229.007 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 43 Resp: 325613
Ion Ratio Lower Upper
43 100
58 32.8 26.7 40.1





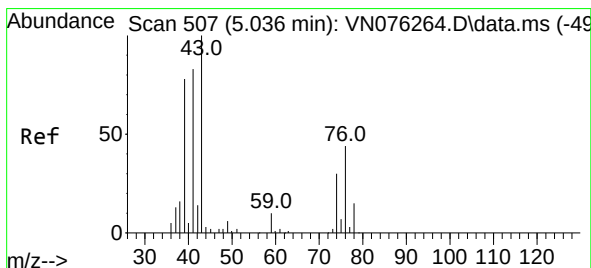
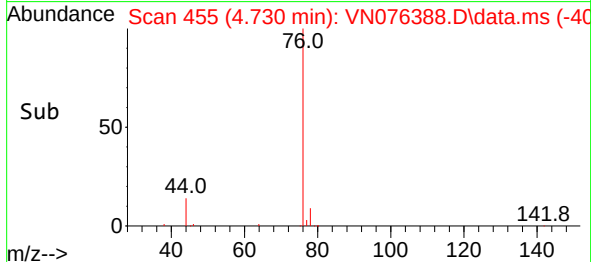
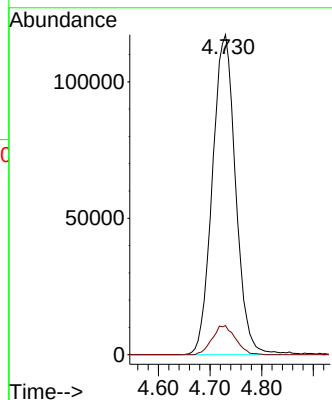
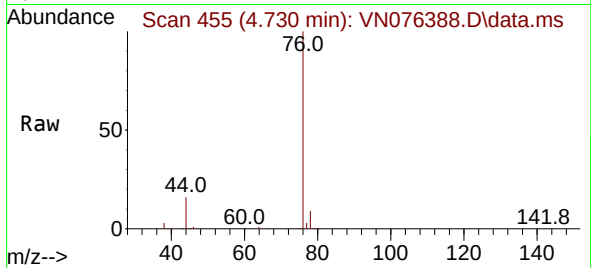
#17
Carbon Disulfide
Concen: 38.706 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 36565
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0

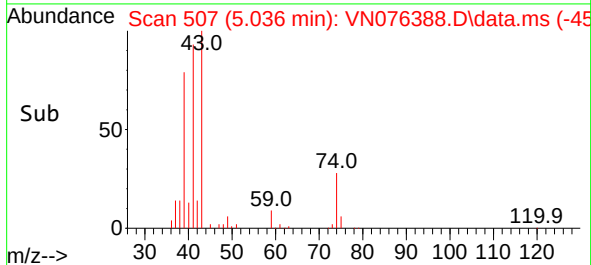
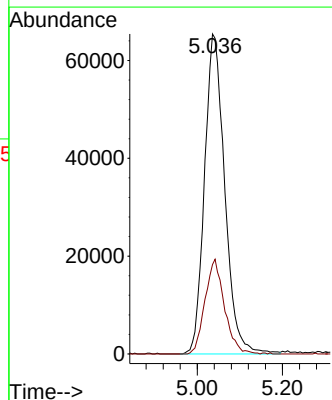
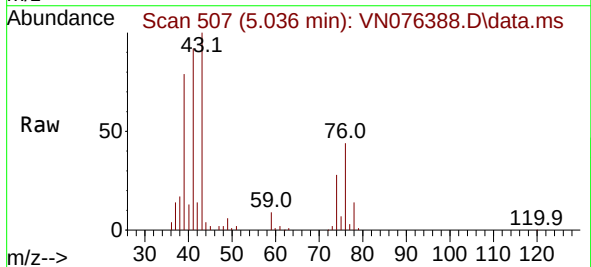
Manual Integrations
APPROVED

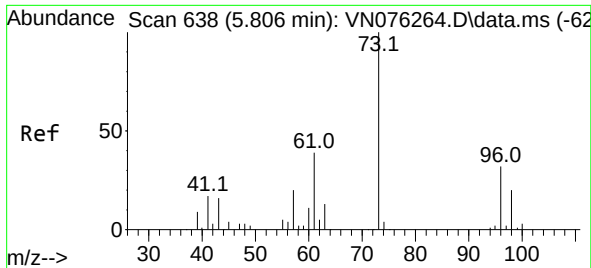
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#18
Methyl Acetate
Concen: 44.798 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 43 Resp: 215860
Ion Ratio Lower Upper
43 100
74 28.4 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 45.167 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

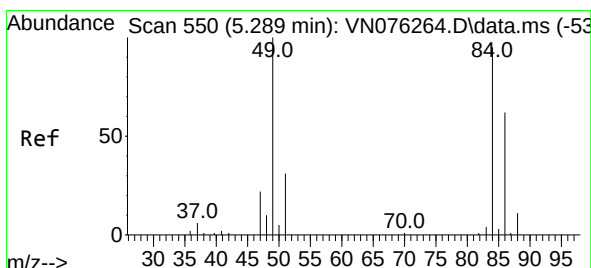
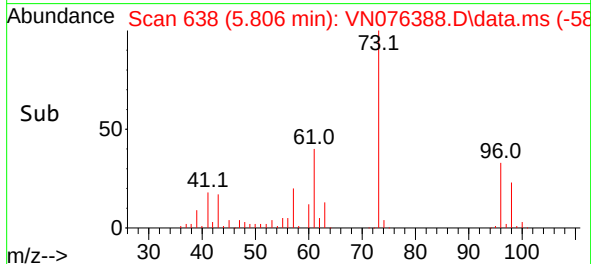
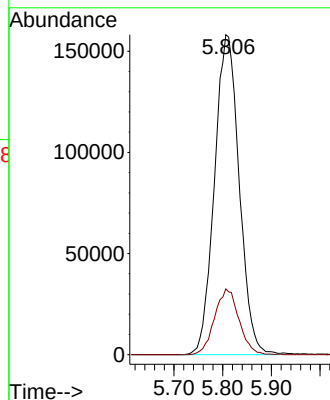
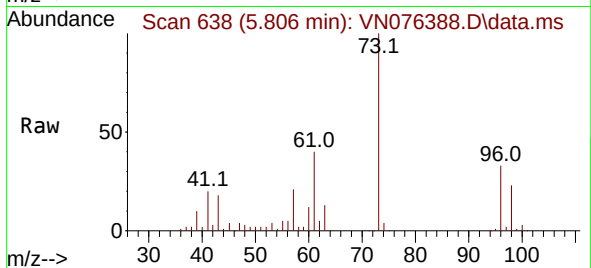
VSTDCCC050EC

Tgt Ion: 73 Resp: 55789
Ion Ratio Lower Upper
73 100
57 20.6 15.9 23.9

Manual Integrations

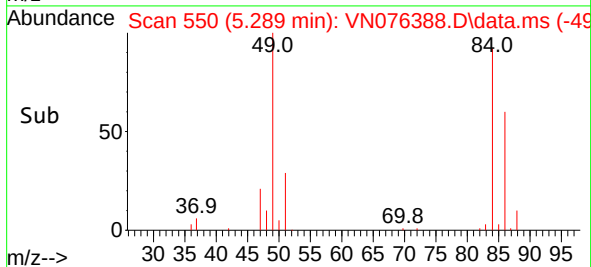
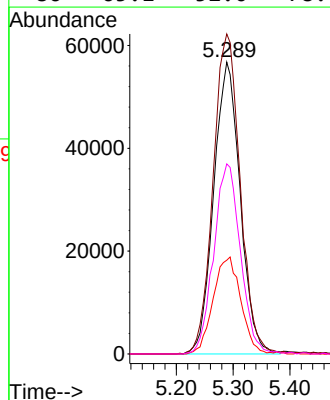
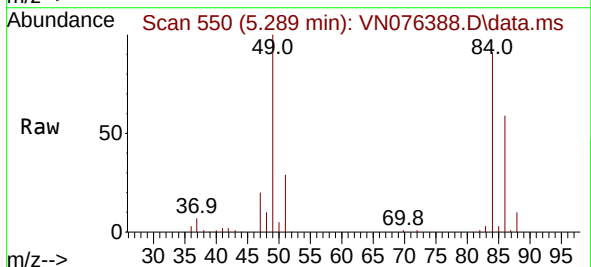
APPROVED

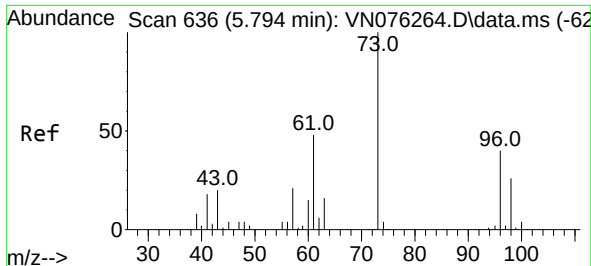
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#20
Methylene Chloride
Concen: 43.534 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

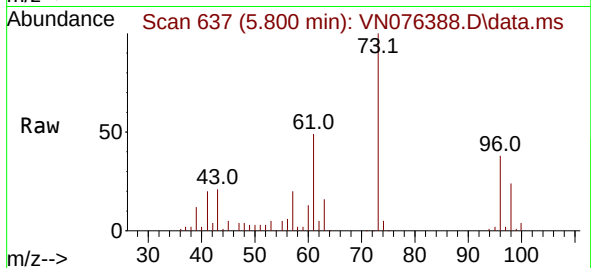
Tgt Ion: 84 Resp: 183484
Ion Ratio Lower Upper
84 100
49 109.4 84.5 126.7
51 32.1 26.0 39.0
86 65.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 41.801 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

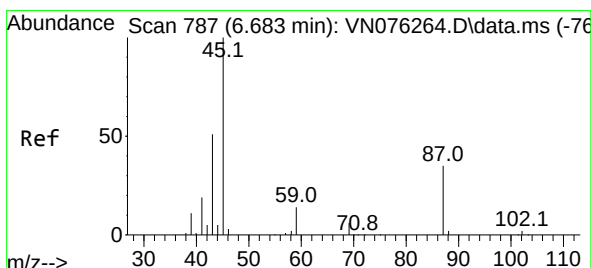
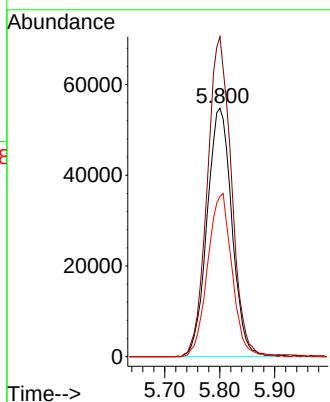
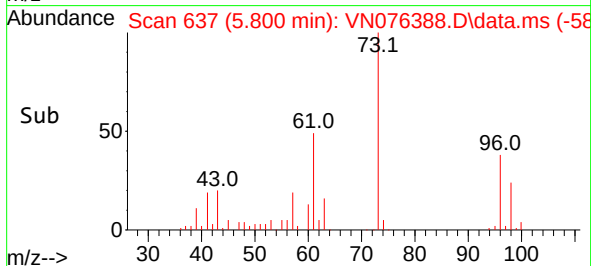
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 17181
Ion Ratio Lower Upper
96 100
61 128.5 97.0 145.4
98 64.6 51.9 77.9

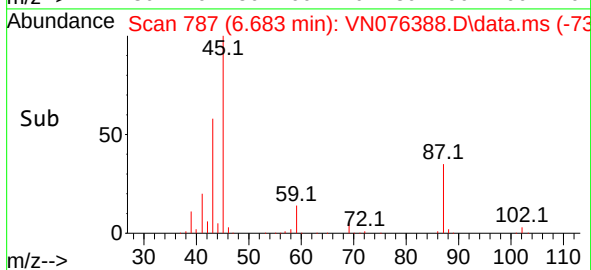
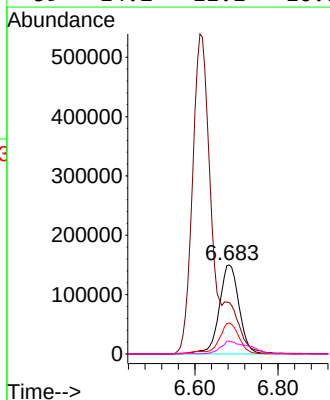
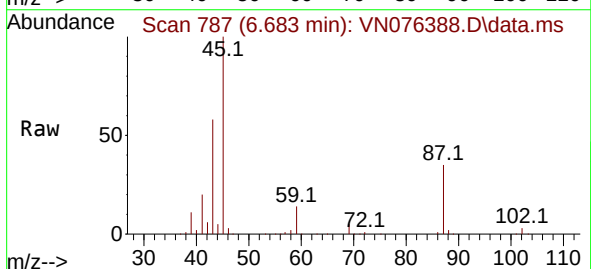
Manual Integrations
APPROVED

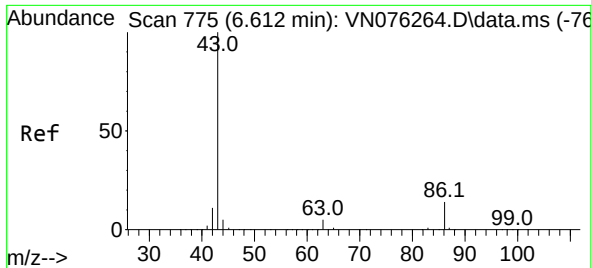
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#22
Diisopropyl ether
Concen: 47.714 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

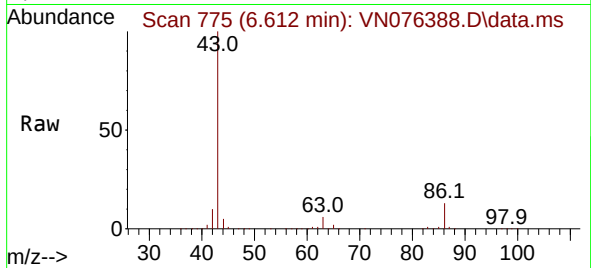
Tgt Ion: 45 Resp: 497502
Ion Ratio Lower Upper
45 100
43 56.8 44.4 66.6
87 34.7 28.4 42.6
59 14.2 11.1 16.7





#23
 Vinyl Acetate
 Concen: 236.377 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076388.D
 Acq: 24 Jan 2023 18:22

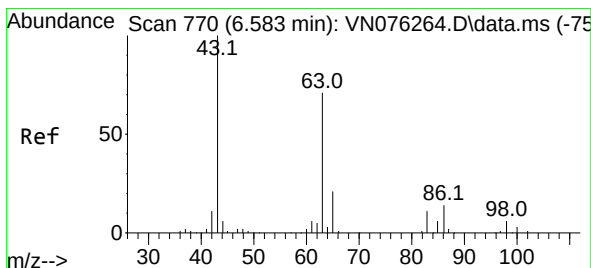
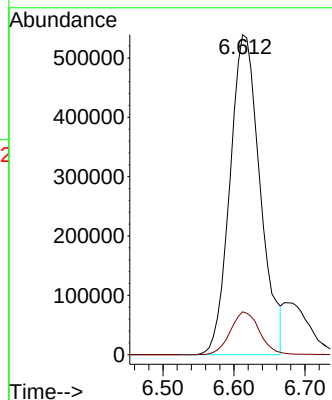
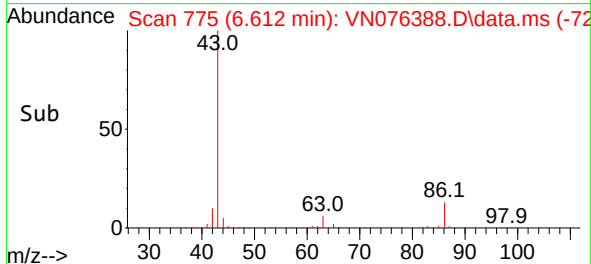
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



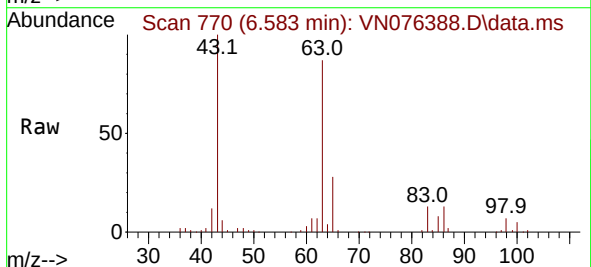
Tgt Ion: 43 Resp: 1592890
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8

Manual Integrations
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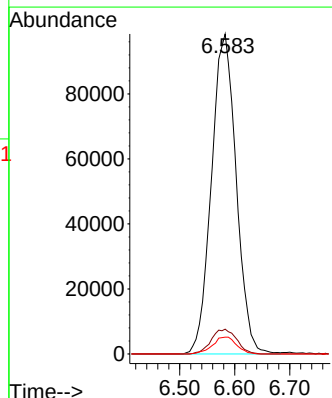
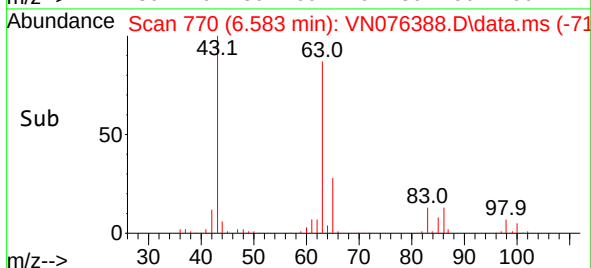
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

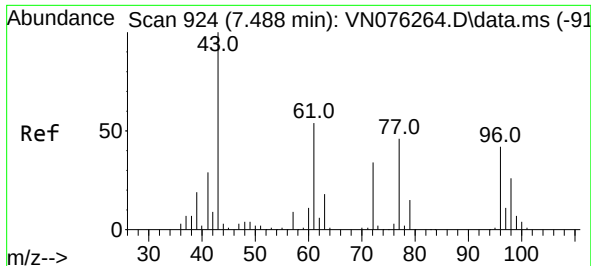


#24
 1,1-Dichloroethane
 Concen: 44.329 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076388.D
 Acq: 24 Jan 2023 18:22



Tgt Ion: 63 Resp: 308100
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 224.011 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 486448

Ion Ratio Lower Upper

43 100

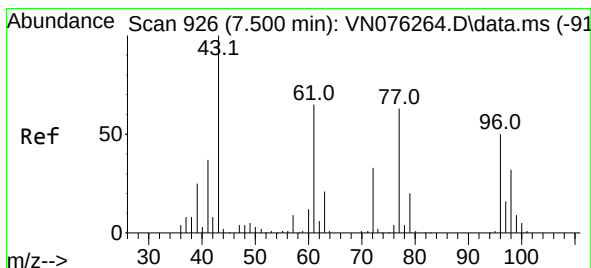
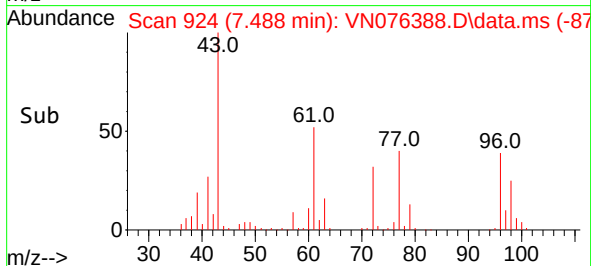
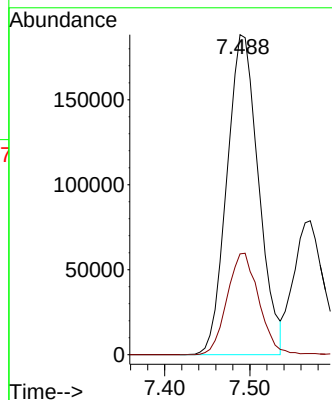
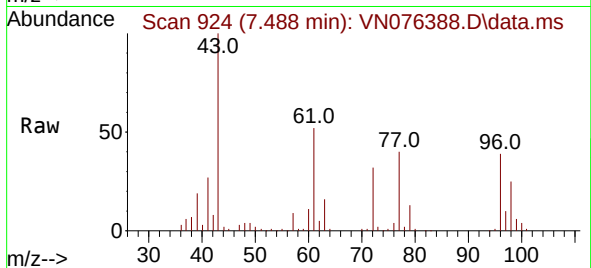
72 31.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#26

2,2-Dichloropropane

Concen: 43.353 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076388.D

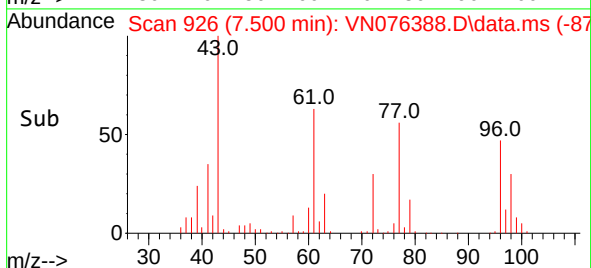
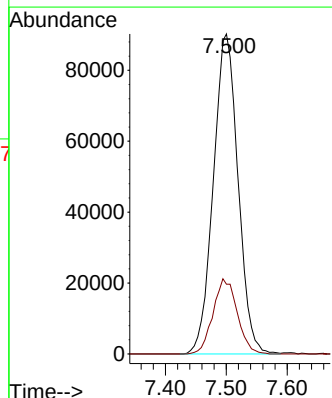
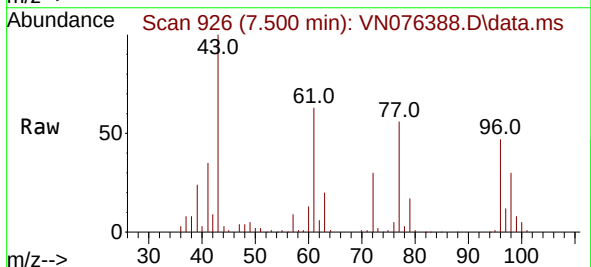
Acq: 24 Jan 2023 18:22

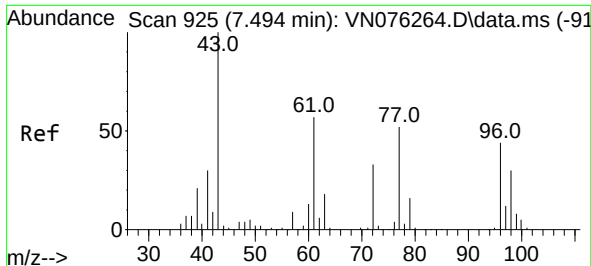
Tgt Ion: 77 Resp: 253955

Ion Ratio Lower Upper

77 100

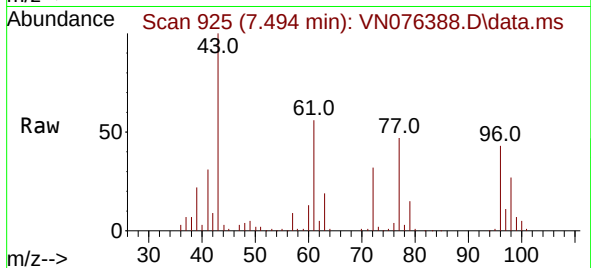
97 23.0 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 43.453 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076388.D
 Acq: 24 Jan 2023 18:22

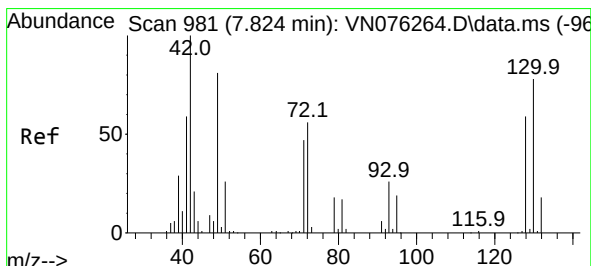
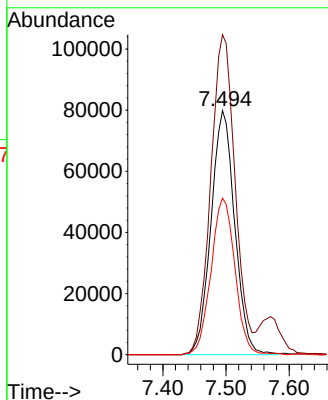
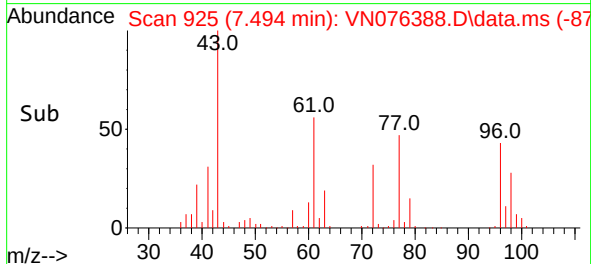
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 20831
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 259.6
 98 64.6 0.0 129.4

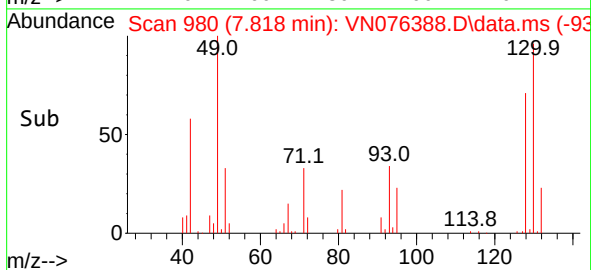
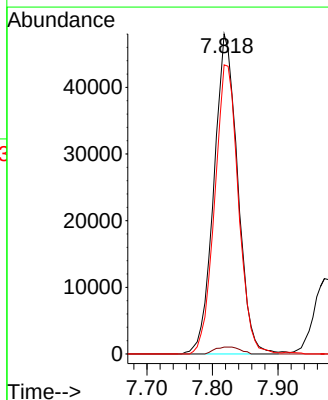
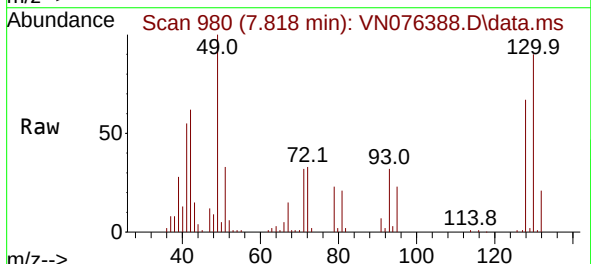
Manual Integrations
 APPROVED

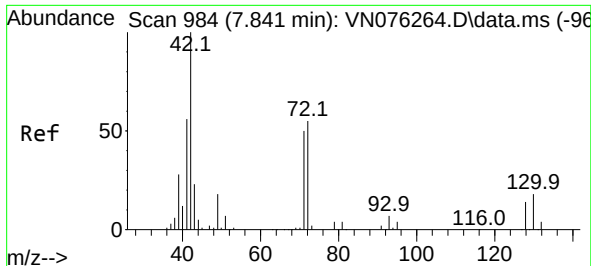
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#28
 Bromochloromethane
 Concen: 42.813 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076388.D
 Acq: 24 Jan 2023 18:22

Tgt Ion: 49 Resp: 120610
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 90.1 76.0 114.0





#29

Tetrahydrofuran

Concen: 238.138 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 31916

Ion Ratio Lower Upper

42 100

72 52.9 44.0 66.0

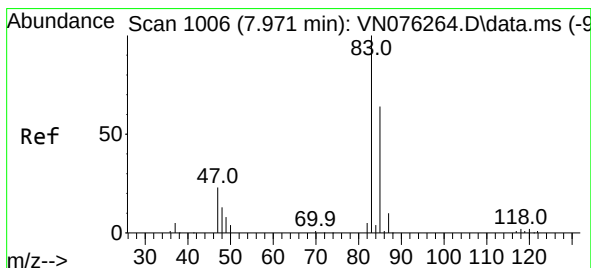
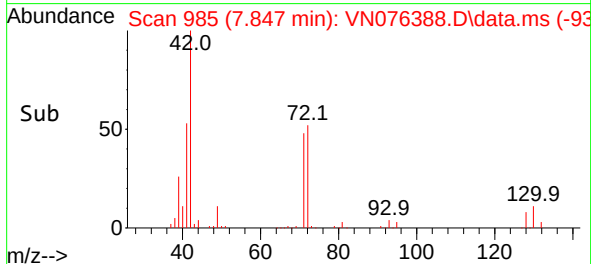
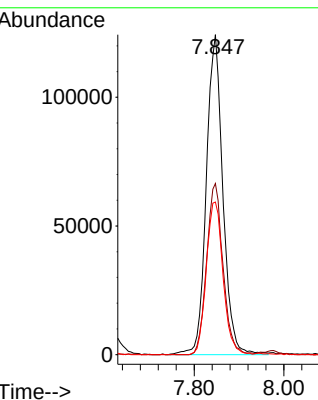
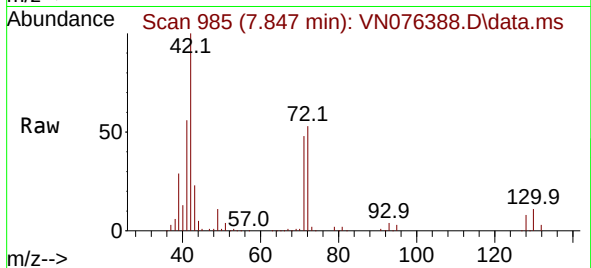
71 48.3 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#30

Chloroform

Concen: 45.233 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076388.D

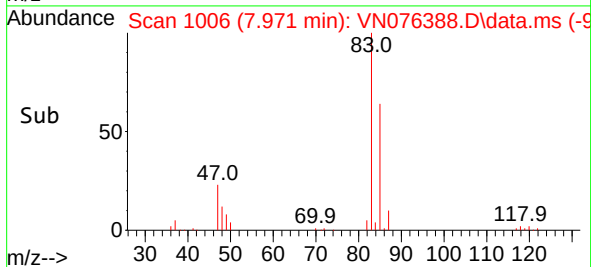
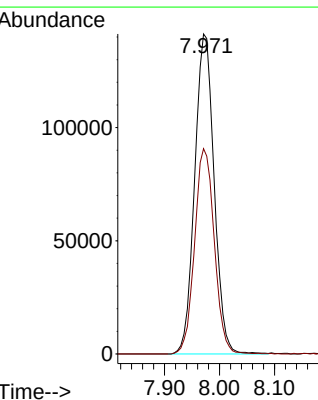
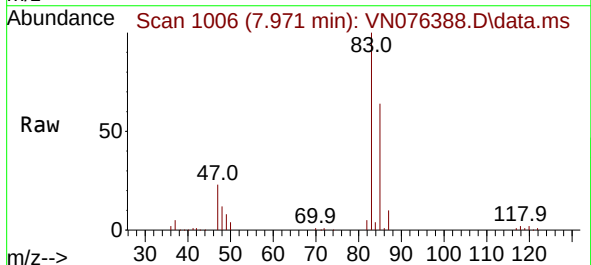
Acq: 24 Jan 2023 18:22

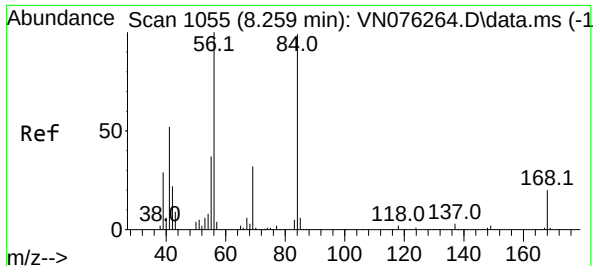
Tgt Ion: 83 Resp: 347862

Ion Ratio Lower Upper

83 100

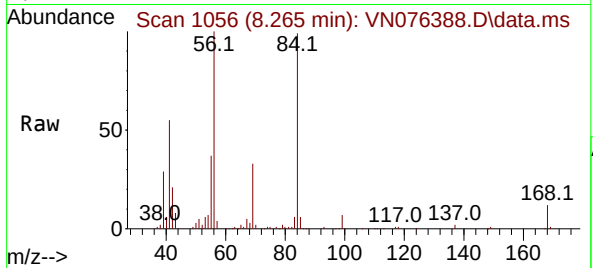
85 64.1 51.0 76.6





#31
Cyclohexane
Concen: 39.159 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

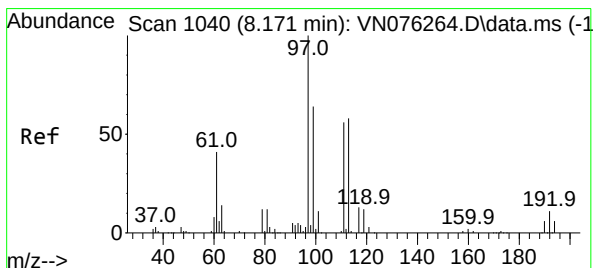
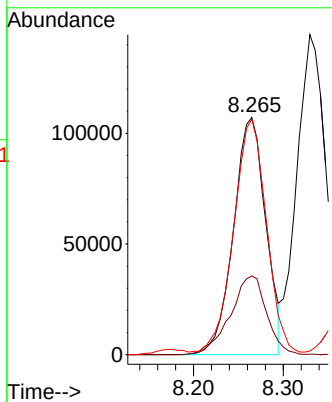
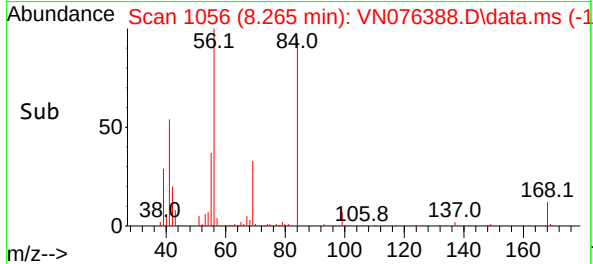
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



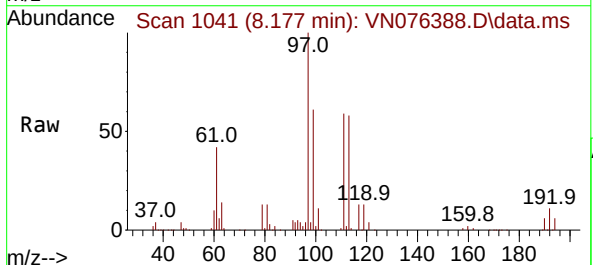
Tgt Ion: 56 Resp: 26680
Ion Ratio Lower Upper
56 100
69 33.2 25.8 38.8
84 97.5 79.0 118.4

Manual Integrations
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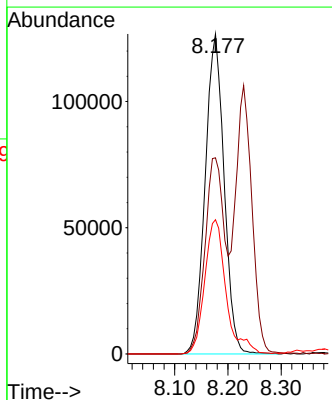
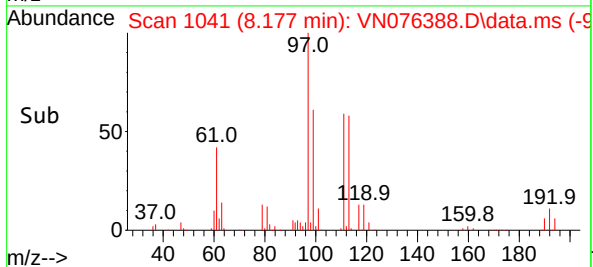
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

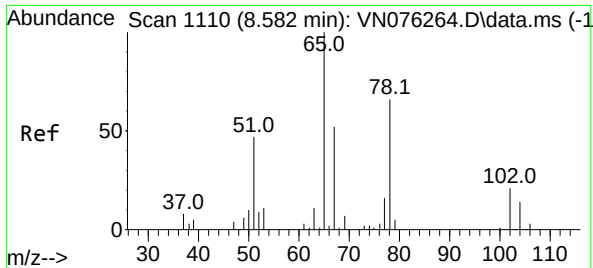


#32
1,1,1-Trichloroethane
Concen: 44.571 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



Tgt Ion: 97 Resp: 312946
Ion Ratio Lower Upper
97 100
99 62.7 55.0 82.4
61 47.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 46.872 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 207889

Ion Ratio Lower Upper

65 100

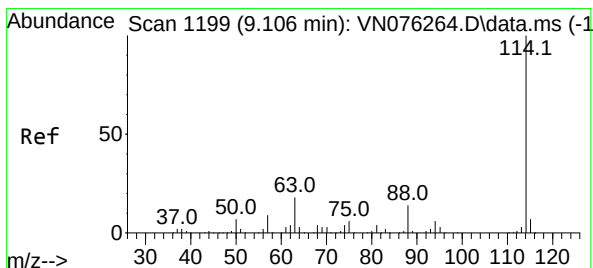
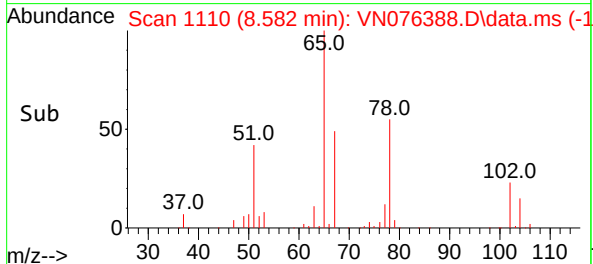
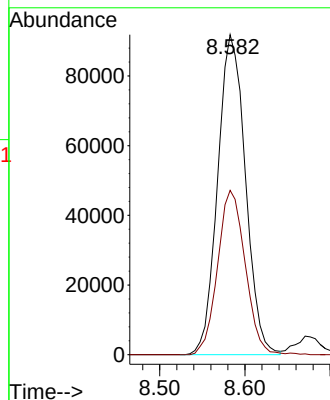
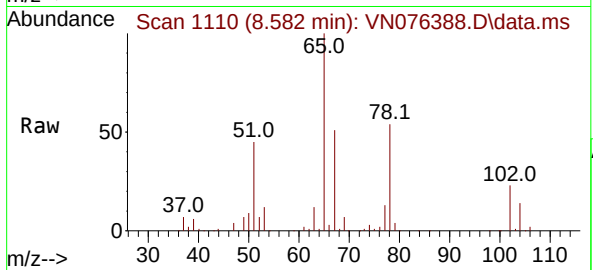
67 51.2 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

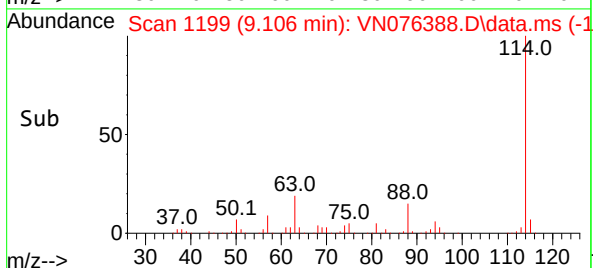
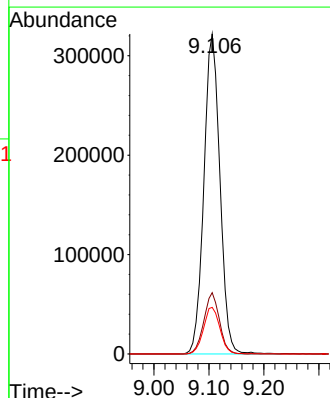
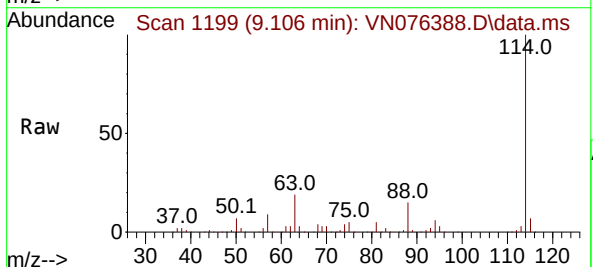
Tgt Ion:114 Resp: 652149

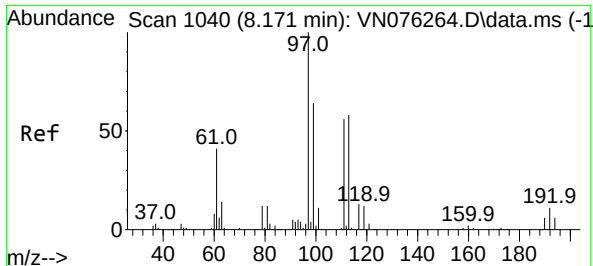
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

88 14.6 0.0 28.0





#35

Dibromofluoromethane

Concen: 44.092 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076388.D

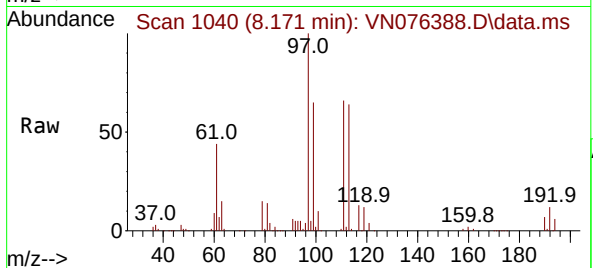
Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



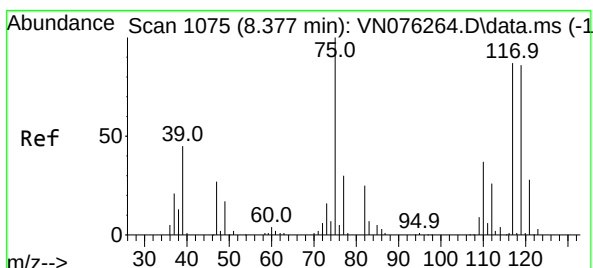
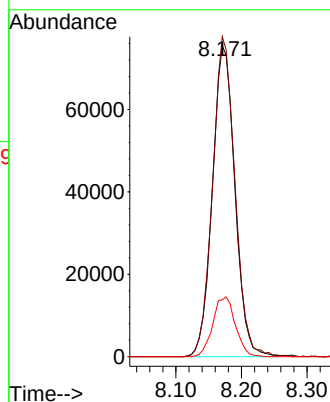
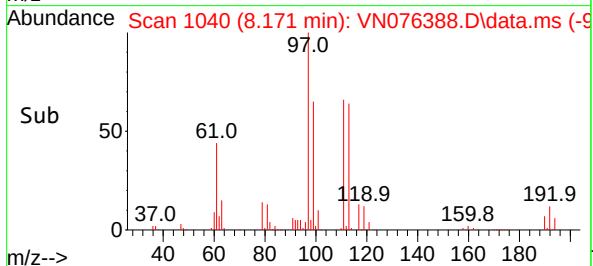
Tgt Ion:	113	Resp:	17987
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.7	124.1
192	19.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#36

1,1-Dichloropropene

Concen: 42.773 ug/l

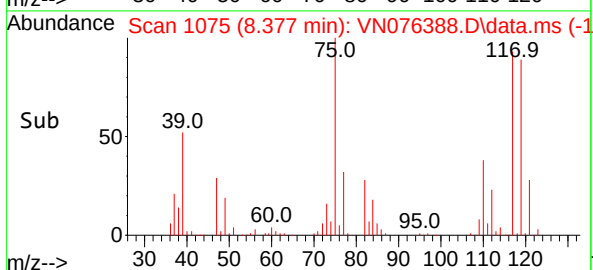
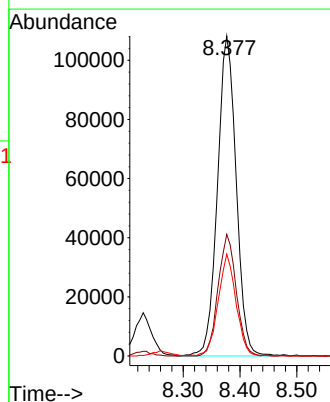
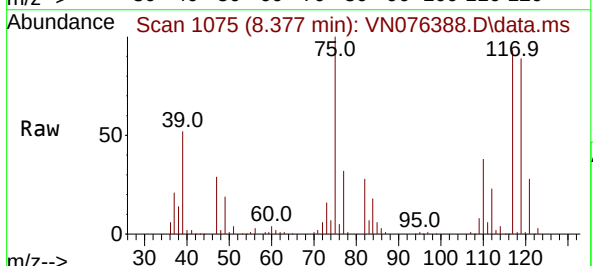
RT: 8.377 min Scan# 1075

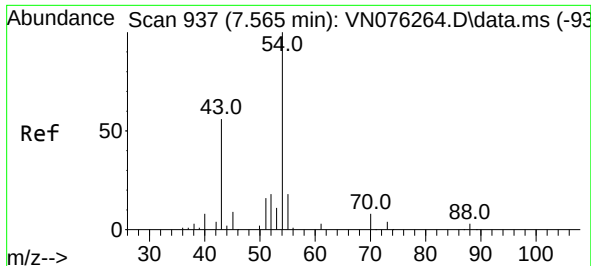
Delta R.T. -0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Tgt Ion:	75	Resp:	247948
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.8	56.3
77	30.2	25.0	37.4





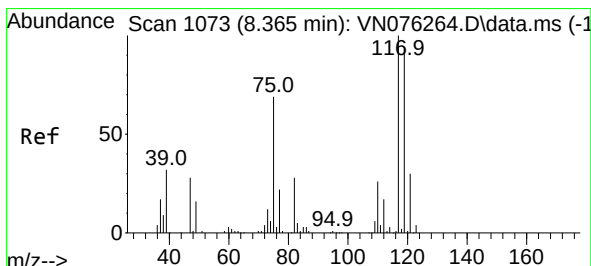
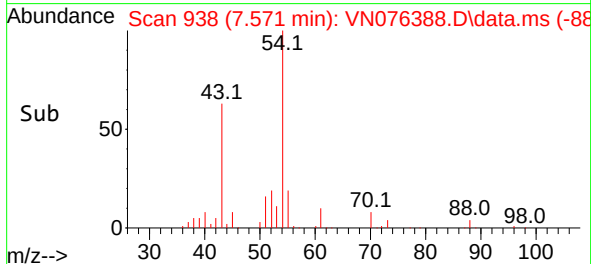
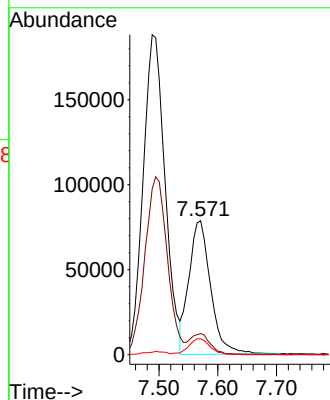
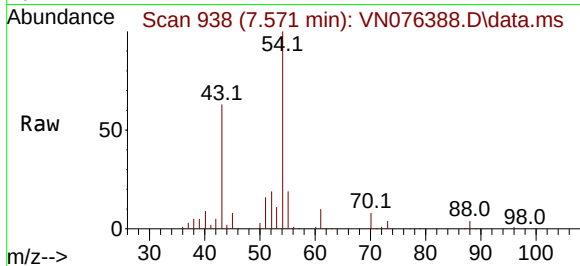
#37
Ethyl Acetate
Concen: 43.283 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 201224
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 11.6 10.0 15.0

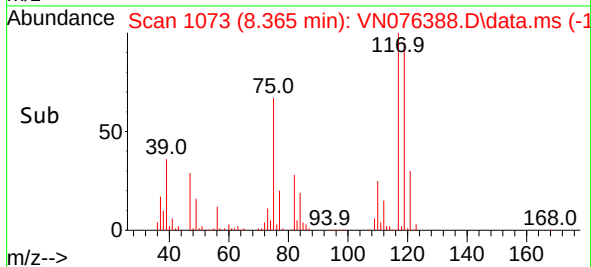
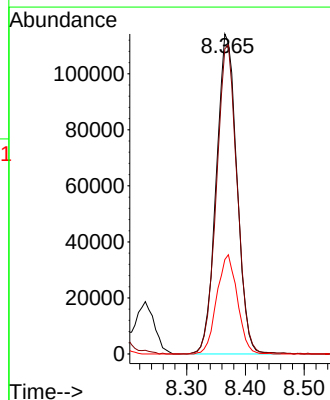
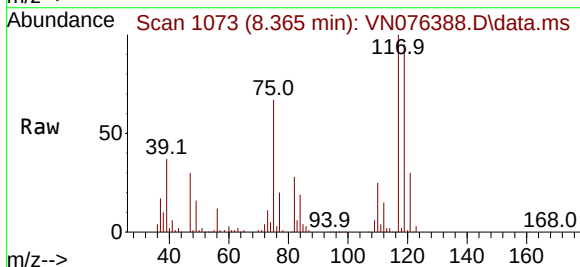
Manual Integrations
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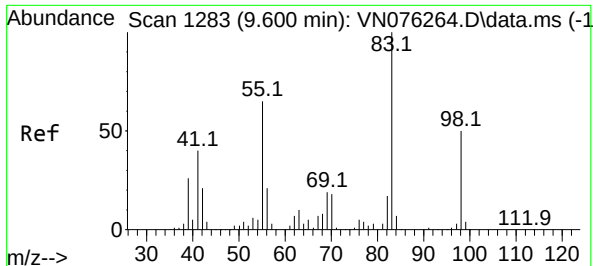
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#38
Carbon Tetrachloride
Concen: 43.082 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion:117 Resp: 278496
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.0
121 29.5 24.2 36.2





#39

Methylcyclohexane

Concen: 42.747 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 30260

Ion Ratio Lower Upper

83 100

55 63.7 51.7 77.5

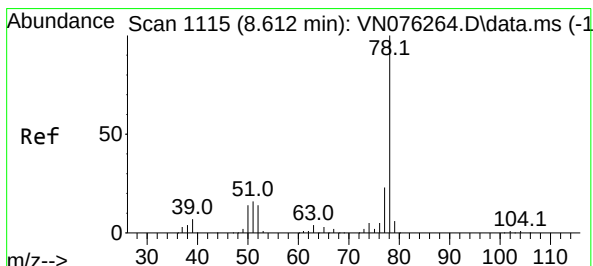
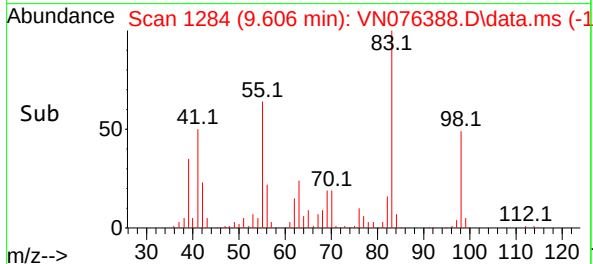
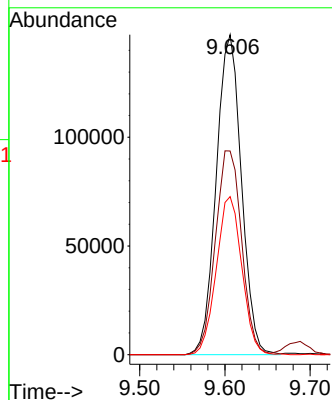
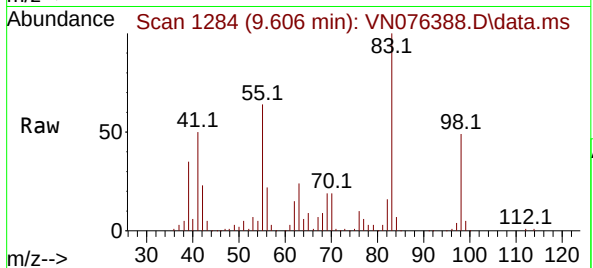
98 49.4 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#40

Benzene

Concen: 42.862 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076388.D

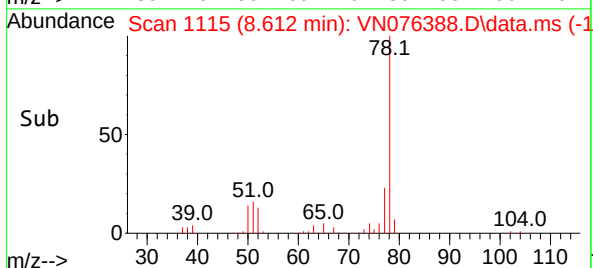
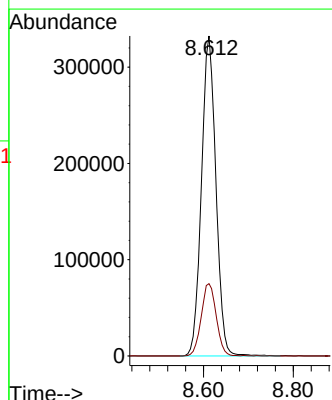
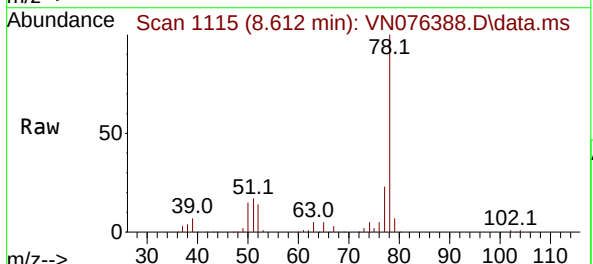
Acq: 24 Jan 2023 18:22

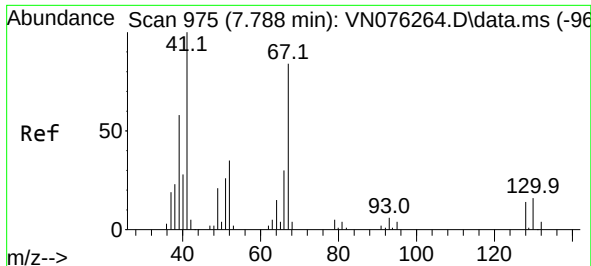
Tgt Ion: 78 Resp: 742950

Ion Ratio Lower Upper

78 100

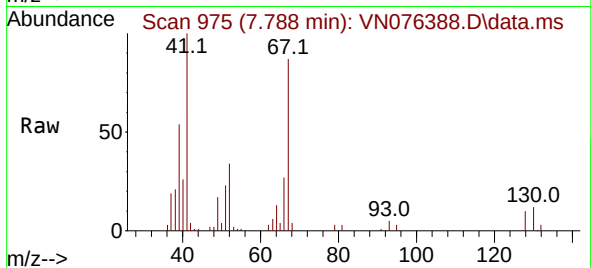
77 22.6 18.6 28.0





#41
Methacrylonitrile
Concen: 45.028 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

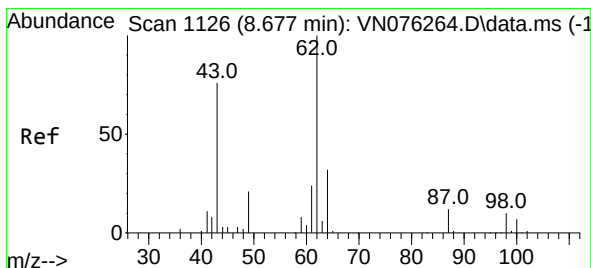
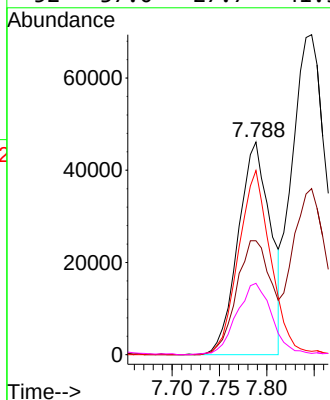
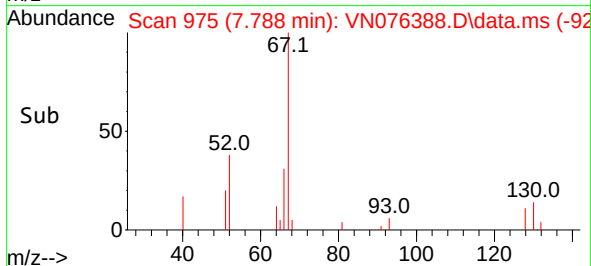
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



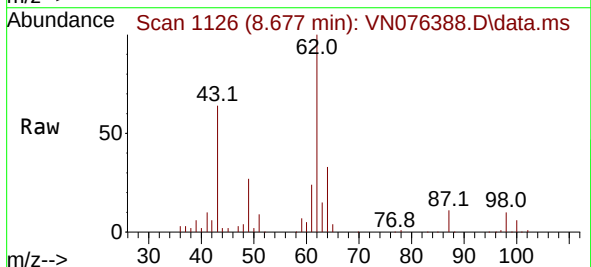
Tgt Ion: 41 Resp: 109620
Ion Ratio Lower Upper
41 100
39 57.5 42.4 63.6
67 86.8 68.8 103.2
52 37.0 27.7 41.5

Manual Integrations
APPROVED

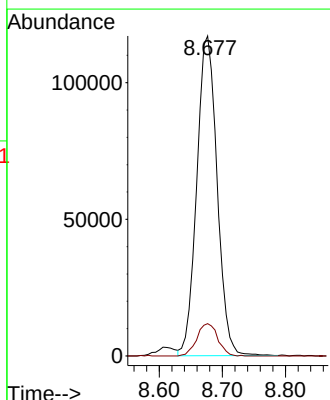
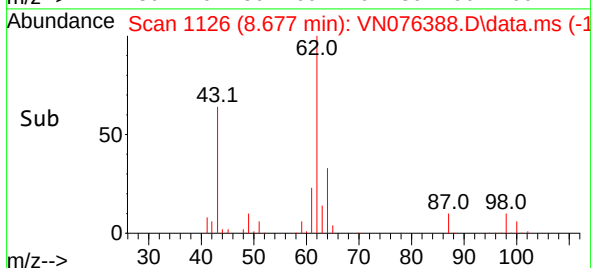
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

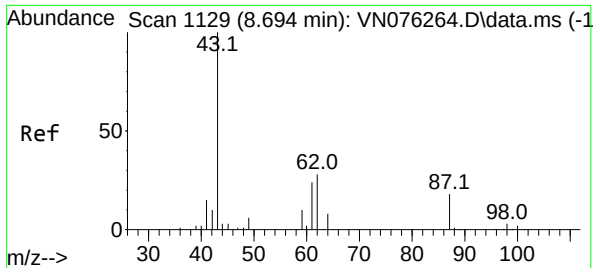


#42
1,2-Dichloroethane
Concen: 44.152 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



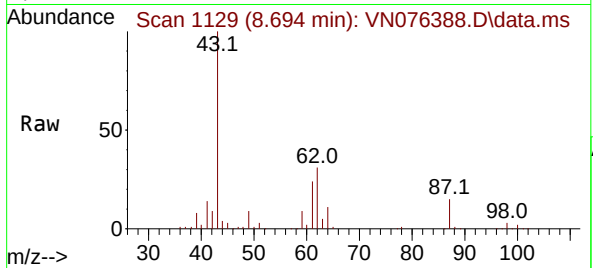
Tgt Ion: 62 Resp: 261850
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.4





#43
Isopropyl Acetate
Concen: 45.391 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

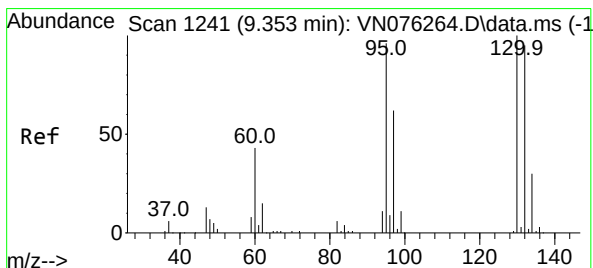
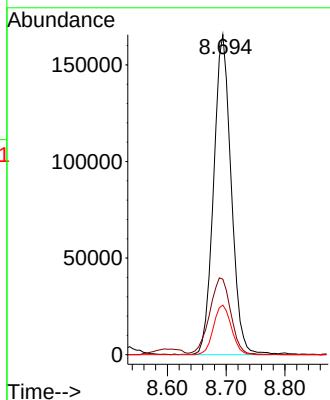
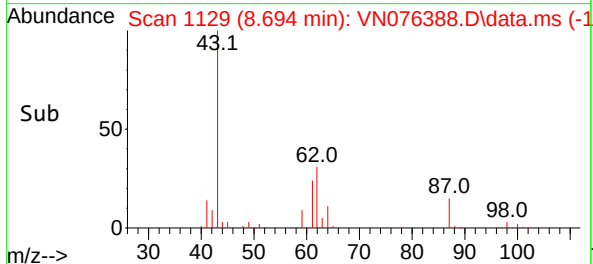
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



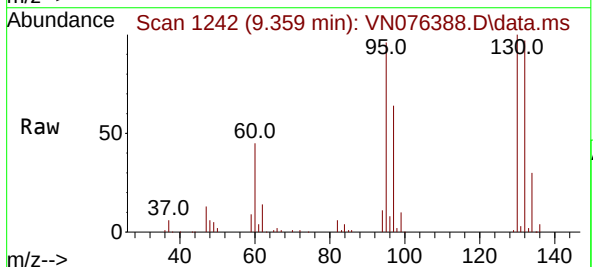
Tgt Ion: 43 Resp: 34333
Ion Ratio Lower Upper
43 100
61 28.7 23.5 35.3
87 15.8 13.8 20.6

Manual Integrations
APPROVED

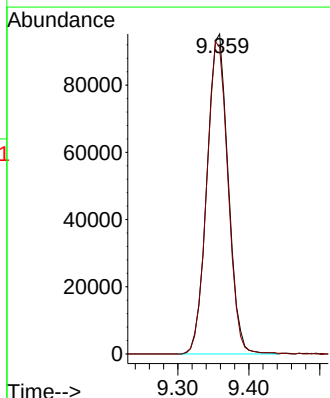
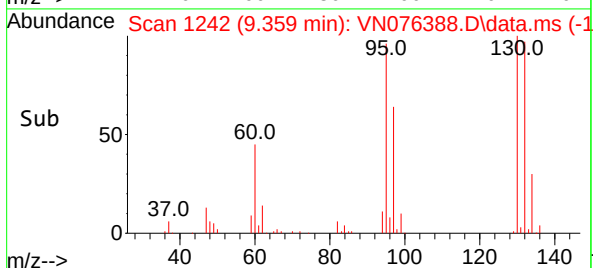
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

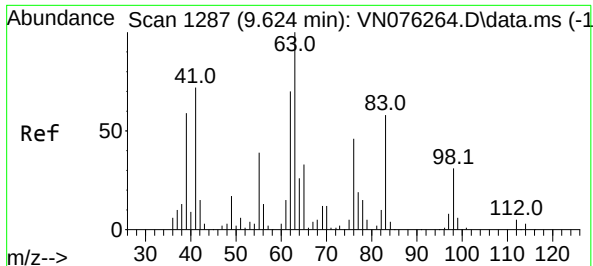


#44
Trichloroethene
Concen: 40.338 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



Tgt Ion:130 Resp: 197756
Ion Ratio Lower Upper
130 100
95 95.8 0.0 192.0





#45

1,2-Dichloropropane

Concen: 43.477 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.005 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 180430

Ion Ratio Lower Upper

63 100

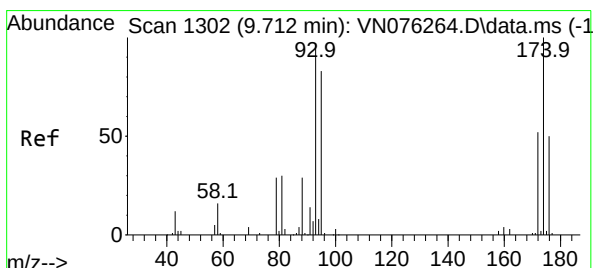
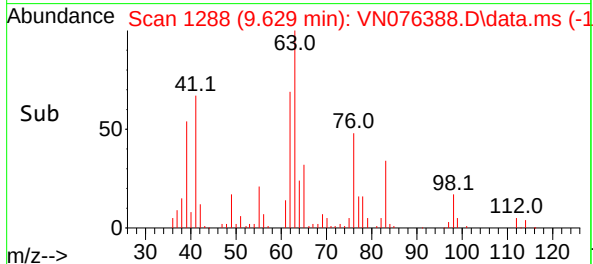
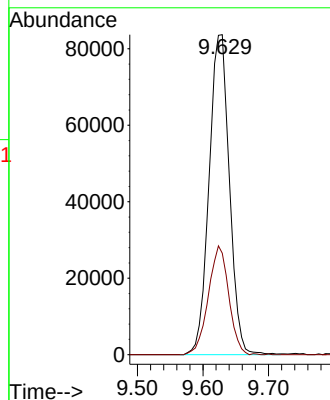
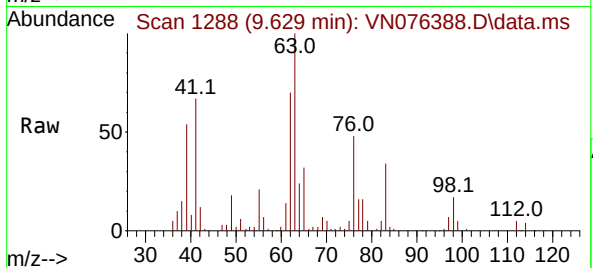
65 31.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#46

Dibromomethane

Concen: 42.867 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

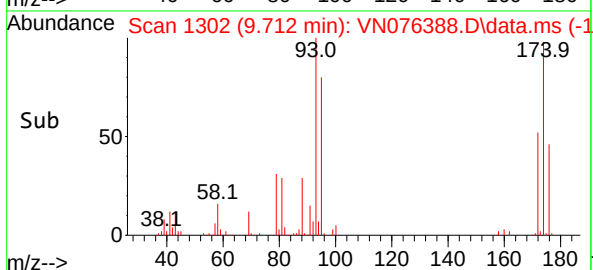
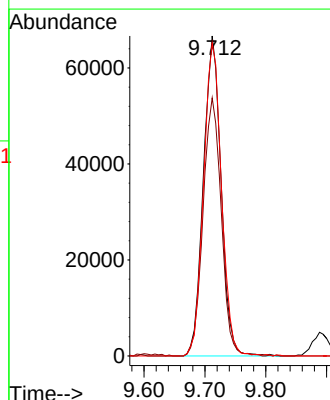
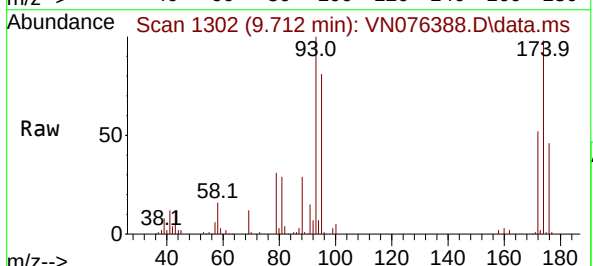
Tgt Ion: 93 Resp: 134316

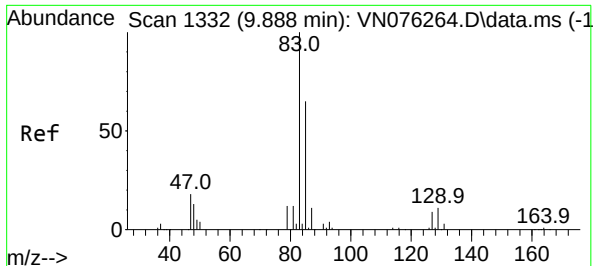
Ion Ratio Lower Upper

93 100

95 83.0 66.0 99.0

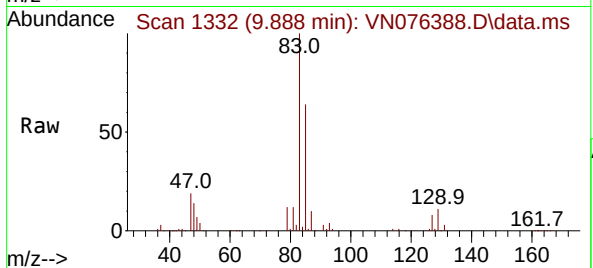
174 99.4 81.3 121.9





#47
Bromodichloromethane
Concen: 45.543 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

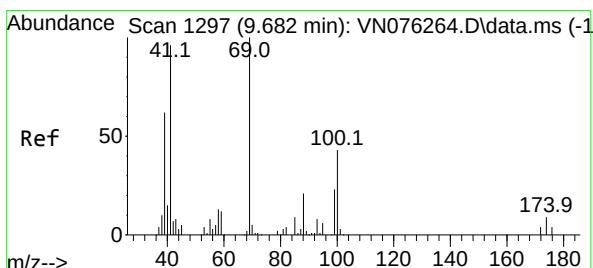
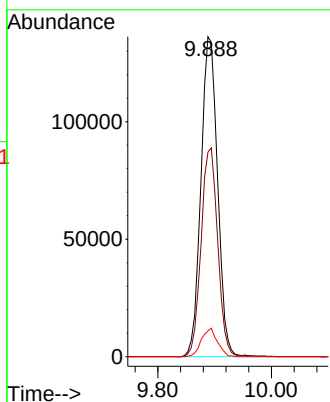
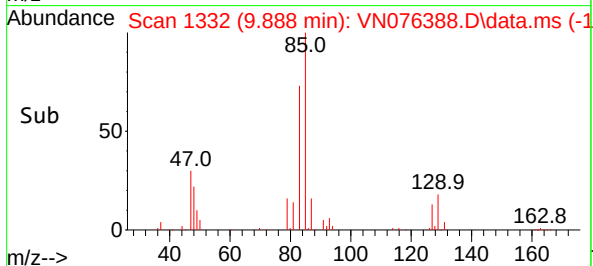
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 27677
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1
127 8.1 7.4 11.0

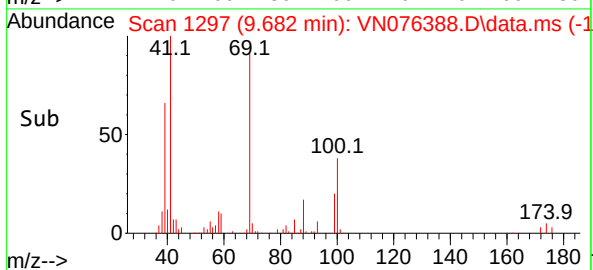
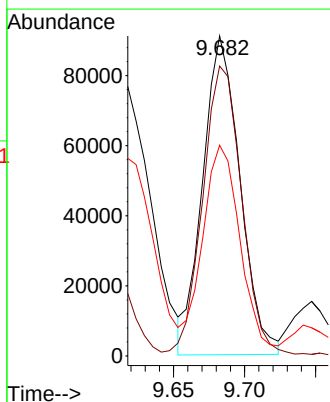
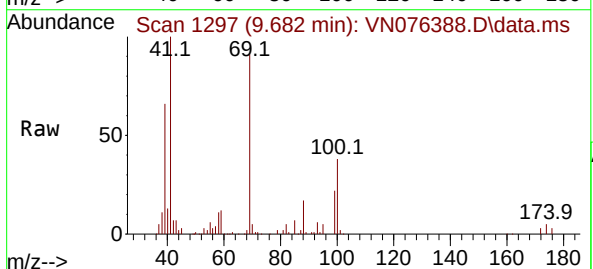
Manual Integrations
APPROVED

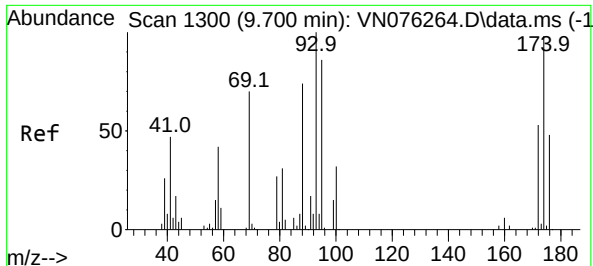
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#48
Methyl methacrylate
Concen: 46.446 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 41 Resp: 166320
Ion Ratio Lower Upper
41 100
69 96.4 80.8 121.2
39 67.5 54.4 81.6





#49

1,4-Dioxane

Concen: 876.904 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 66258

Ion Ratio Lower Upper

88 100

43 23.9 18.1 27.1

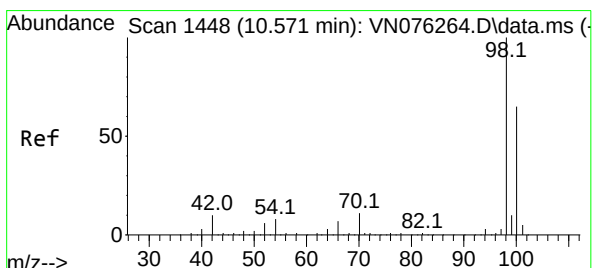
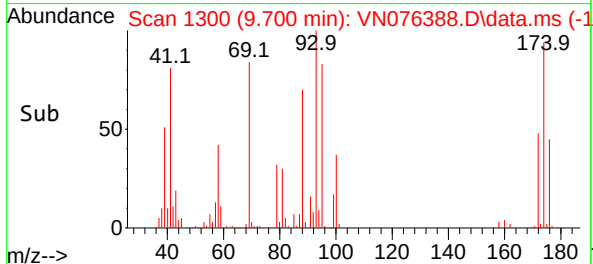
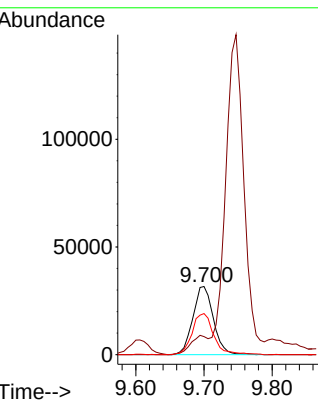
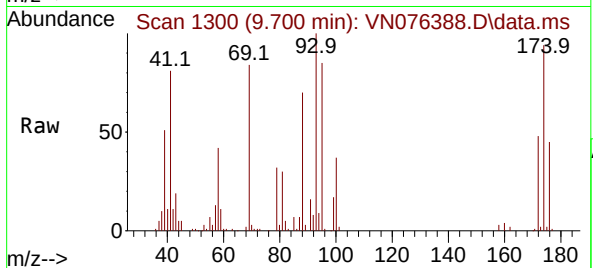
58 63.6 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#50

Toluene-d8

Concen: 44.503 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076388.D

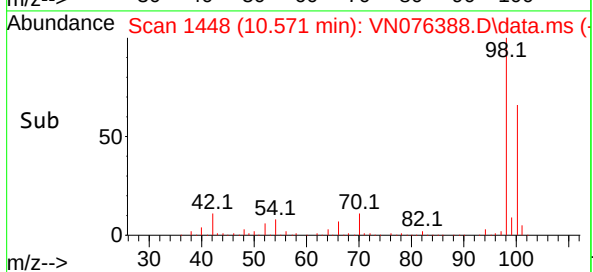
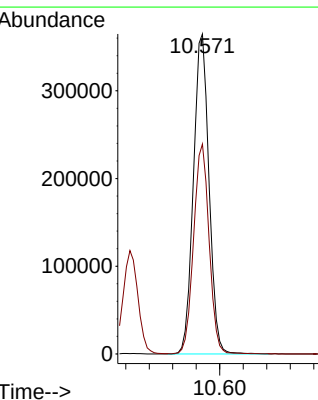
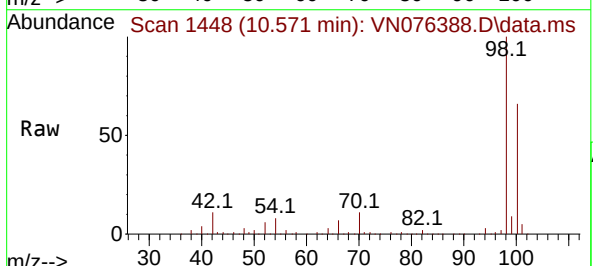
Acq: 24 Jan 2023 18:22

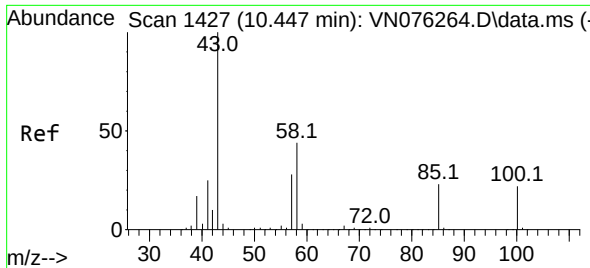
Tgt Ion: 98 Resp: 670474

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 235.864 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

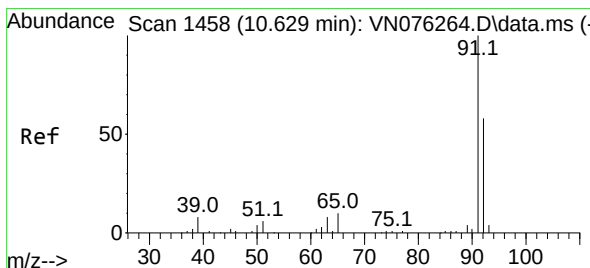
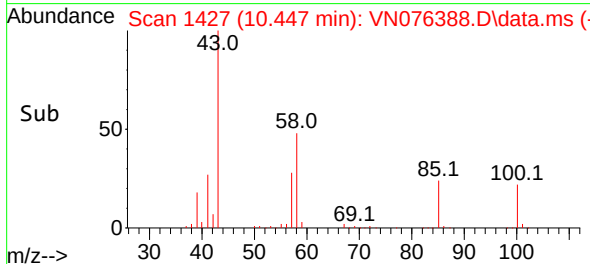
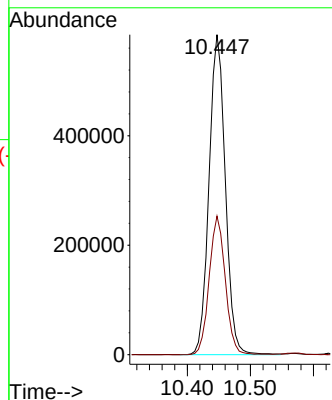
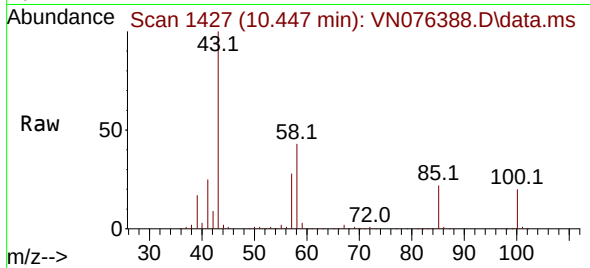
VSTDCCC050EC

Tgt Ion: 43 Resp: 1047315
Ion Ratio Lower Upper
43 100
58 42.9 35.1 52.7

Manual Integrations

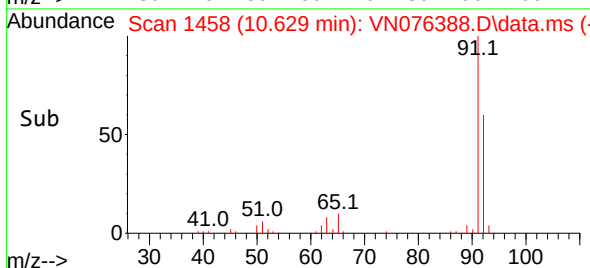
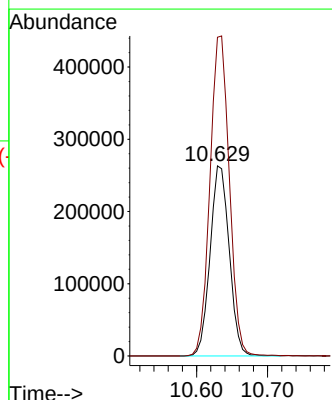
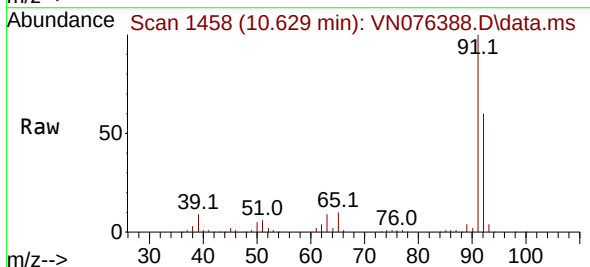
APPROVED

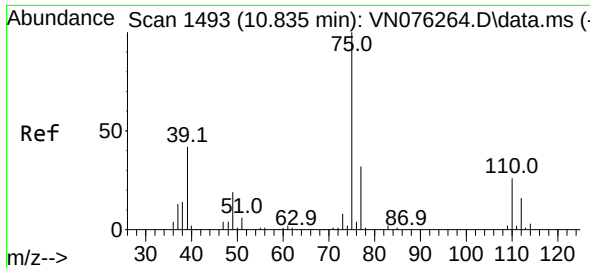
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#52
Toluene
Concen: 42.465 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 92 Resp: 492232
Ion Ratio Lower Upper
92 100
91 170.5 136.6 205.0





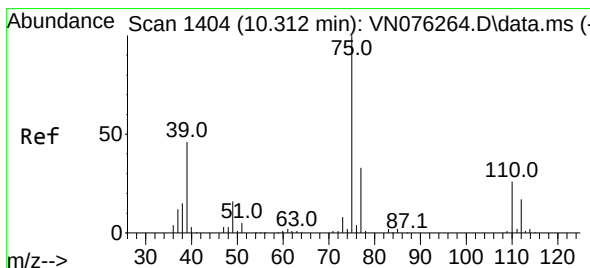
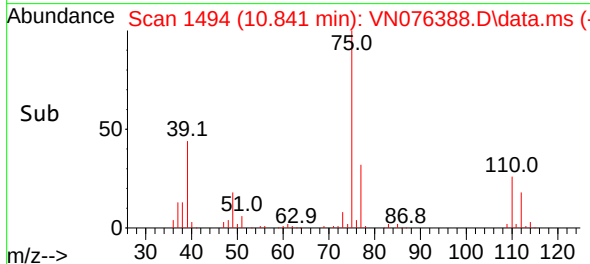
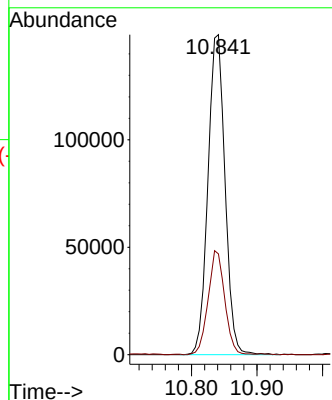
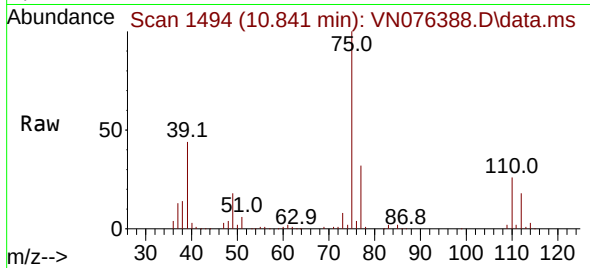
#53
t-1,3-Dichloropropene
Concen: 46.532 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 269569
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

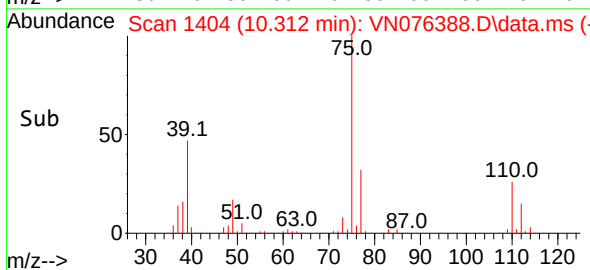
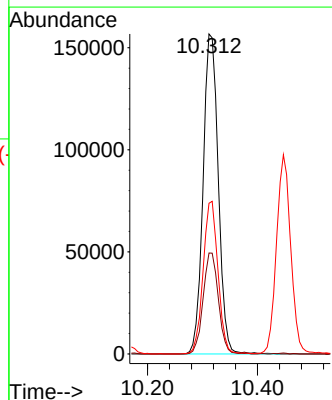
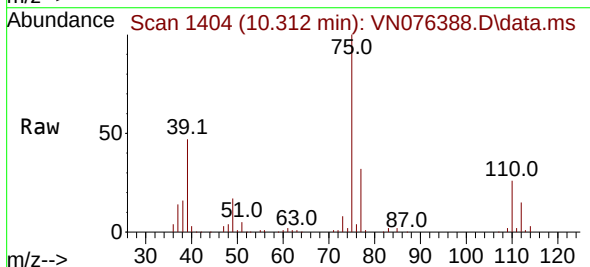
Manual Integrations
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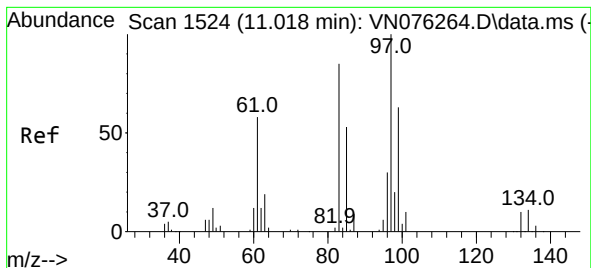
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#54
cis-1,3-Dichloropropene
Concen: 45.117 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

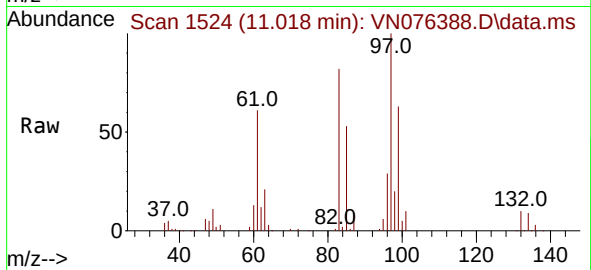
Tgt Ion: 75 Resp: 300699
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7
39 47.1 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 44.008 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

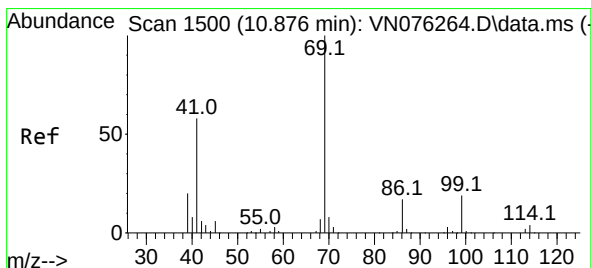
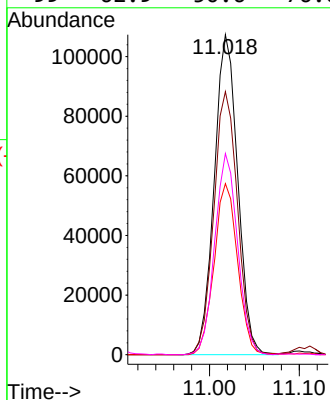
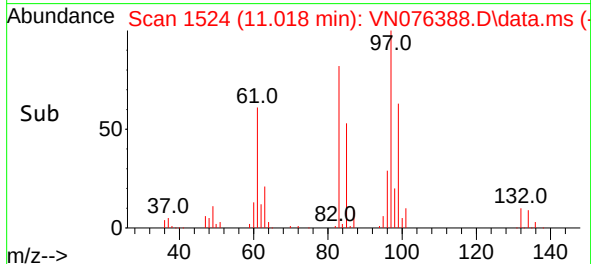
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 194980
Ion Ratio Lower Upper
97 100
83 82.2 67.8 101.6
85 53.4 42.3 63.5
99 62.9 50.6 76.0

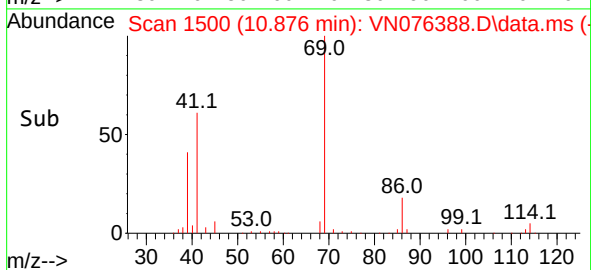
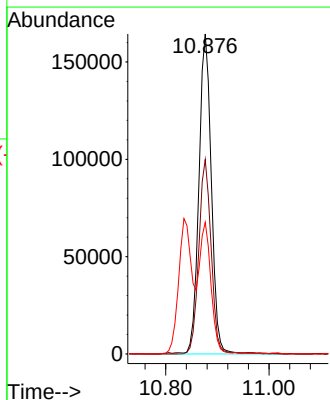
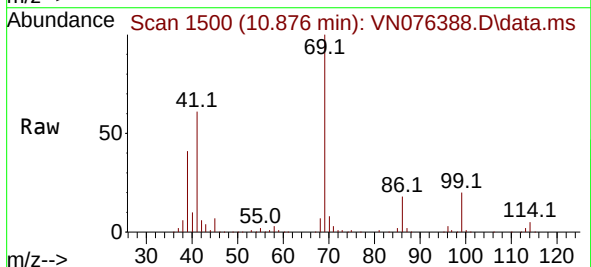
Manual Integrations
APPROVED

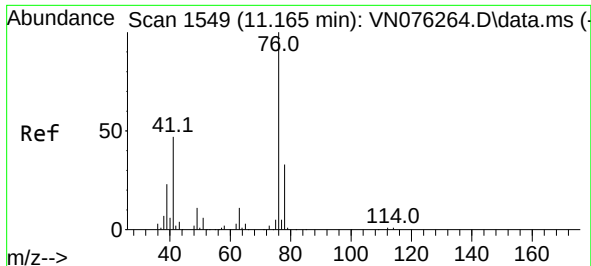
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#56
Ethyl methacrylate
Concen: 47.844 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 69 Resp: 273675
Ion Ratio Lower Upper
69 100
41 59.3 45.3 67.9
39 37.4 29.3 43.9





#57

1,3-Dichloropropane

Concen: 43.718 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 31478

Ion Ratio Lower Upper

76 100

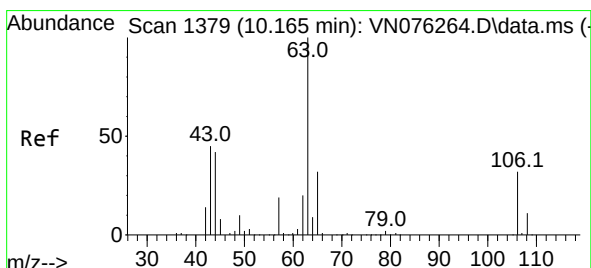
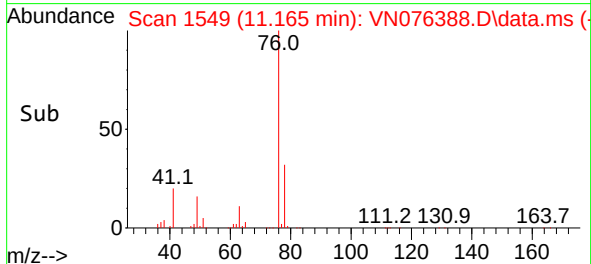
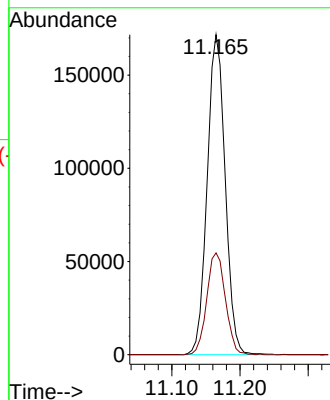
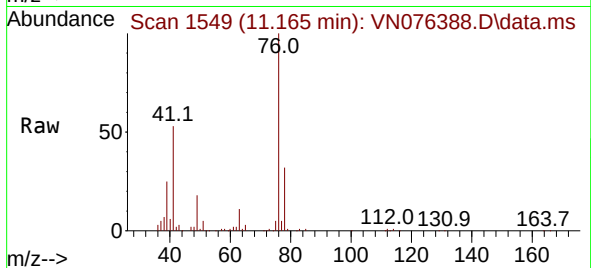
78 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 209.095 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076388.D

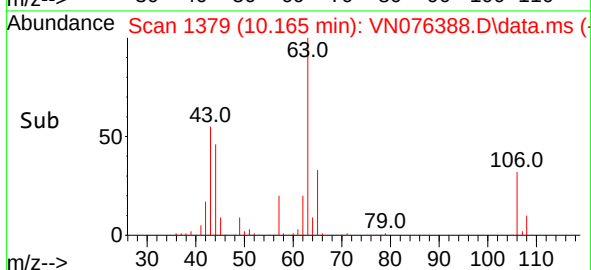
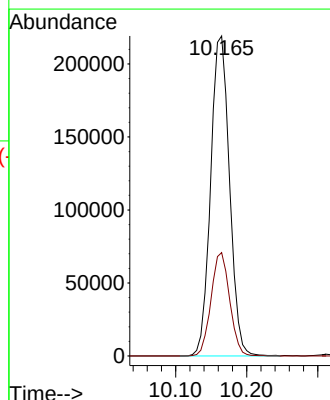
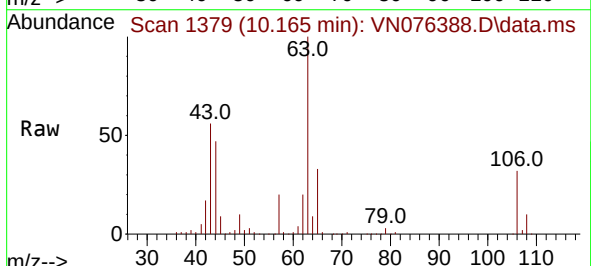
Acq: 24 Jan 2023 18:22

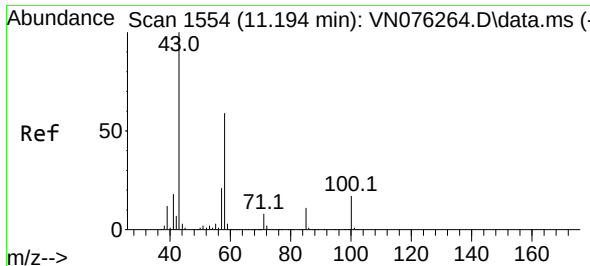
Tgt Ion: 63 Resp: 403776

Ion Ratio Lower Upper

63 100

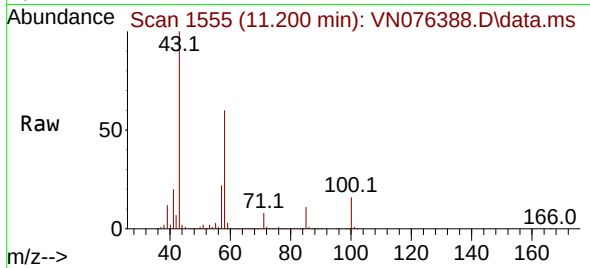
106 31.9 26.2 39.2





#59
2-Hexanone
Concen: 233.939 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

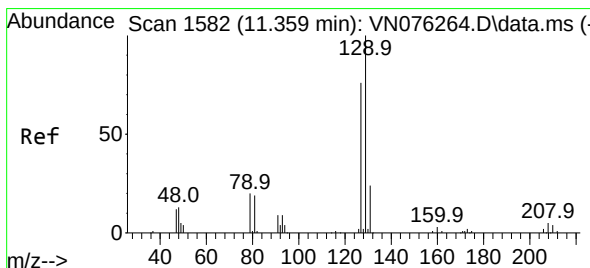
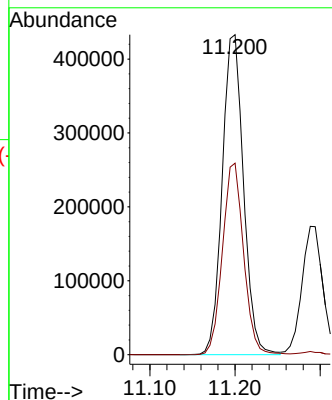
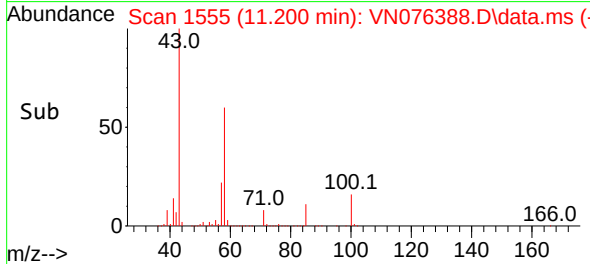
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 752748
Ion Ratio Lower Upper
43 100
58 59.4 30.1 90.3

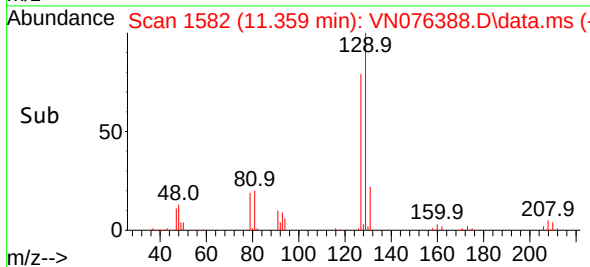
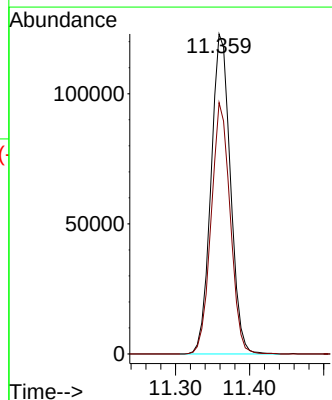
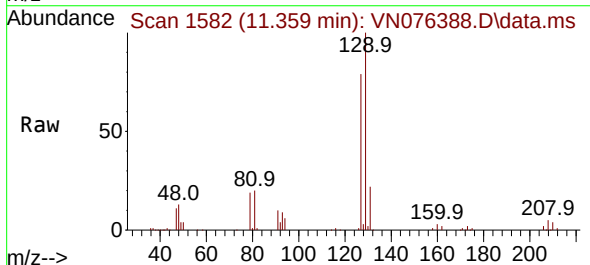
Manual Integrations
APPROVED

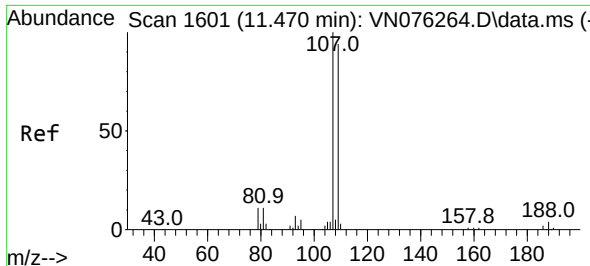
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#60
Dibromochloromethane
Concen: 47.963 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

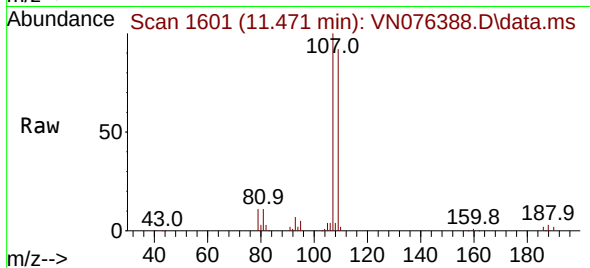
Tgt Ion:129 Resp: 223703
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 44.896 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

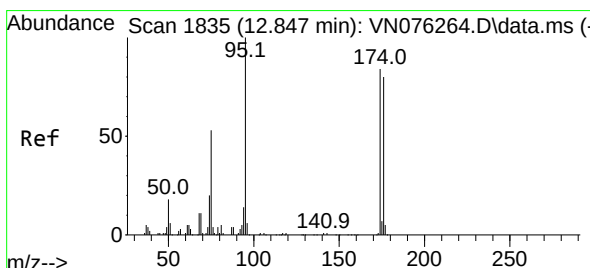
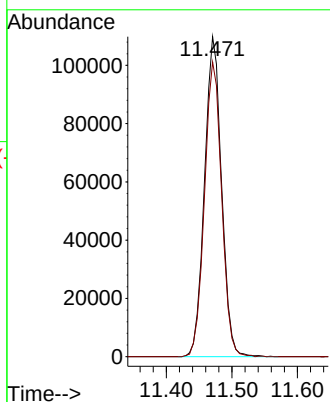
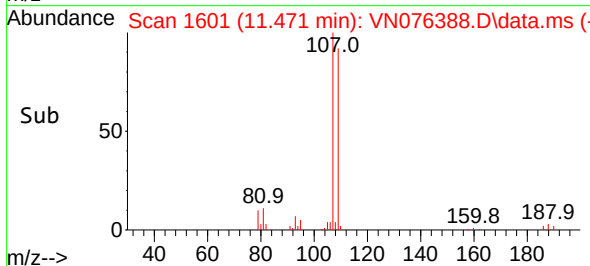
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



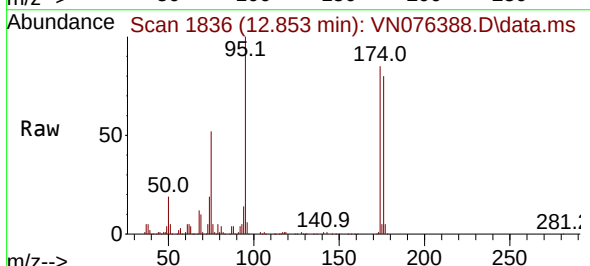
Tgt Ion:107 Resp: 19855
Ion Ratio Lower Upper
107 100
109 92.9 76.0 114.0

Manual Integrations
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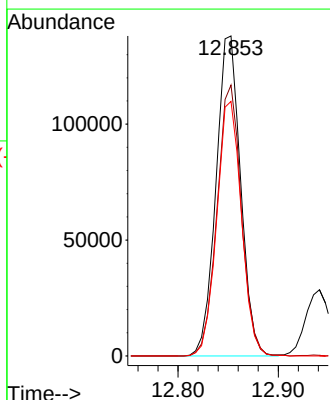
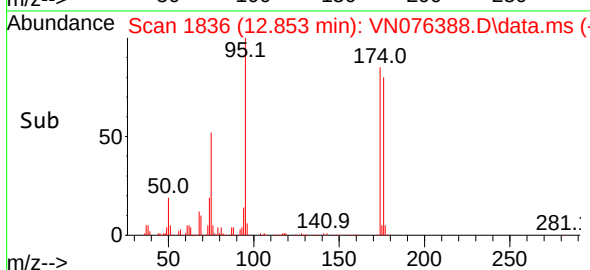
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

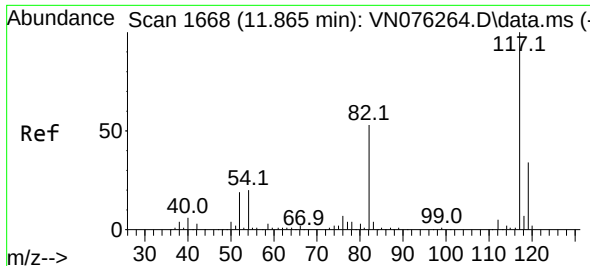


#62
4-Bromofluorobenzene
Concen: 47.776 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



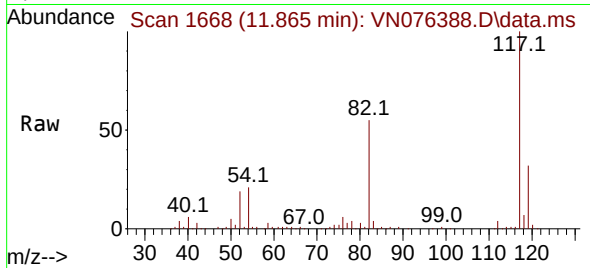
Tgt Ion: 95 Resp: 234976
Ion Ratio Lower Upper
95 100
174 83.7 0.0 174.6
176 79.8 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

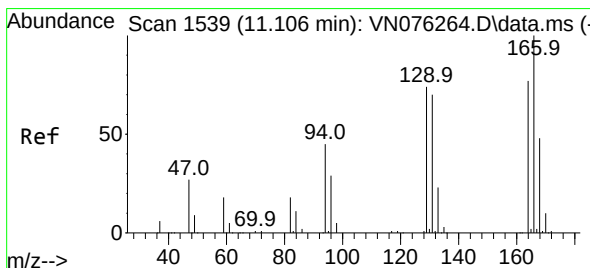
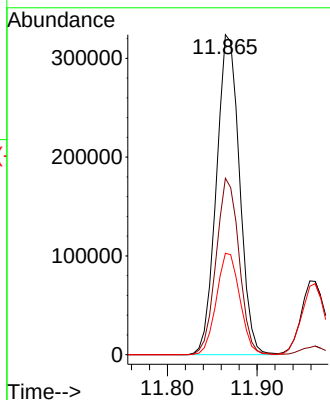
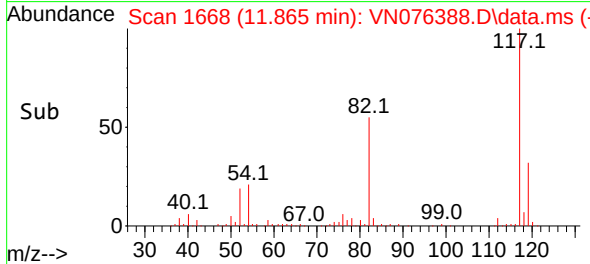
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



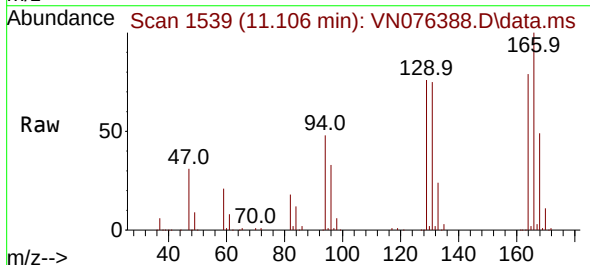
Tgt Ion:117 Resp: 580162
Ion Ratio Lower Upper
117 100
82 55.2 42.2 63.2
119 31.7 26.9 40.3

Manual Integrations
APPROVED

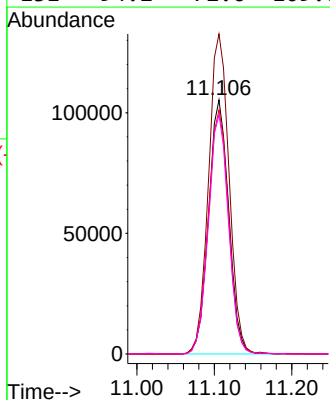
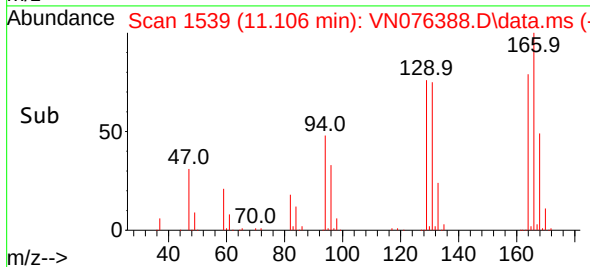
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

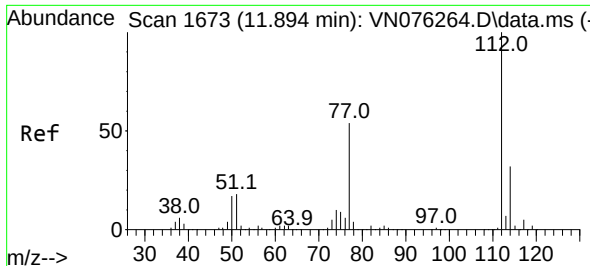


#64
Tetrachloroethene
Concen: 36.498 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



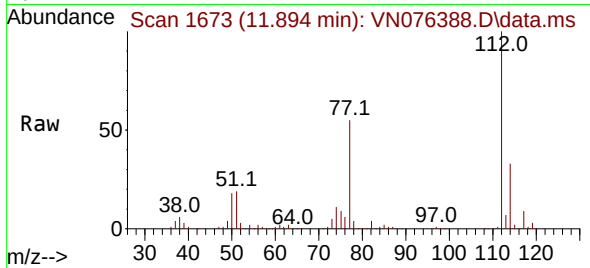
Tgt Ion:164 Resp: 190955
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 96.1 76.6 114.8
131 94.2 72.6 109.0





#65
Chlorobenzene
Concen: 42.961 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

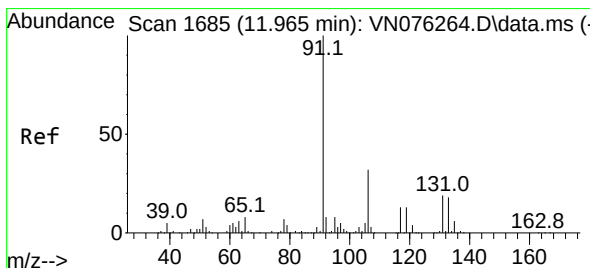
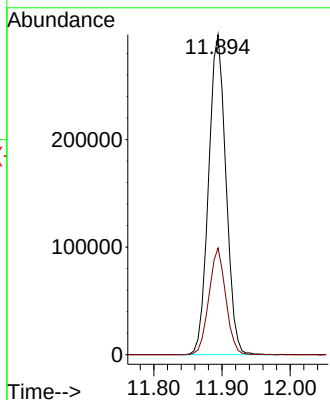
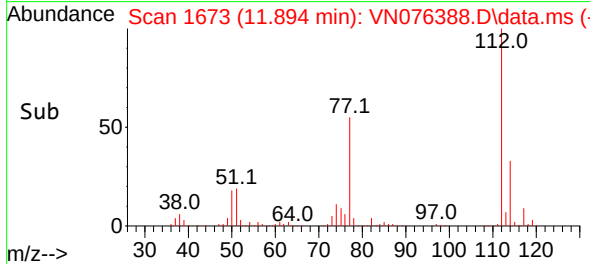
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 526872
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9

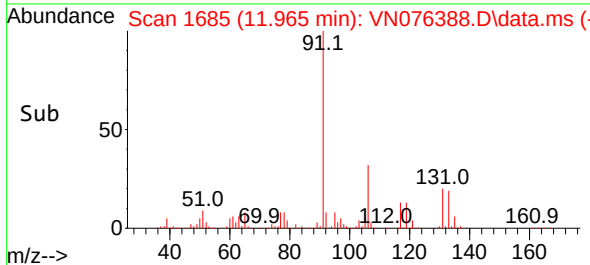
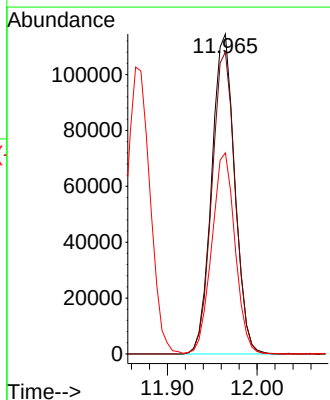
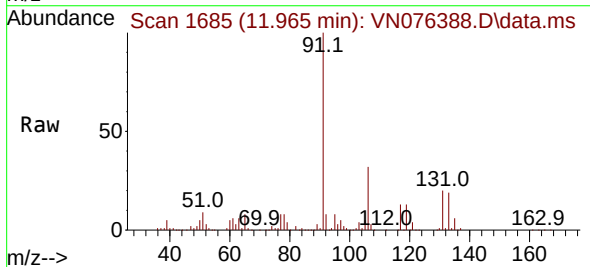
Manual Integrations
APPROVED

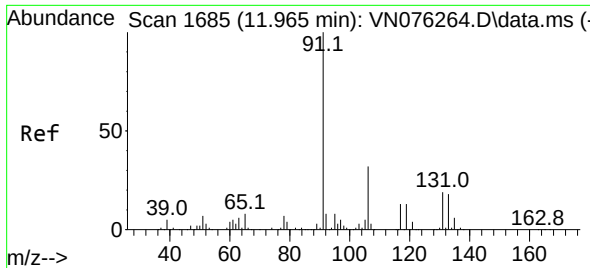
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 44.768 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion:131 Resp: 204276
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 63.6 32.3 96.8





#67
Ethyl Benzene
Concen: 45.847 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

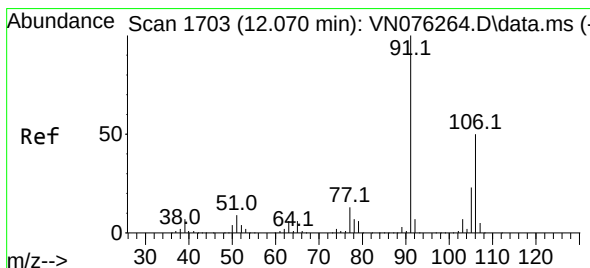
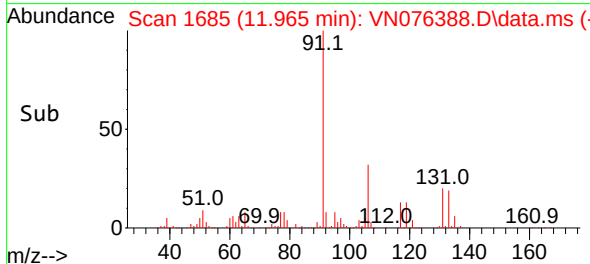
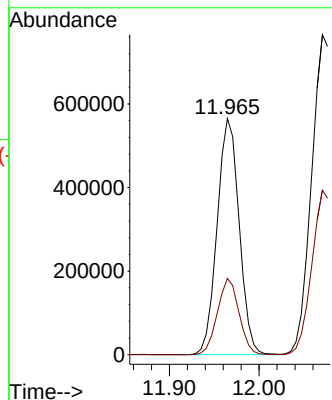
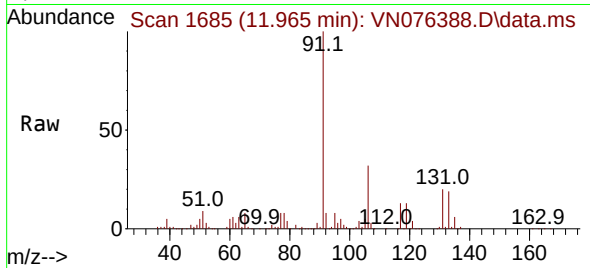
VSTDCCC050EC

Tgt Ion: 91 Resp: 962290
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

Manual Integrations

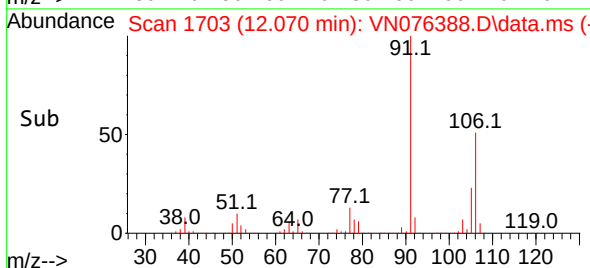
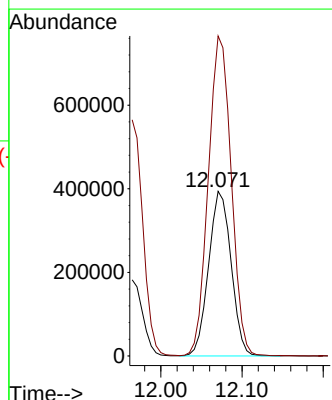
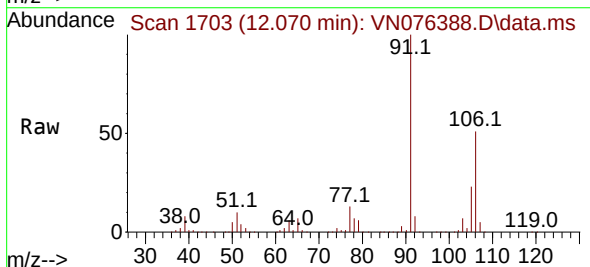
APPROVED

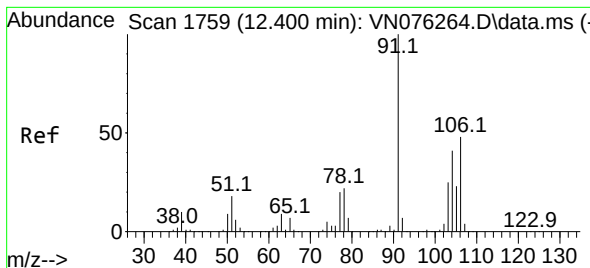
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#68
m/p-Xylenes
Concen: 90.041 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion:106 Resp: 757824
Ion Ratio Lower Upper
106 100
91 197.6 157.5 236.3





#69

o-Xylene

Concen: 45.581 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 376740

Ion Ratio Lower Upper

106 100

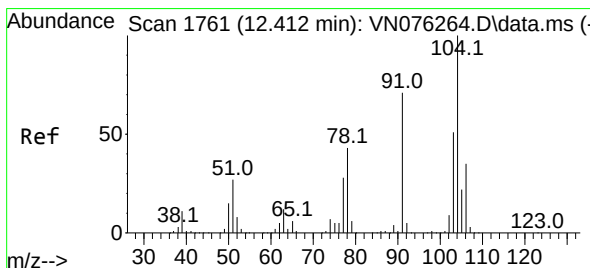
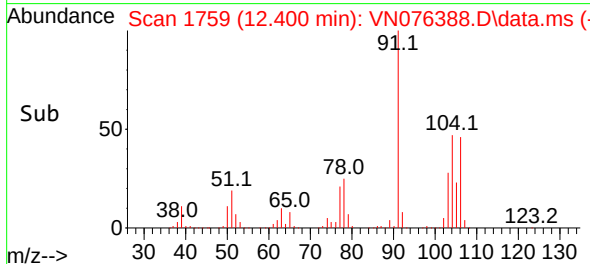
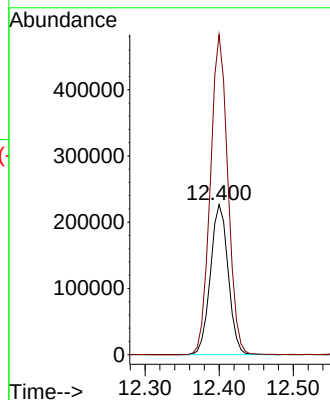
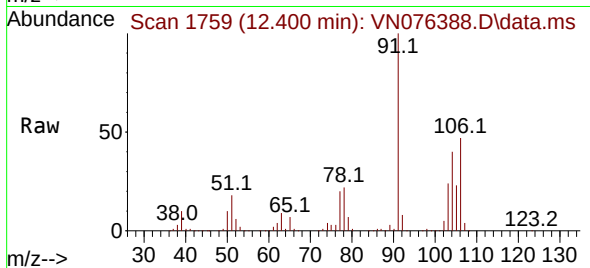
91 210.7 103.2 309.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#70

Styrene

Concen: 46.939 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

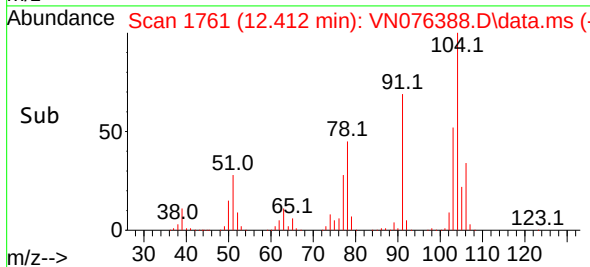
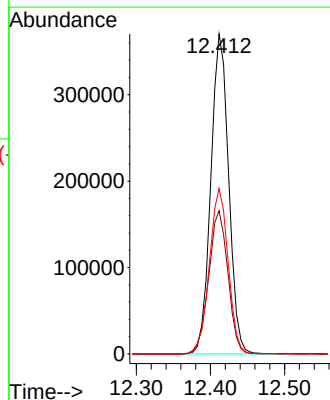
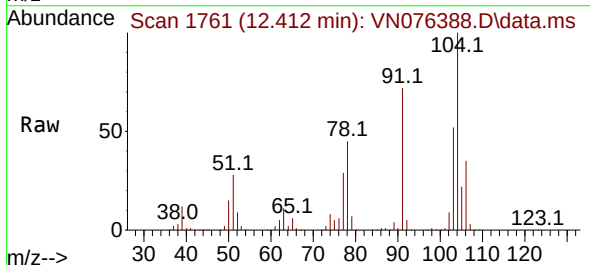
Tgt Ion:104 Resp: 619468

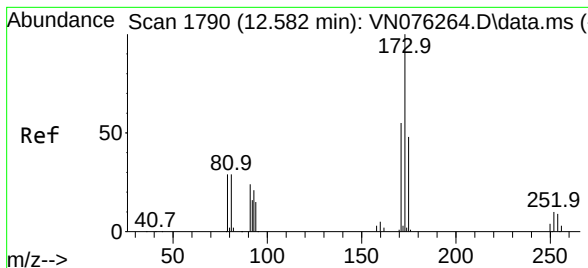
Ion Ratio Lower Upper

104 100

78 48.2 37.4 56.0

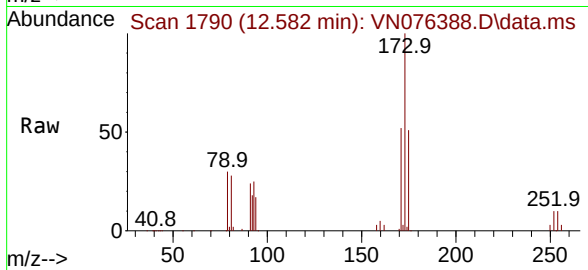
103 54.3 44.2 66.2





#71
Bromoform
Concen: 47.426 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

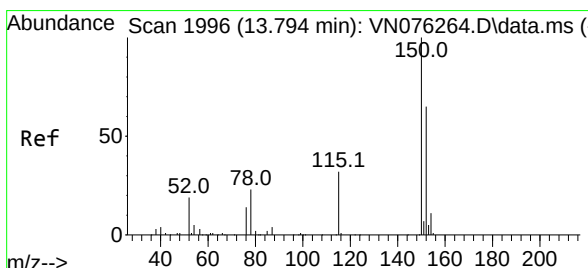
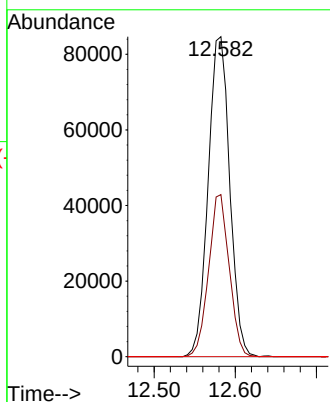
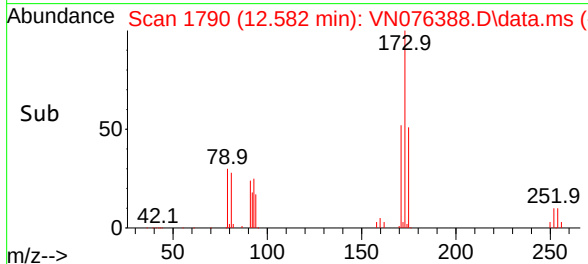
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



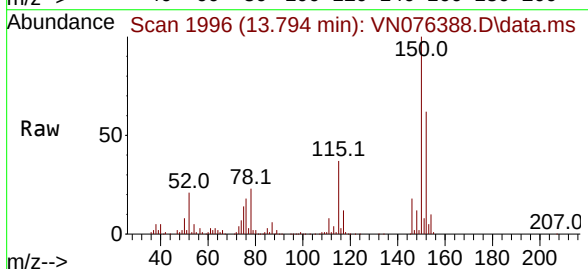
Tgt Ion:173 Resp: 156279
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

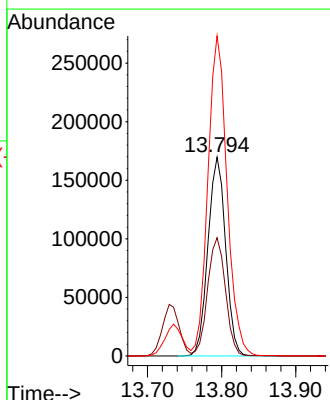
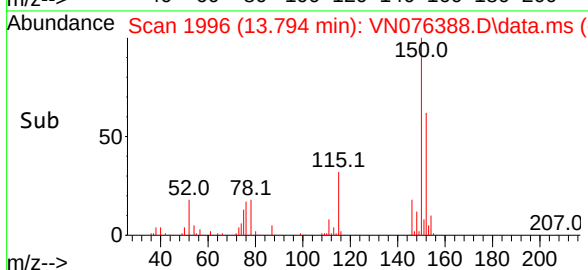
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

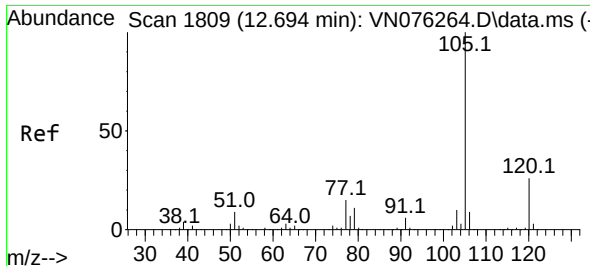


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



Tgt Ion:152 Resp: 281220
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.9
150 174.1 0.0 351.4





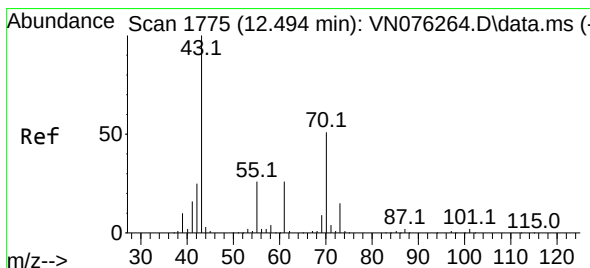
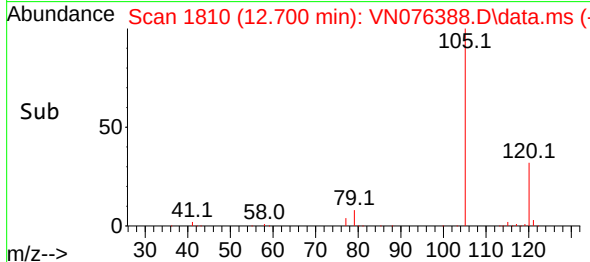
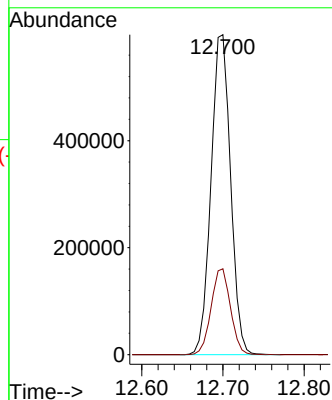
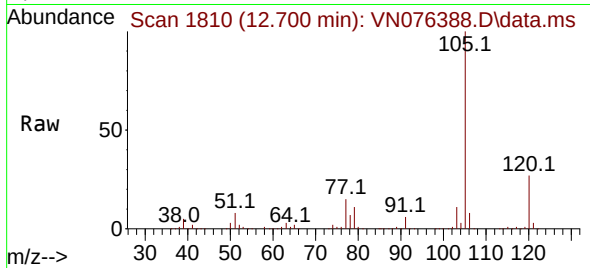
#73
Isopropylbenzene
Concen: 45.995 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1000629
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

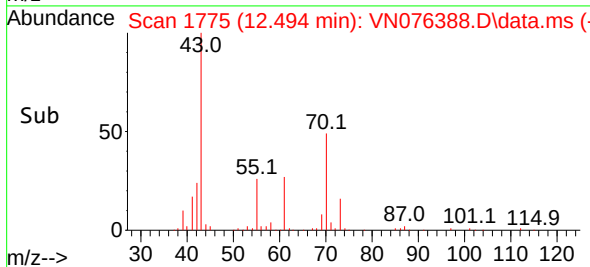
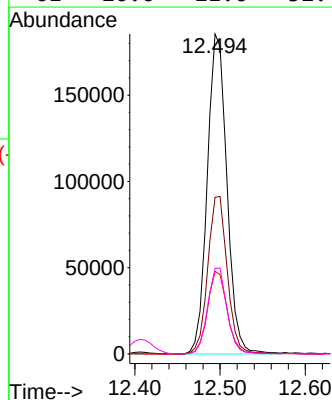
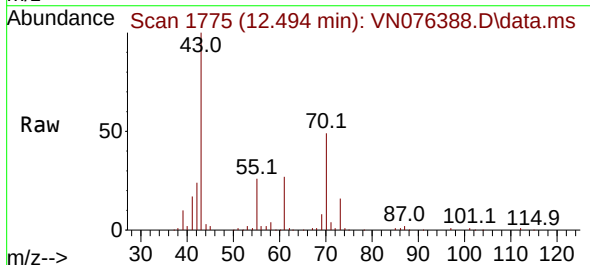
Manual Integrations
APPROVED

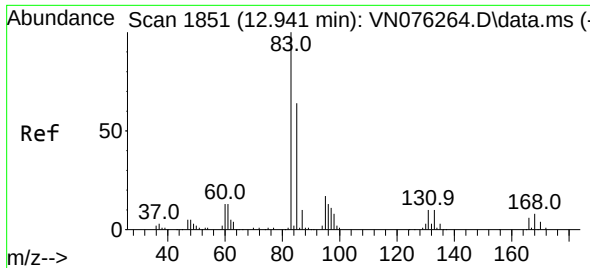
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#74
N-ethyl acetate
Concen: 47.426 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

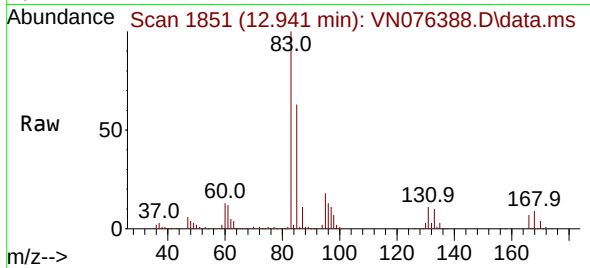
Tgt Ion: 43 Resp: 296785
Ion Ratio Lower Upper
43 100
70 49.0 41.2 61.8
55 25.9 21.0 31.6
61 26.6 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 44.232 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

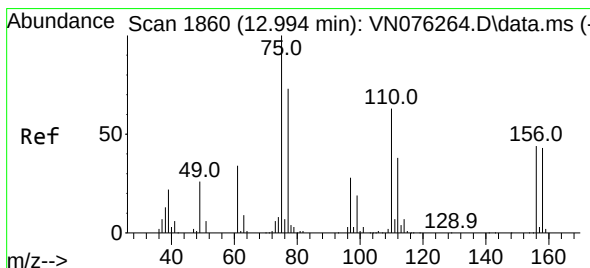
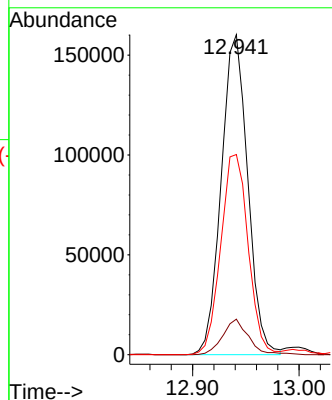
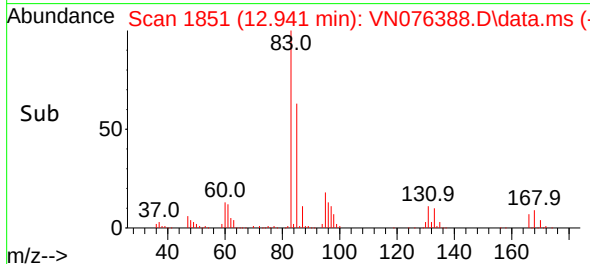
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 276628
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 64.8 31.7 95.1

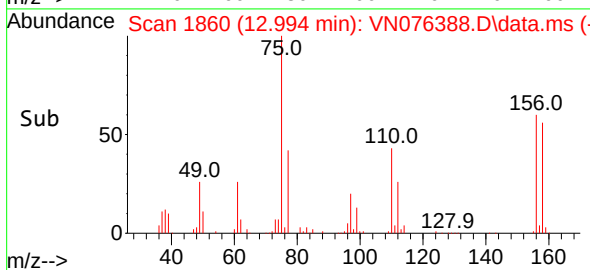
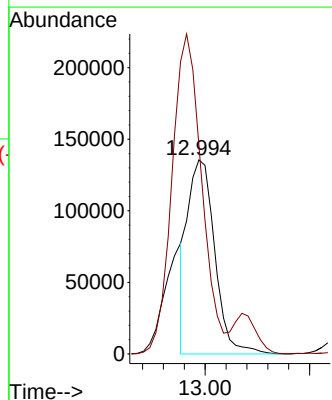
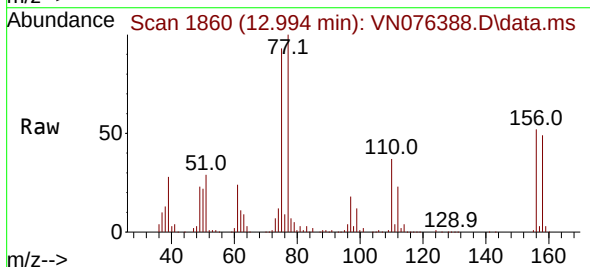
Manual Integrations
APPROVED

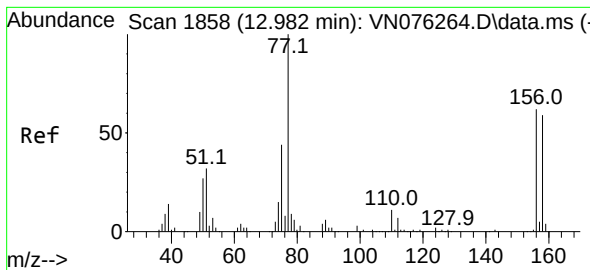
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#76
1,2,3-Trichloropropane
Concen: 47.667 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 75 Resp: 244431
Ion Ratio Lower Upper
75 100
77 180.4 75.2 225.6





#77

Bromobenzene

Concen: 44.794 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076388.D

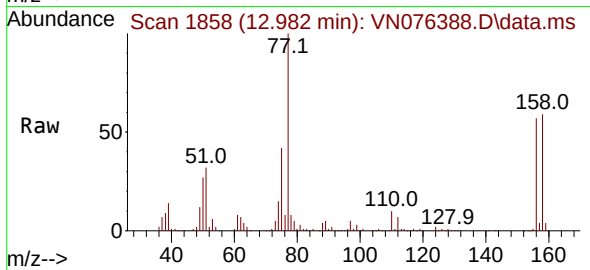
Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 228130

Ion Ratio Lower Upper

156 100

77 193.2 93.4 280.2

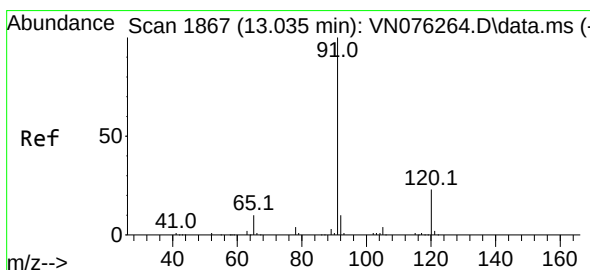
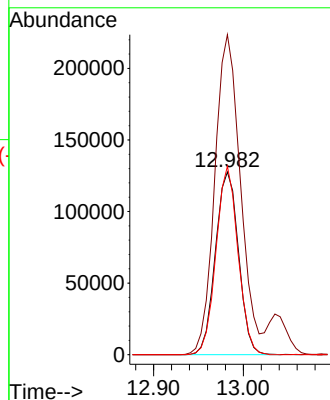
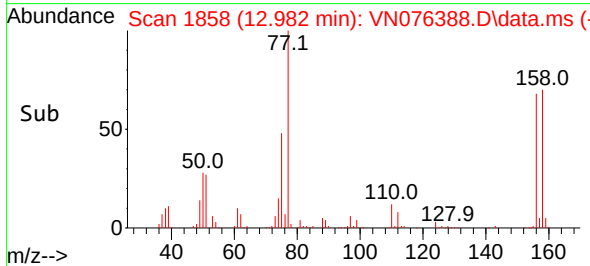
158 98.1 48.4 145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#78

n-propylbenzene

Concen: 46.073 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076388.D

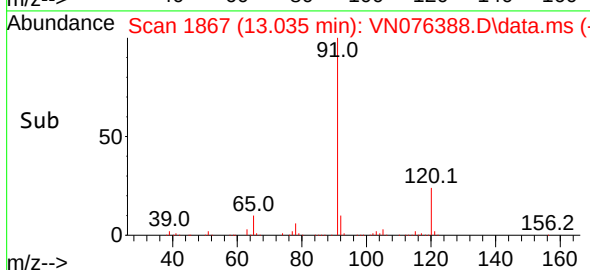
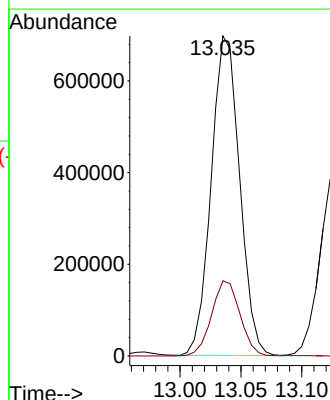
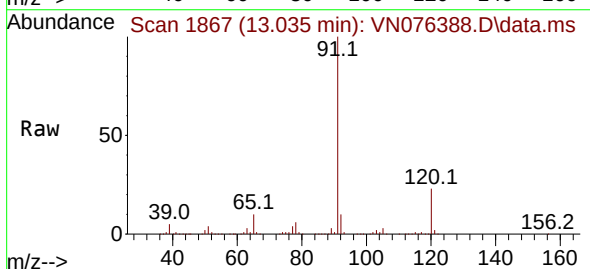
Acq: 24 Jan 2023 18:22

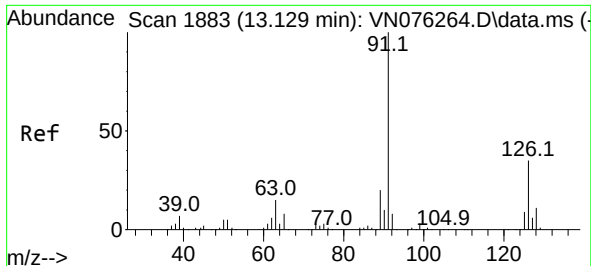
Tgt Ion: 91 Resp: 1130959

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 44.682 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 673048

Ion Ratio Lower Upper

91 100

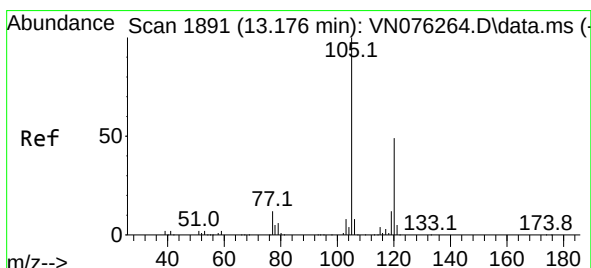
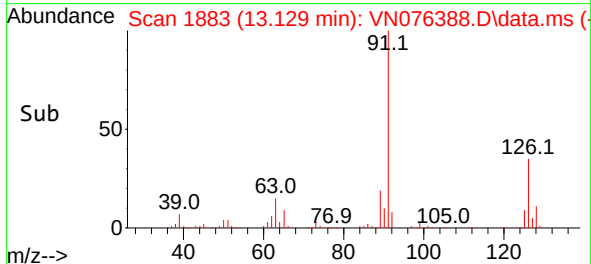
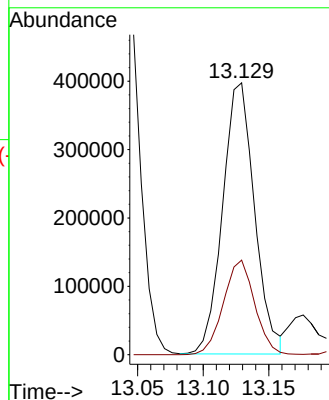
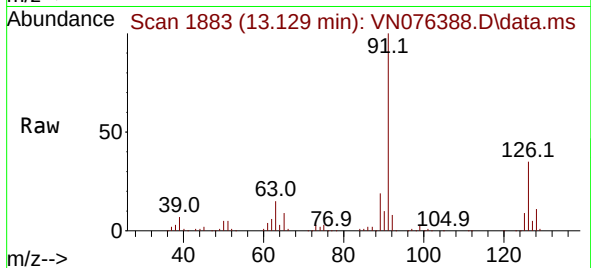
126 34.1 17.4 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#80

1,3,5-Trimethylbenzene

Concen: 45.981 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076388.D

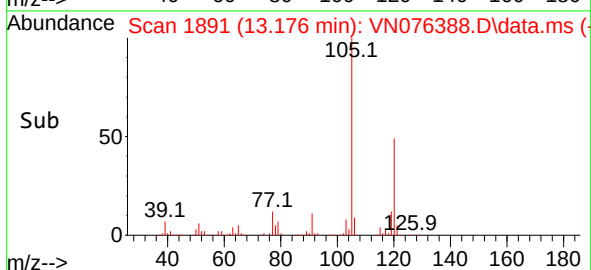
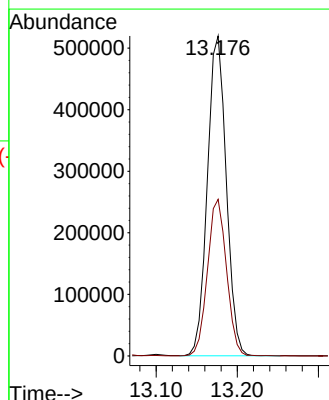
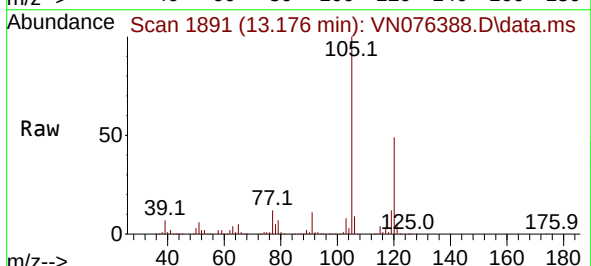
Acq: 24 Jan 2023 18:22

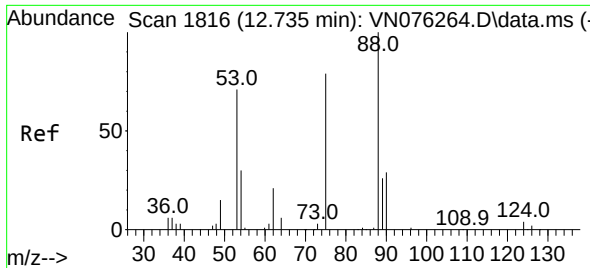
Tgt Ion:105 Resp: 838037

Ion Ratio Lower Upper

105 100

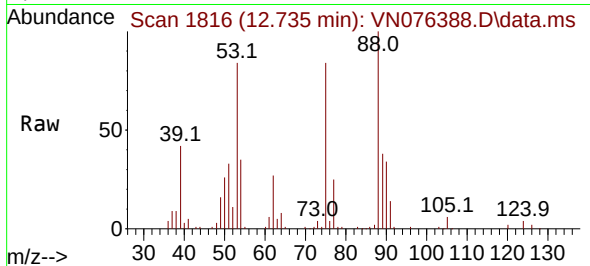
120 49.5 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 44.291 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

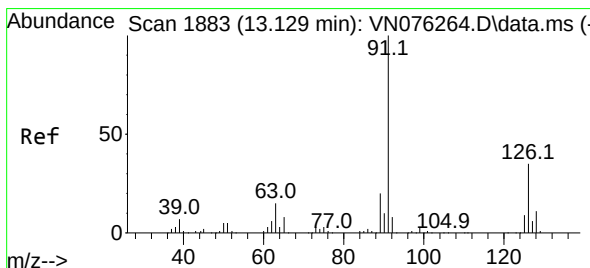
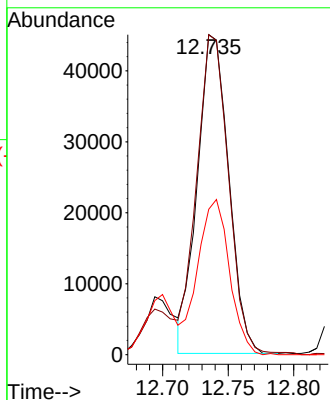
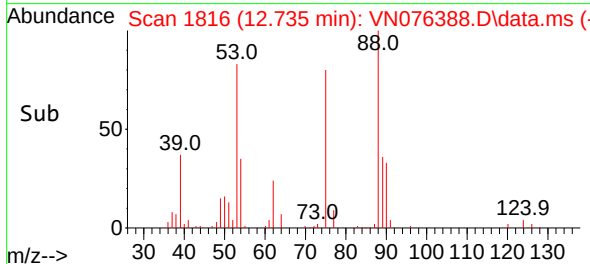
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 74860
Ion Ratio Lower Upper
75 100
53 102.1 75.8 113.8
89 49.6 37.0 55.6

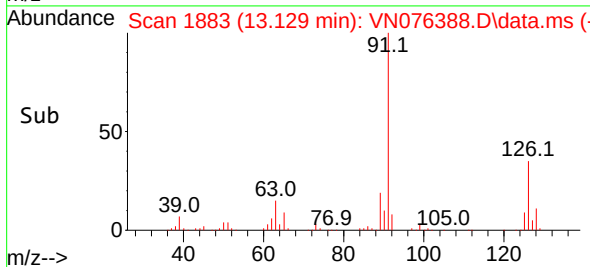
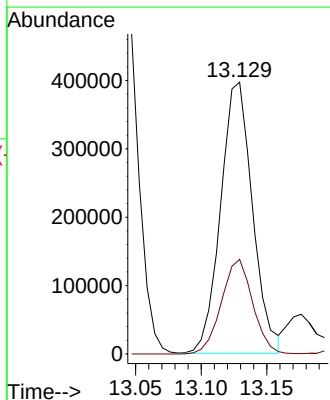
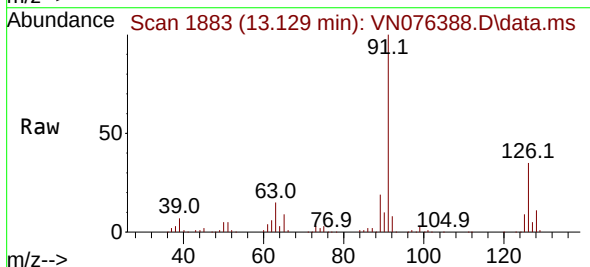
Manual Integrations
APPROVED

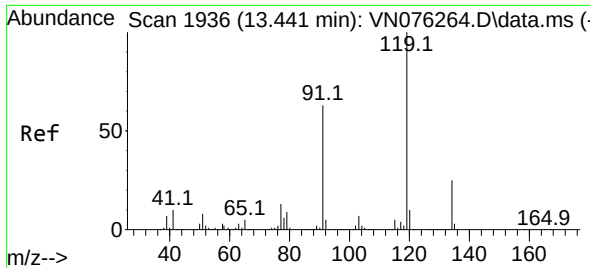
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#82
4-Chlorotoluene
Concen: 44.682 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

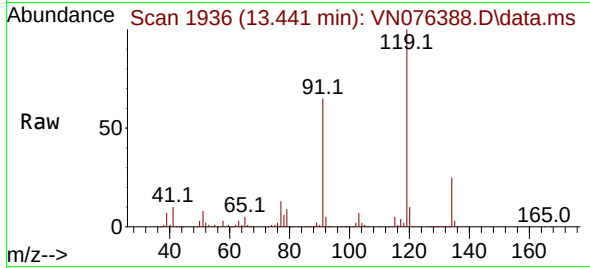
Tgt Ion: 91 Resp: 673048
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.2





#83
tert-Butylbenzene
Concen: 45.476 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

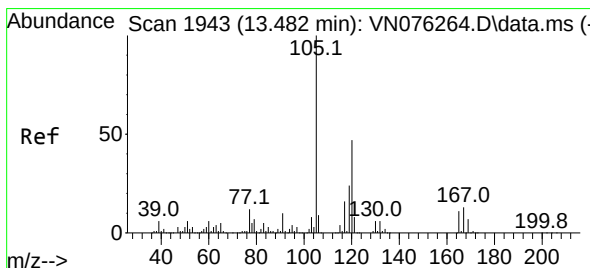
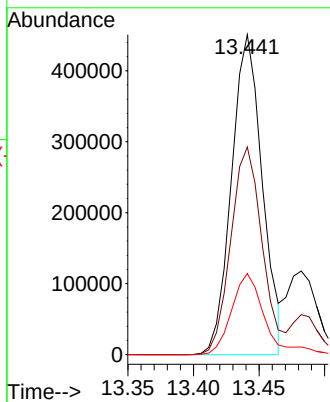
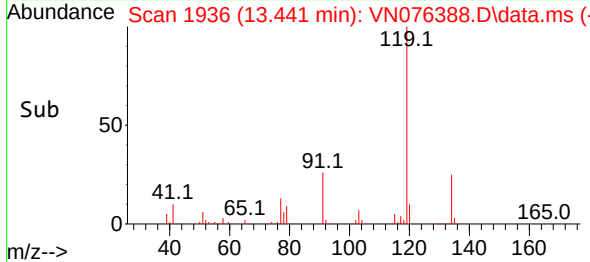
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 737160
Ion Ratio Lower Upper
119 100
91 66.7 32.2 96.6
134 27.2 13.6 40.8

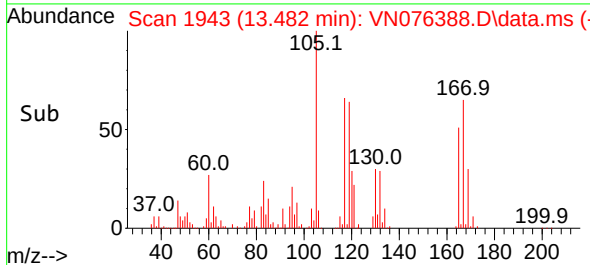
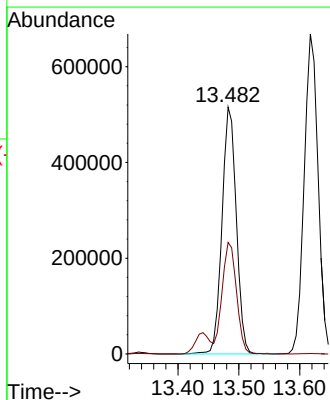
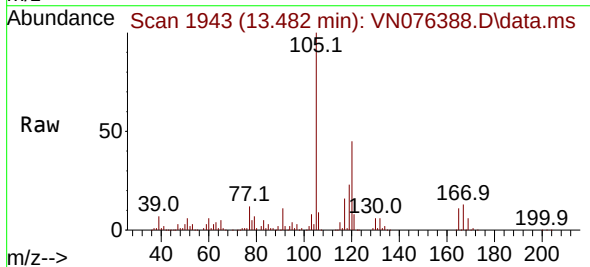
Manual Integrations
APPROVED

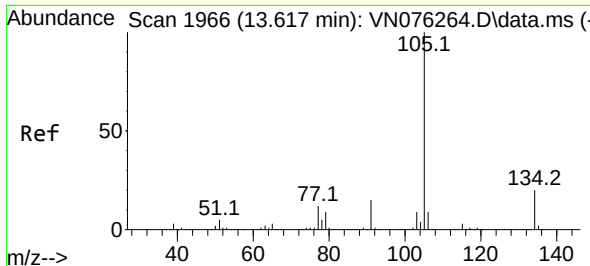
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.080 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

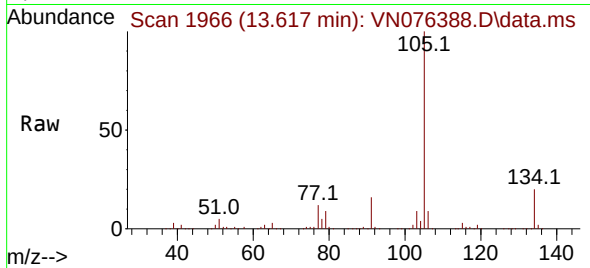
Tgt Ion:105 Resp: 842124
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 47.103 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076388.D
 Acq: 24 Jan 2023 18:22

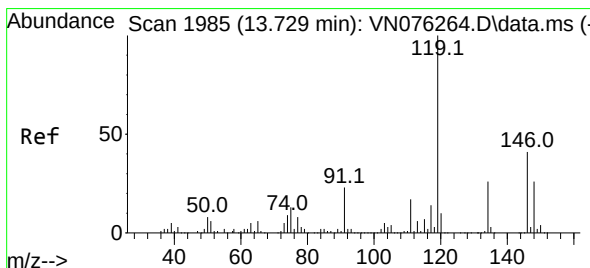
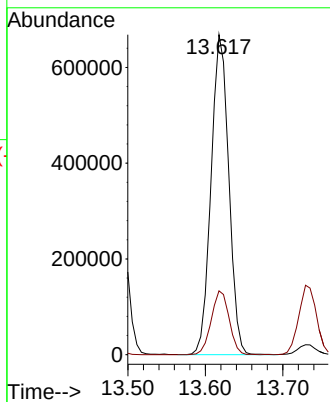
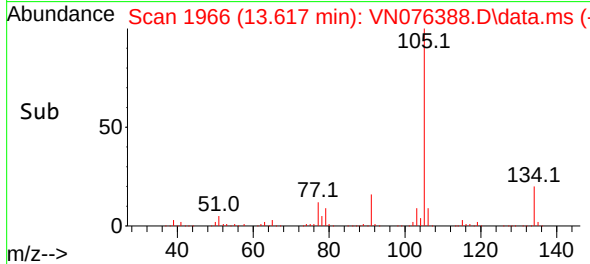
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



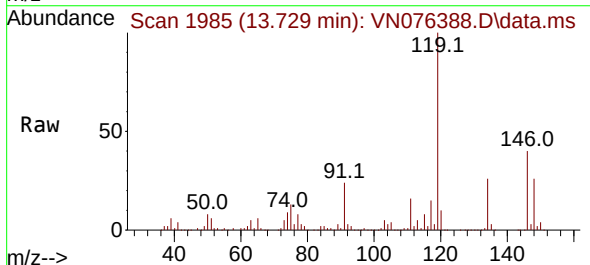
Tgt Ion:105 Resp: 105949
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

Manual Integrations
 APPROVED

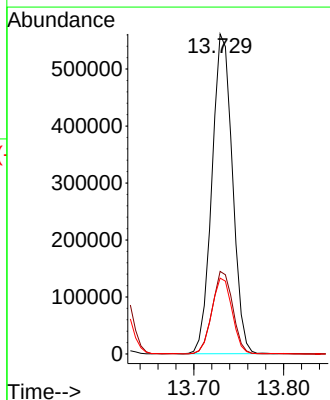
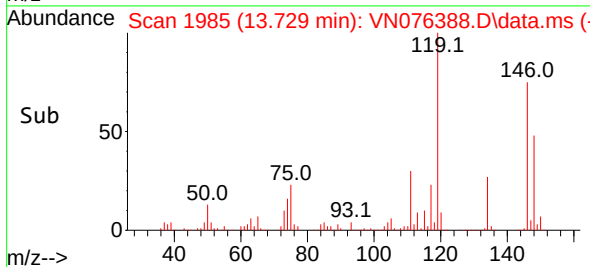
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

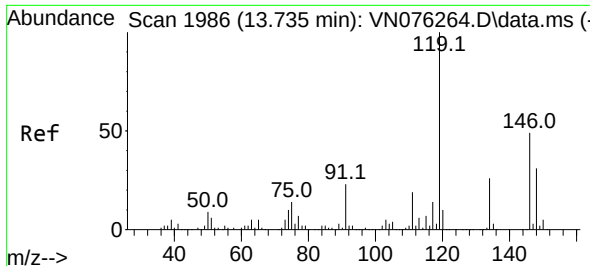


#86
 p-Isopropyltoluene
 Concen: 48.065 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076388.D
 Acq: 24 Jan 2023 18:22



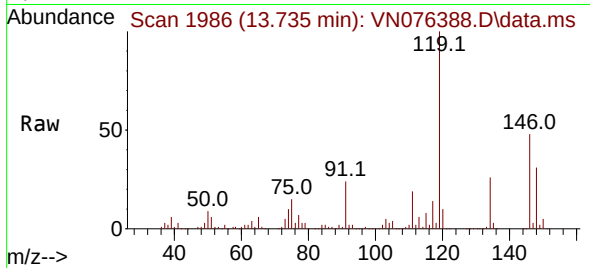
Tgt Ion:119 Resp: 889012
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.6
 91 23.6 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 42.148 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

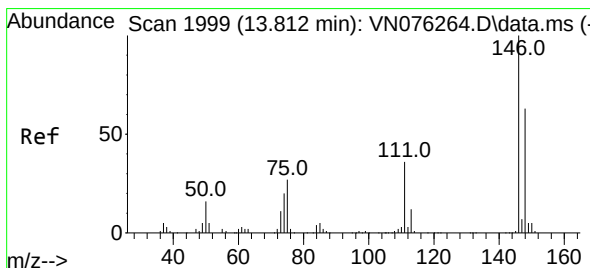
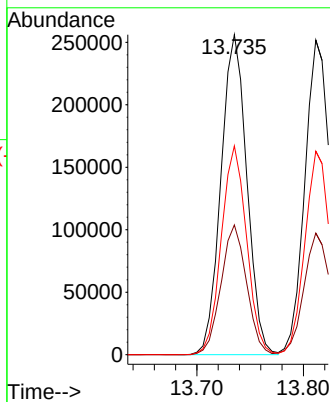
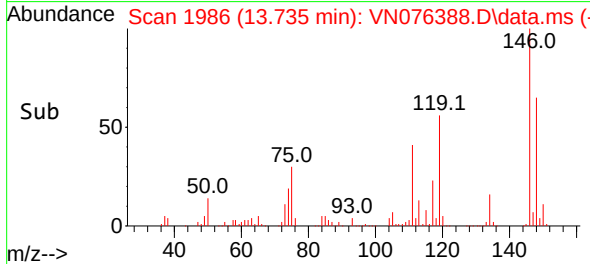
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



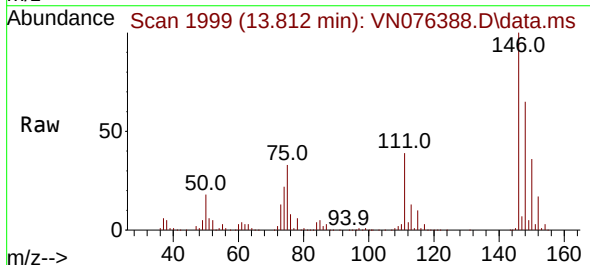
Tgt Ion:146 Resp: 432180
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.7
148 63.7 31.6 94.8

Manual Integrations
APPROVED

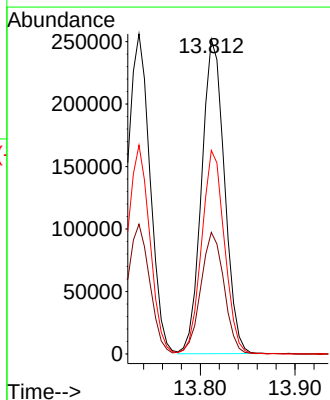
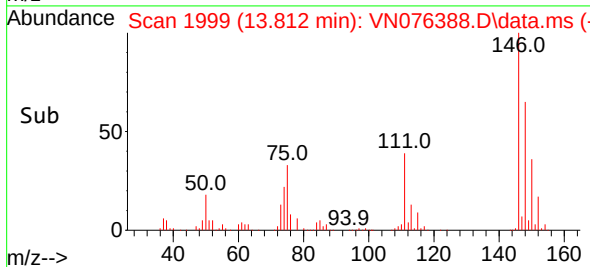
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

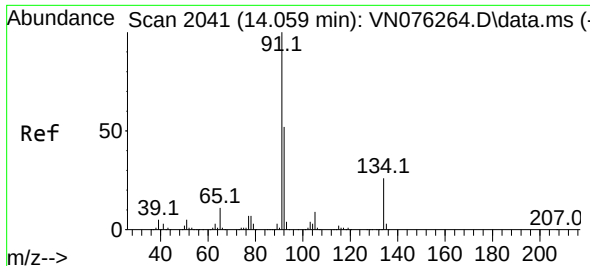


#88
1,4-Dichlorobenzene
Concen: 43.173 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



Tgt Ion:146 Resp: 420983
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.5
148 64.6 31.9 95.9





#89
n-Butylbenzene
Concen: 48.681 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

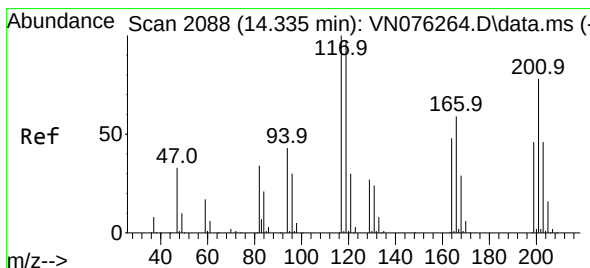
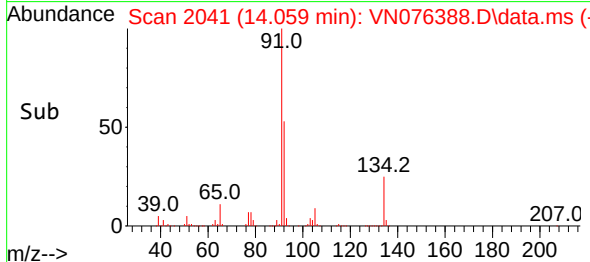
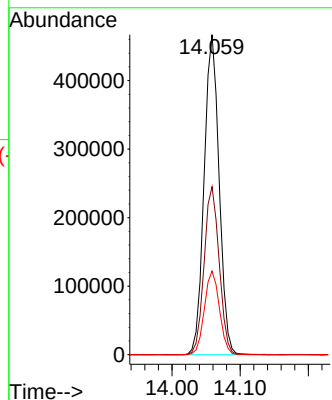
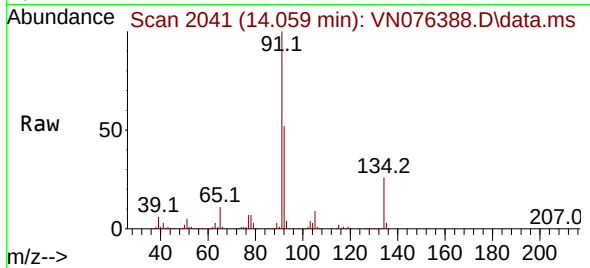
VSTDCCC050EC

Tgt Ion: 91 Resp: 71478
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 26.2 13.2 39.5

Manual Integrations

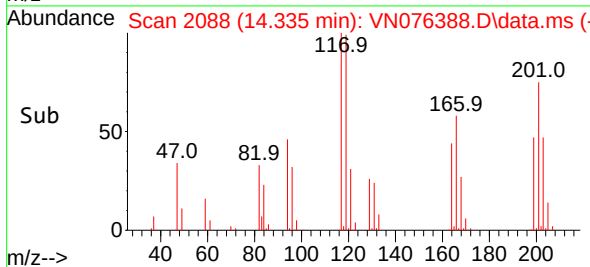
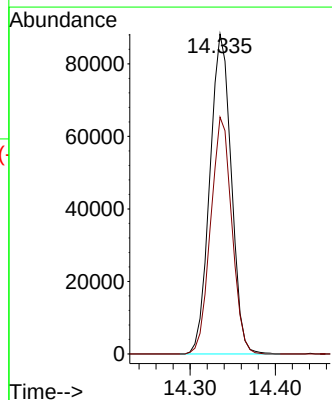
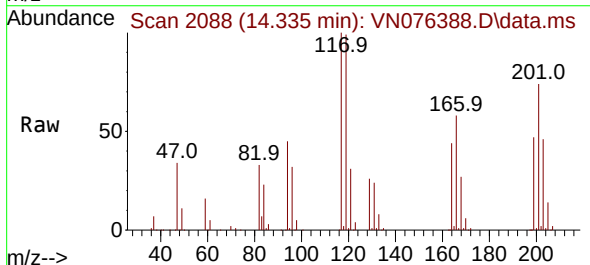
APPROVED

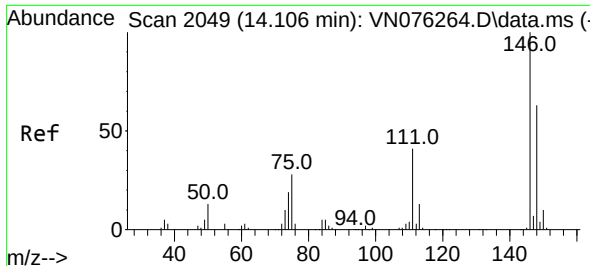
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#90
Hexachloroethane
Concen: 48.249 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

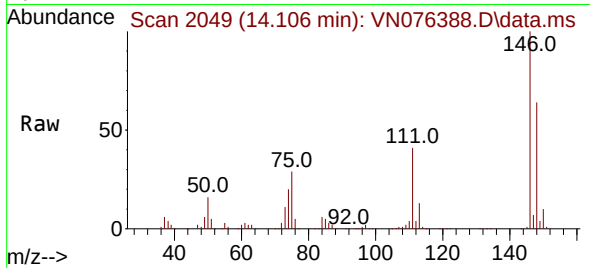
Tgt Ion:117 Resp: 154027
Ion Ratio Lower Upper
117 100
201 73.2 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 41.869 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

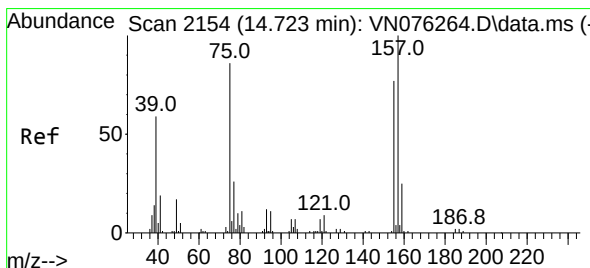
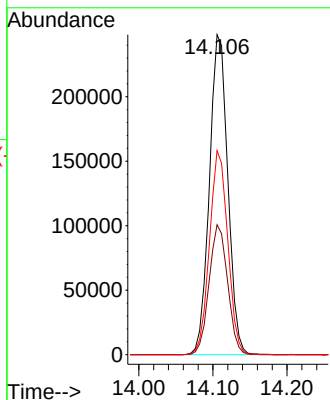
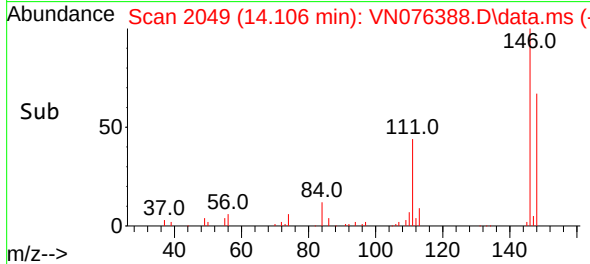
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 427609
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 63.4 31.8 95.4

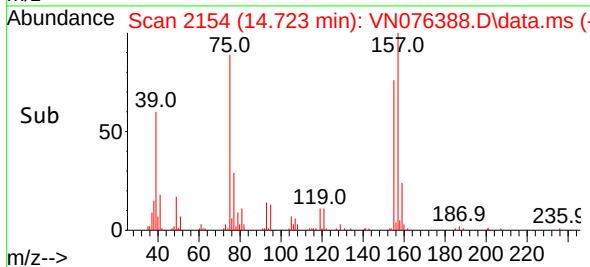
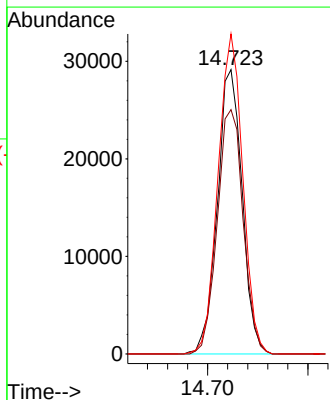
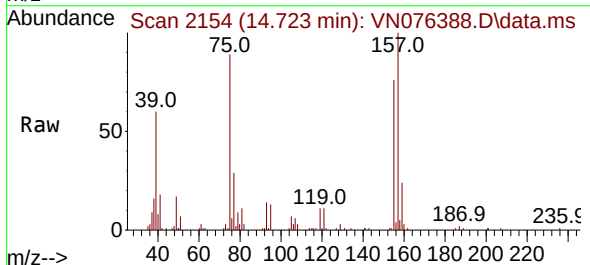
Manual Integrations
APPROVED

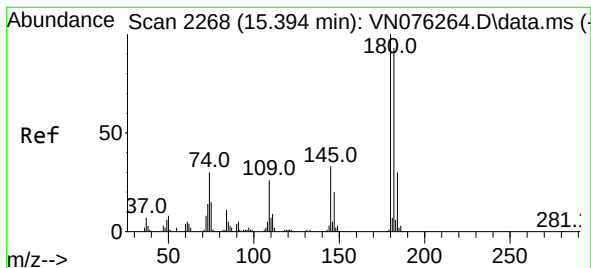
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.005 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

Tgt Ion: 75 Resp: 50013
Ion Ratio Lower Upper
75 100
155 89.7 45.0 135.0
157 112.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 41.047 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076388.D

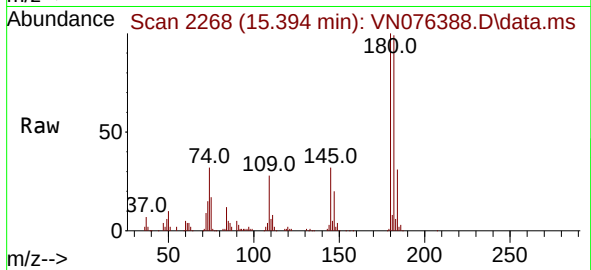
Acq: 24 Jan 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 201374

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

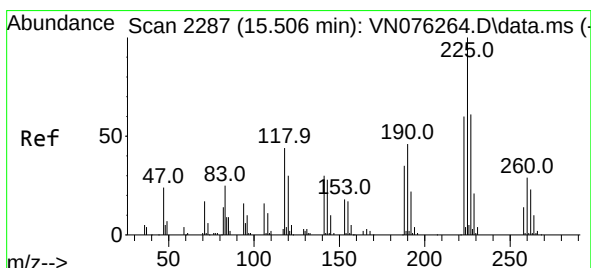
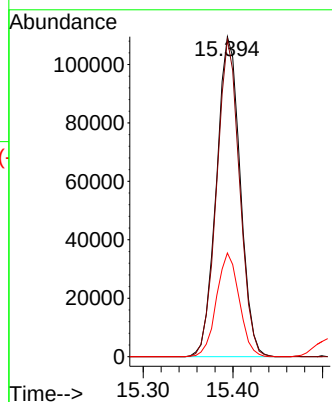
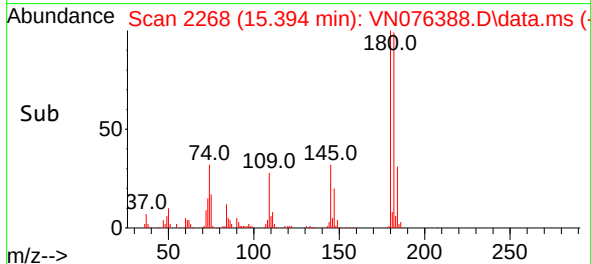
145 31.0 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#94

Hexachlorobutadiene

Concen: 40.536 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076388.D

Acq: 24 Jan 2023 18:22

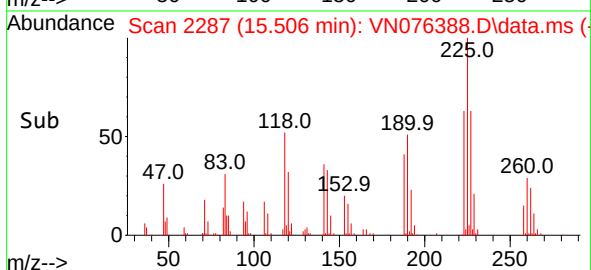
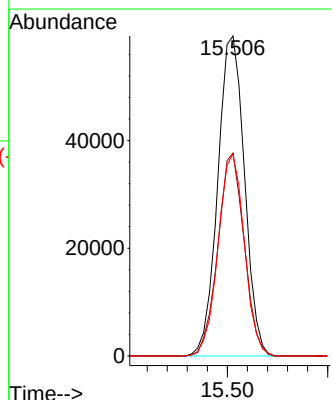
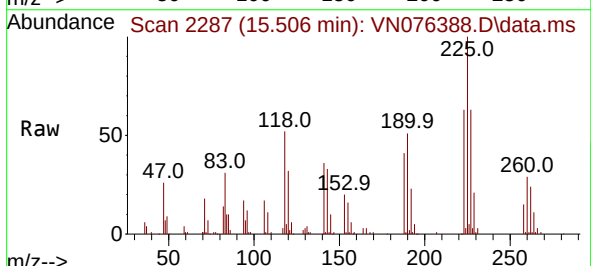
Tgt Ion:225 Resp: 109860

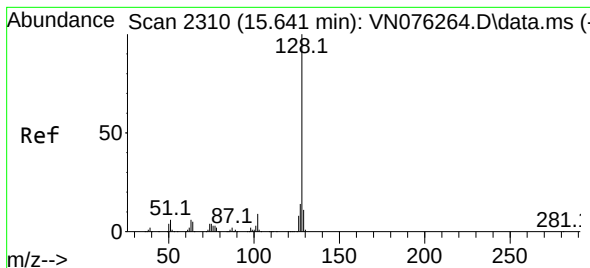
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

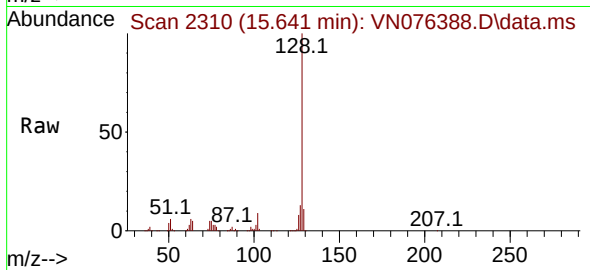
227 61.9 30.9 92.8





#95
Naphthalene
Concen: 39.955 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22

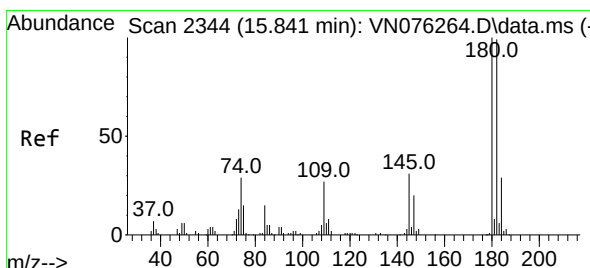
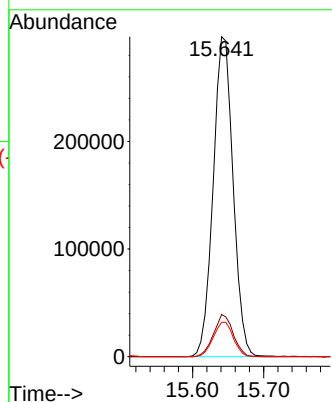
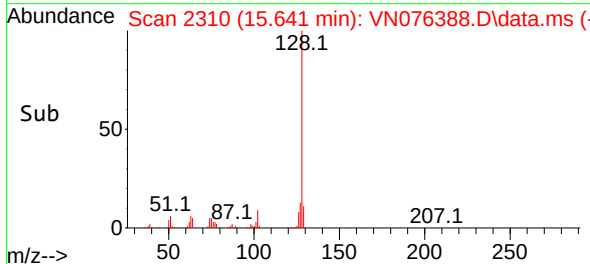
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



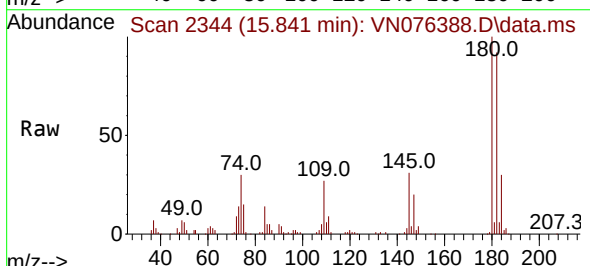
Tgt Ion:128 Resp: 578199
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.728 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076388.D
Acq: 24 Jan 2023 18:22



Tgt Ion:180 Resp: 195365
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 32.3 15.9 47.6

