

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076408.D
 Acq On : 25 Jan 2023 17:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 26 07:20:33 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	349996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	489791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	211058	53.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.720%			
35) Dibromofluoromethane	8.171	113	186444	55.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.620%			
50) Toluene-d8	10.571	98	650013	52.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.847	95	236036	58.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	170136	47.436	ug/l	98
3) Chloromethane	2.371	50	195099	52.538	ug/l	98
4) Vinyl Chloride	2.530	62	268987	59.074	ug/l	99
5) Bromomethane	2.948	94	192434	51.607	ug/l	97
6) Chloroethane	3.124	64	184552	54.052	ug/l	98
7) Trichlorofluoromethane	3.506	101	343978	54.910	ug/l	98
8) Diethyl Ether	3.977	74	121968	58.048	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	189356	53.395	ug/l	96
10) Methyl Iodide	4.606	142	286789	52.943	ug/l	96
11) Tert butyl alcohol	5.536	59	155613	296.875	ug/l	100
12) 1,1-Dichloroethene	4.353	96	178003	53.098	ug/l	85
13) Acrolein	4.195	56	215365	343.562	ug/l	99
14) Allyl chloride	5.036	41	231684	59.305	ug/l	97
15) Acrylonitrile	5.730	53	428945	287.568	ug/l	99
16) Acetone	4.442	43	374160	297.849	ug/l	96
17) Carbon Disulfide	4.724	76	409119	49.013	ug/l	98
18) Methyl Acetate	5.036	43	241556	56.737	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	664483	60.886	ug/l	100
20) Methylene Chloride	5.289	84	205573	55.366	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	191961	52.857	ug/l	96
22) Diisopropyl ether	6.683	45	583419	63.327	ug/l	98
23) Vinyl Acetate	6.612	43	1887494	317.004	ug/l	97
24) 1,1-Dichloroethane	6.577	63	359577	58.553	ug/l	98
25) 2-Butanone	7.488	43	544000	283.526	ug/l	94
26) 2,2-Dichloropropane	7.500	77	295029	57.002	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	230905	54.513	ug/l	95
28) Bromochloromethane	7.818	49	129392	51.983	ug/l	93
29) Tetrahydrofuran	7.847	42	354558	299.410	ug/l	96
30) Chloroform	7.971	83	390688	57.496	ug/l	97
31) Cyclohexane	8.265	56	286061	47.519	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	350068	56.428	ug/l	96
36) 1,1-Dichloropropene	8.377	75	268106	56.474	ug/l	99
37) Ethyl Acetate	7.565	43	230933	60.638	ug/l	99
38) Carbon Tetrachloride	8.371	117	313097	59.140	ug/l	97
39) Methylcyclohexane	9.606	83	306250	52.825	ug/l	96
40) Benzene	8.612	78	785254	55.317	ug/l	100

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 VSTDC0050EC

Manual Integrations
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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	126383	63.388	ug/l	97
42) 1,2-Dichloroethane	8.677	62	275242	56.669	ug/l	99
43) Isopropyl Acetate	8.694	43	355444	57.379	ug/l	99
44) Trichloroethene	9.353	130	202529	50.443	ug/l	96
45) 1,2-Dichloropropane	9.624	63	187313	55.113	ug/l	98
46) Dibromomethane	9.712	93	137271	53.494	ug/l	98
47) Bromodichloromethane	9.894	83	282957	56.853	ug/l	96
48) Methyl methacrylate	9.682	41	171697	58.546	ug/l	96
49) 1,4-Dioxane	9.700	88	68164	1101.538	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1069991	294.236	ug/l	98
52) Toluene	10.635	92	505438	53.243	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	282891	59.626	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	311529	57.074	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	200439	55.239	ug/l	97
56) Ethyl methacrylate	10.876	69	288766	61.641	ug/l	99
57) 1,3-Dichloropropane	11.165	76	326916	55.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	411176	259.994	ug/l	98
59) 2-Hexanone	11.200	43	773304	293.450	ug/l	99
60) Dibromochloromethane	11.359	129	223937	58.626	ug/l	99
61) 1,2-Dibromoethane	11.471	107	200762	55.430	ug/l	99
64) Tetrachloroethene	11.106	164	194877	44.120	ug/l	98
65) Chlorobenzene	11.894	112	541695	52.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	211736	54.965	ug/l	99
67) Ethyl Benzene	11.965	91	989462	55.839	ug/l	97
68) m/p-Xylenes	12.071	106	782997	110.197	ug/l	99
69) o-Xylene	12.400	106	385926	55.308	ug/l	97
70) Styrene	12.412	104	636801	57.156	ug/l	98
71) Bromoform	12.582	173	158391	56.935	ug/l #	100
73) Isopropylbenzene	12.700	105	1018945	54.650	ug/l	98
74) N-amyl acetate	12.494	43	319162	59.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	283789	52.947	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	249442m	56.944	ug/l	
77) Bromobenzene	12.982	156	231073	53.044	ug/l	94
78) n-propylbenzene	13.041	91	1158591	55.072	ug/l	99
79) 2-Chlorotoluene	13.129	91	693685	53.735	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	867606	55.545	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	78494	54.188	ug/l	95
82) 4-Chlorotoluene	13.129	91	693685	53.735	ug/l	99
83) tert-Butylbenzene	13.441	119	755243	54.364	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	877381	56.018	ug/l	98
85) sec-Butylbenzene	13.617	105	1074641	55.747	ug/l	99
86) p-Isopropyltoluene	13.729	119	917437	57.876	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	453605	51.617	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	440429	52.680	ug/l	99
89) n-Butylbenzene	14.059	91	744020	59.126	ug/l	99
90) Hexachloroethane	14.335	117	157146	57.439	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	446221	50.981	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	53367	57.280	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	224476	52.996	ug/l	99
94) Hexachlorobutadiene	15.506	225	116459	50.140	ug/l	98
95) Naphthalene	15.641	128	657826	52.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	210343	52.127	ug/l	98

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ClientSampleId :
VSTDCCC050EC

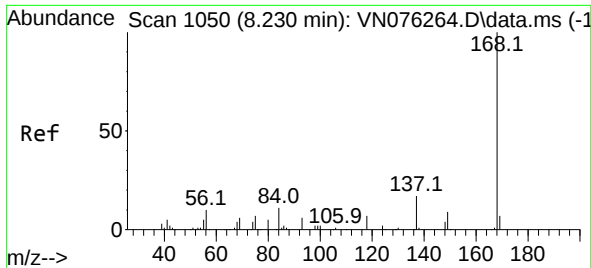
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/26/2023

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

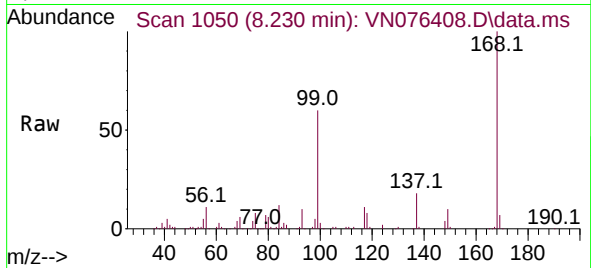
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076408.D
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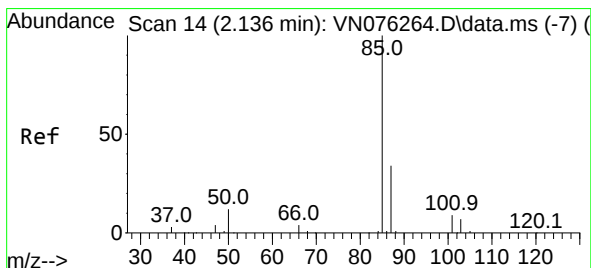
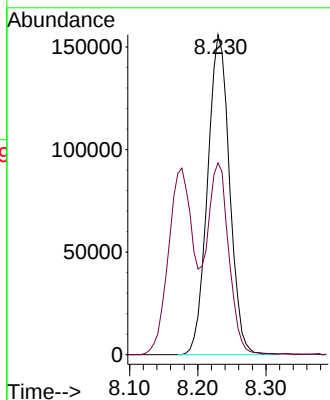
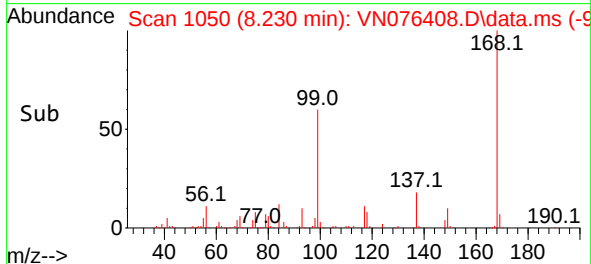
Instrument :
MSVOA_N
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VSTDCCC050EC



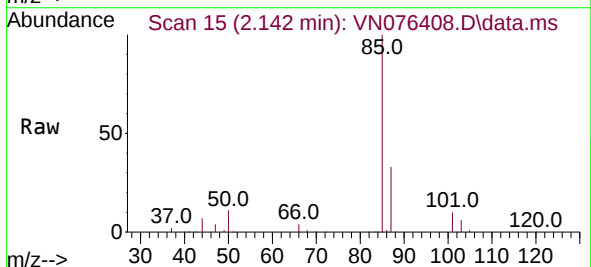
Tgt Ion:168 Resp: 349990
Ion Ratio Lower Upper
168 100
99 59.8 41.6 62.4

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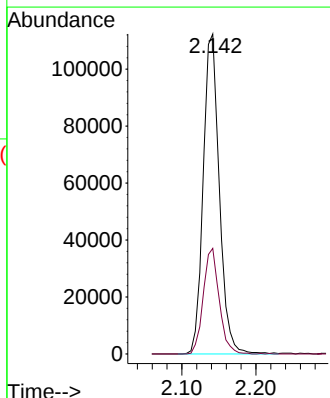
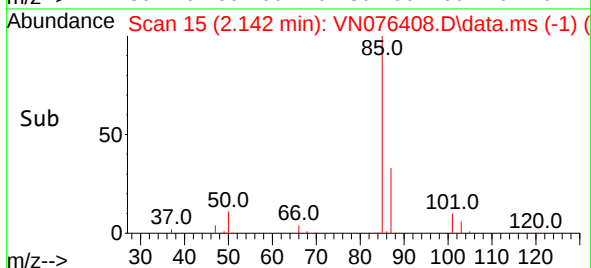
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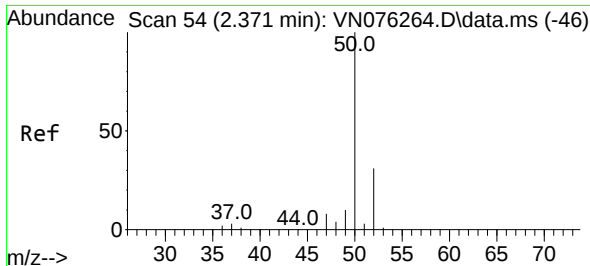


#2
Dichlorodifluoromethane
Concen: 47.436 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion: 85 Resp: 170136
Ion Ratio Lower Upper
85 100
87 33.0 17.1 51.2





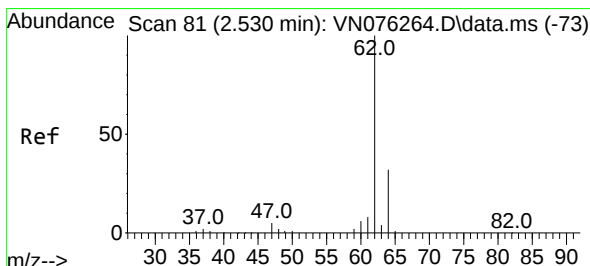
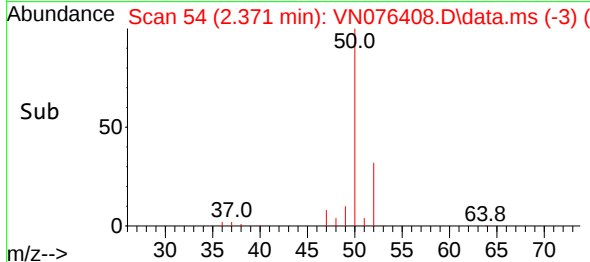
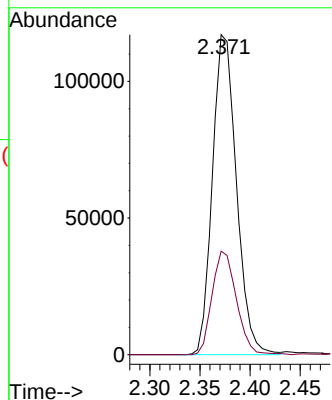
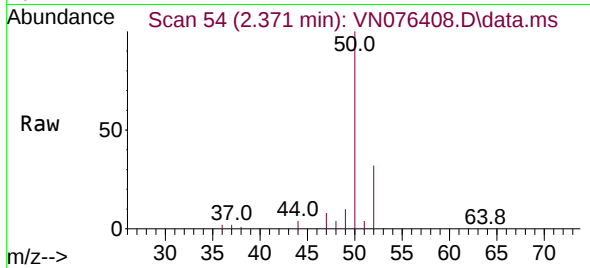
#3
Chloromethane
Concen: 52.538 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
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Tgt Ion: 50 Resp: 195099
Ion Ratio Lower Upper
50 100
52 32.3 24.8 37.2

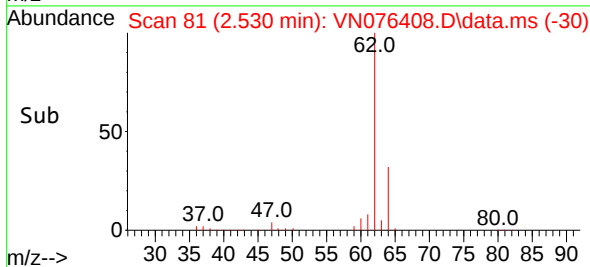
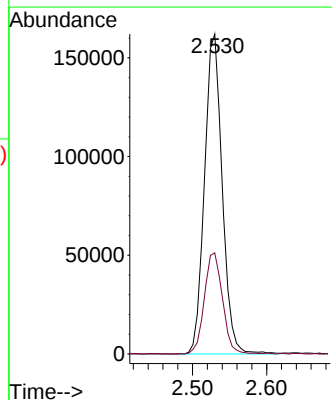
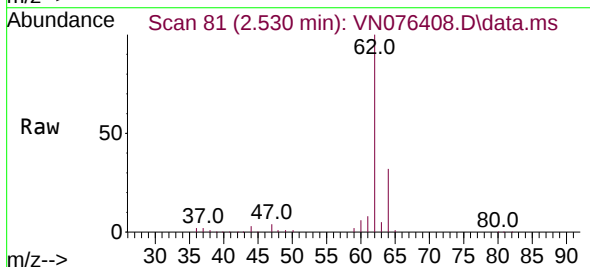
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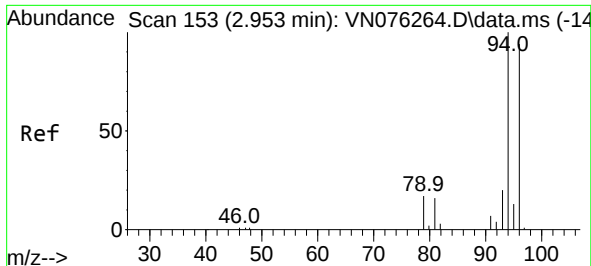
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#4
Vinyl Chloride
Concen: 59.074 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

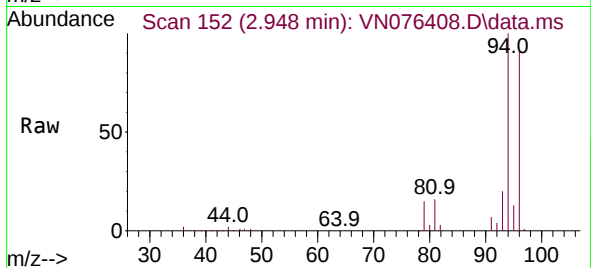
Tgt Ion: 62 Resp: 268987
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 51.607 ug/l
RT: 2.948 min Scan# 152
Delta R.T. -0.005 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

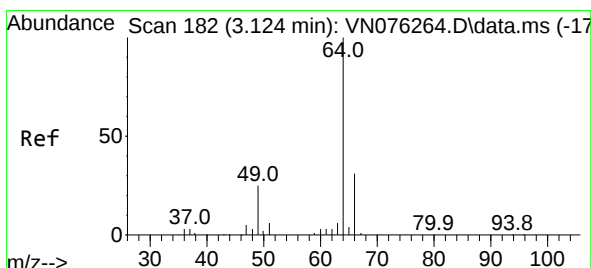
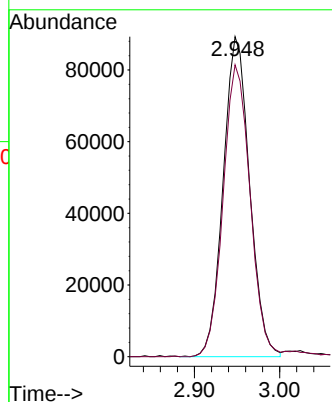
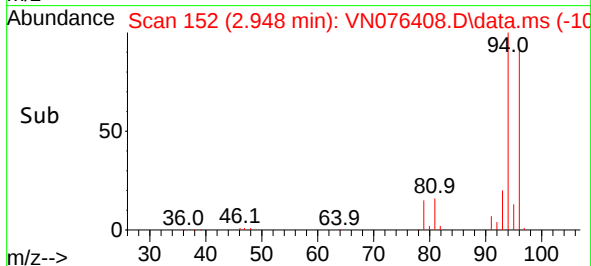
Instrument :
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Tgt Ion: 94 Resp: 192434
Ion Ratio Lower Upper
94 100
96 91.2 75.1 112.7

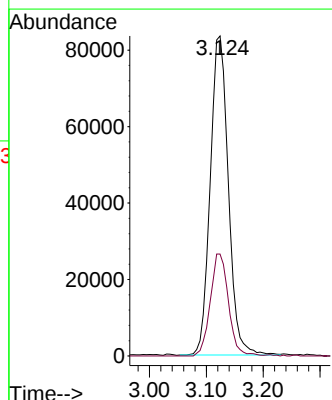
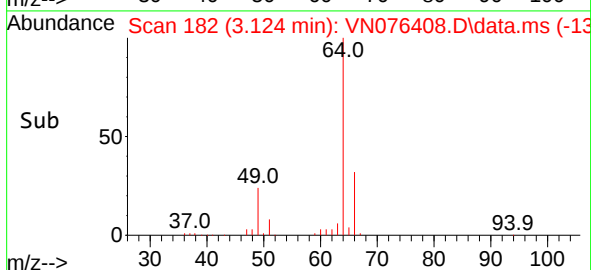
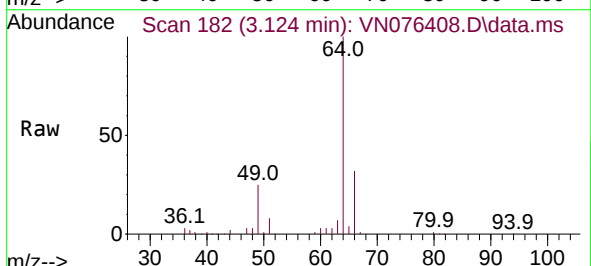
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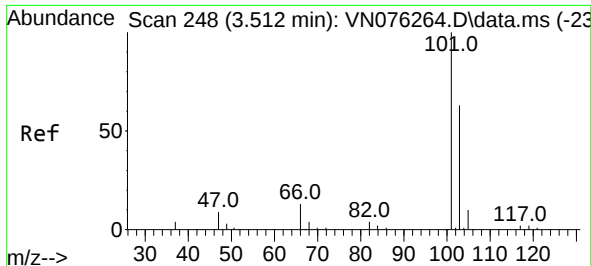
Reviewed By :John Carlone 01/26/2023
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#6
Chloroethane
Concen: 54.052 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076408.D
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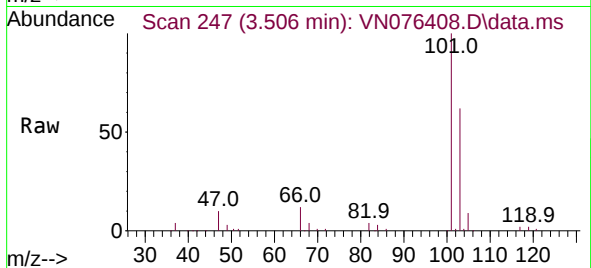
Tgt Ion: 64 Resp: 184552
Ion Ratio Lower Upper
64 100
66 31.9 24.8 37.2





#7
Trichlorofluoromethane
Concen: 54.910 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

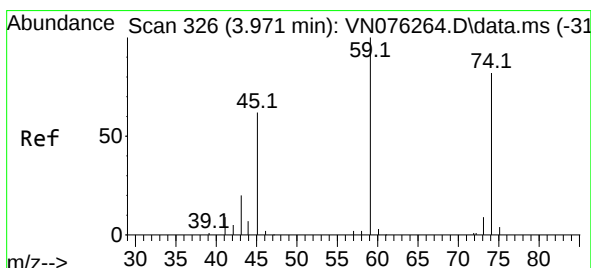
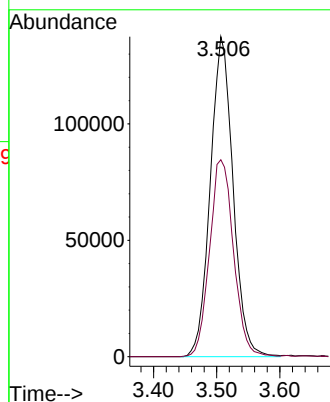
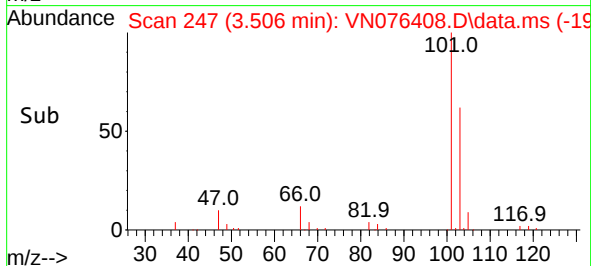
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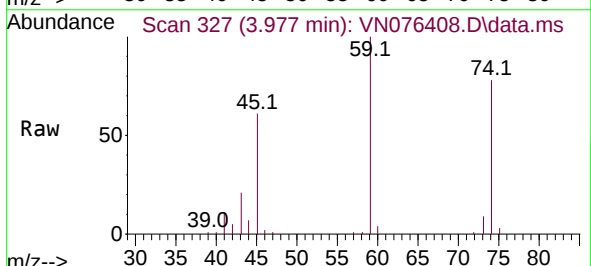
Tgt Ion:101 Resp: 343978
Ion Ratio Lower Upper
101 100
103 61.5 50.2 75.4

Manual Integrations
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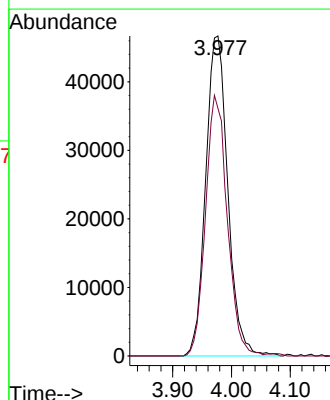
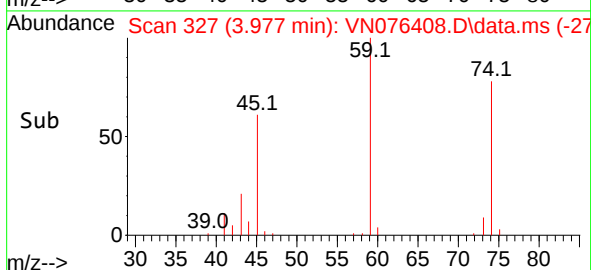
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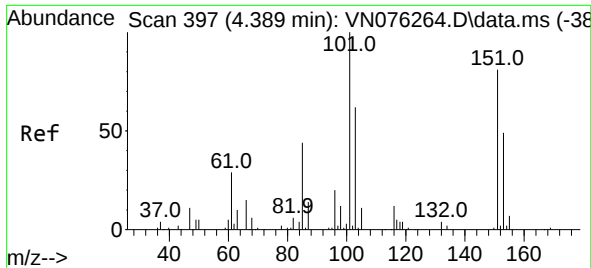


#8
Diethyl Ether
Concen: 58.048 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion: 74 Resp: 121968
Ion Ratio Lower Upper
74 100
45 80.1 37.8 113.3





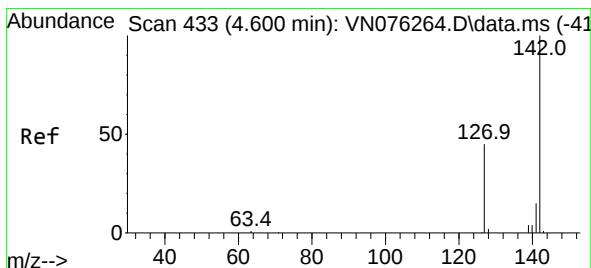
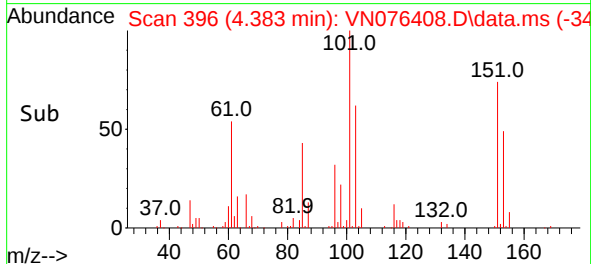
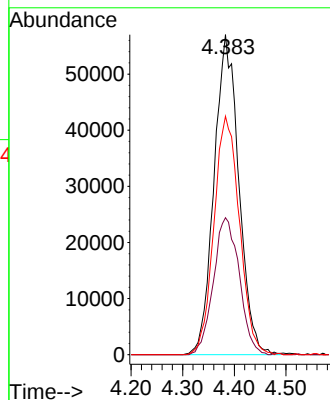
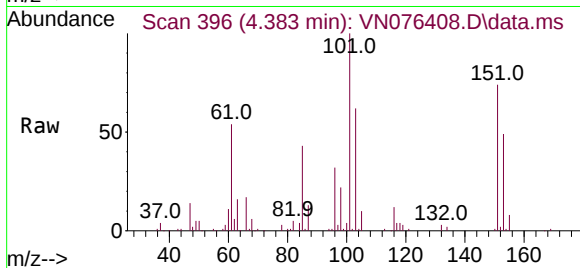
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.395 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 189350
Ion Ratio Lower Upper
101 100
85 44.8 35.5 53.3
151 77.0 65.5 98.3

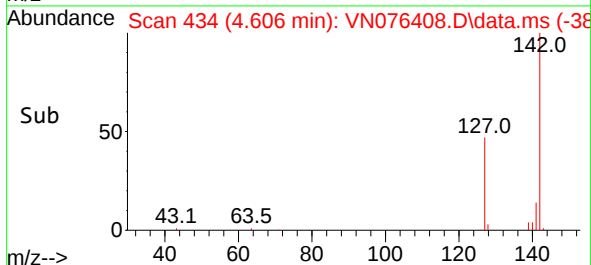
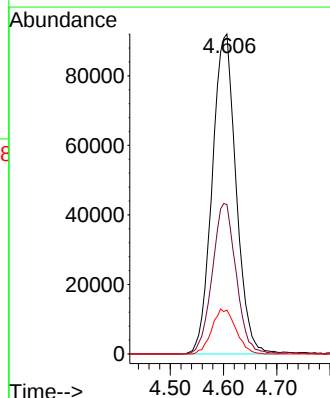
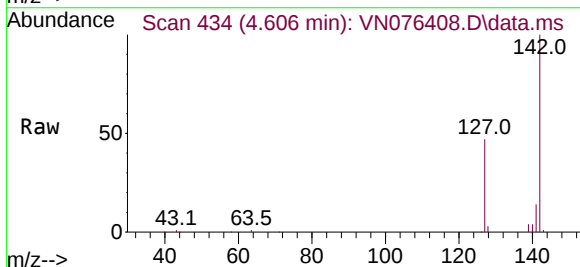
Manual Integrations
APPROVED

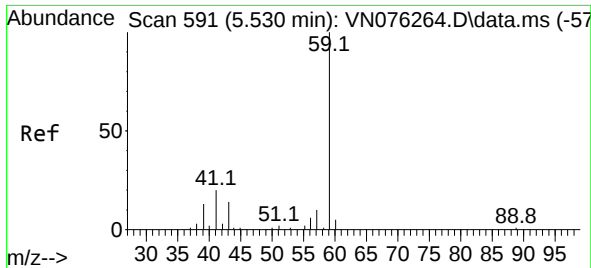
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#10
Methyl Iodide
Concen: 52.943 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion:142 Resp: 286789
Ion Ratio Lower Upper
142 100
127 47.0 35.0 52.4
141 14.1 11.5 17.3





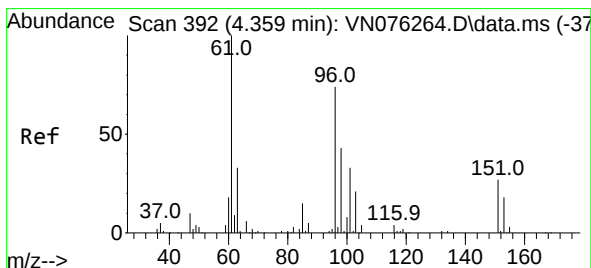
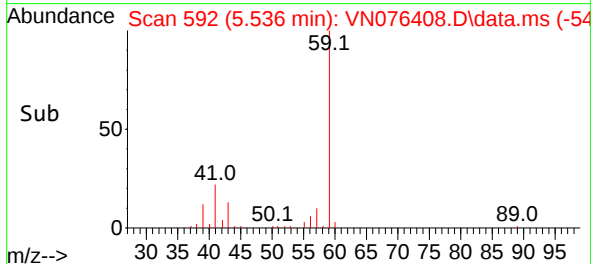
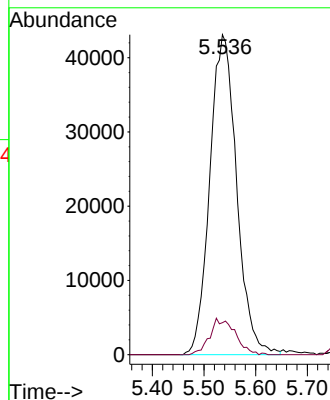
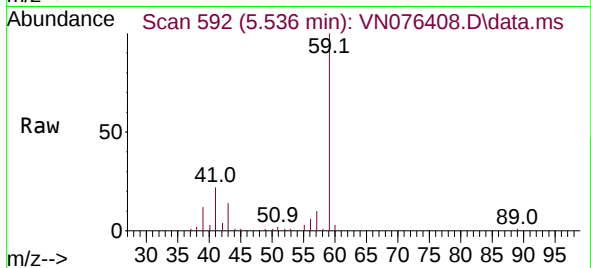
#11
Tert butyl alcohol
Concen: 296.875 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 15561
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

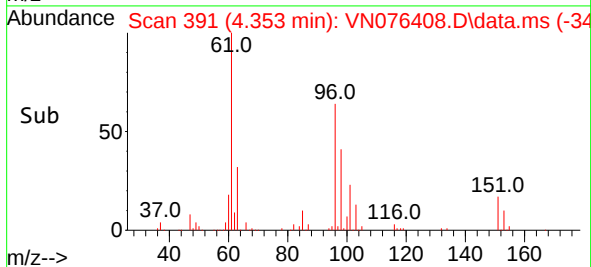
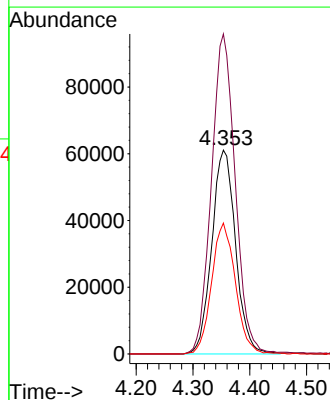
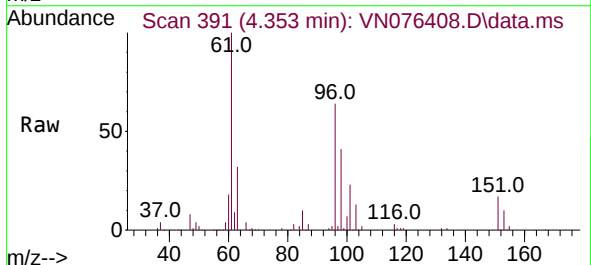
Manual Integrations
APPROVED

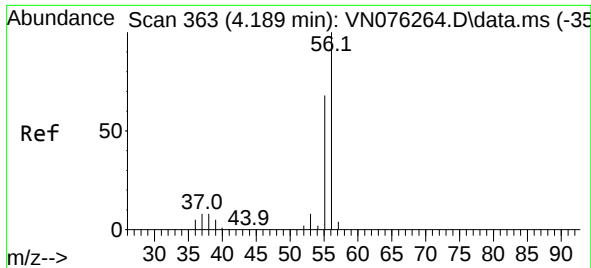
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#12
1,1-Dichloroethene
Concen: 53.098 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

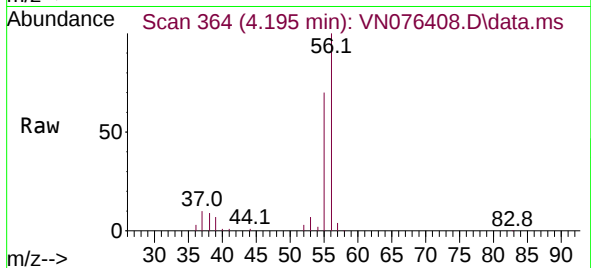
Tgt Ion: 96 Resp: 178003
Ion Ratio Lower Upper
96 100
61 157.0 108.2 162.4
98 64.2 47.0 70.6





#13
Acrolein
Concen: 343.562 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

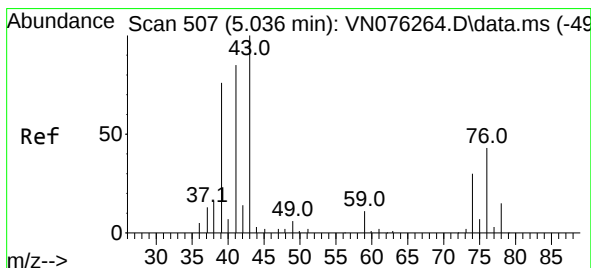
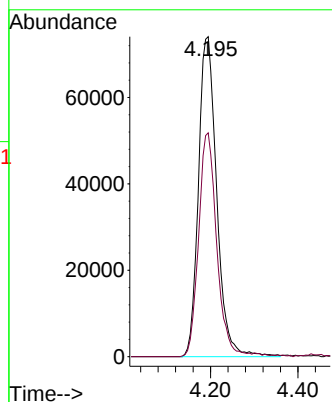
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21536
Ion Ratio Lower Upper
56 100
55 69.1 55.8 83.6

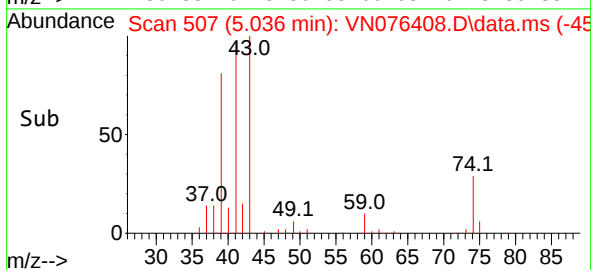
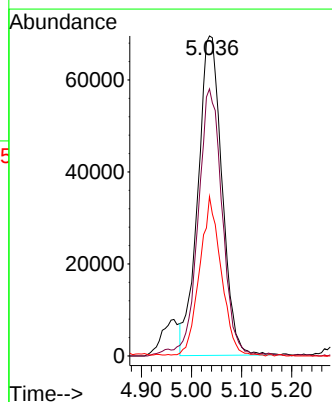
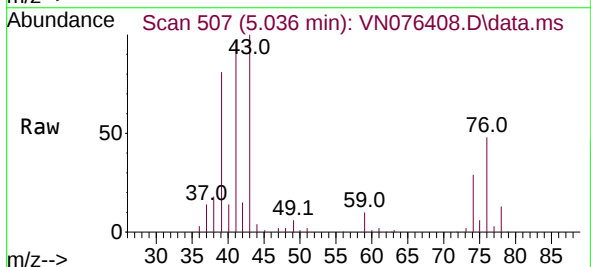
Manual Integrations
APPROVED

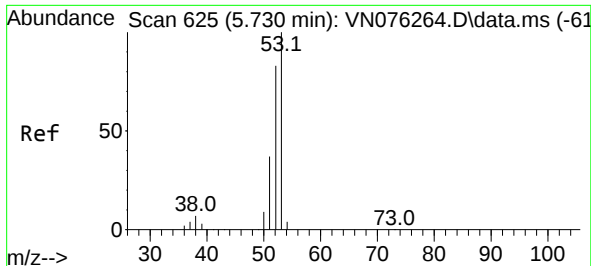
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#14
Allyl chloride
Concen: 59.305 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

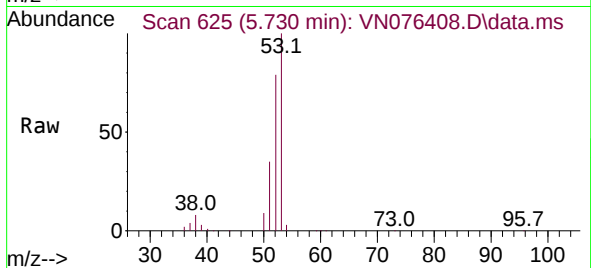
Tgt Ion: 41 Resp: 231684
Ion Ratio Lower Upper
41 100
39 83.9 67.4 101.0
76 45.0 39.8 59.8





#15
Acrylonitrile
Concen: 287.568 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

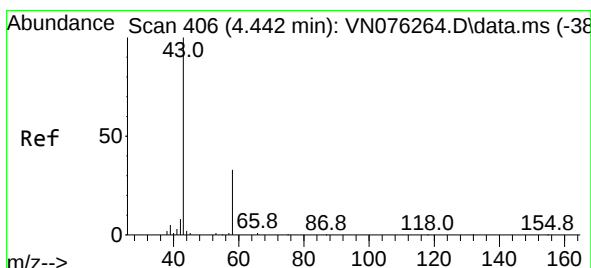
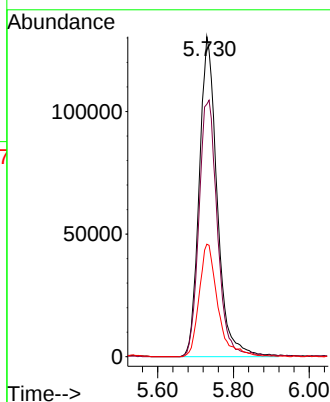
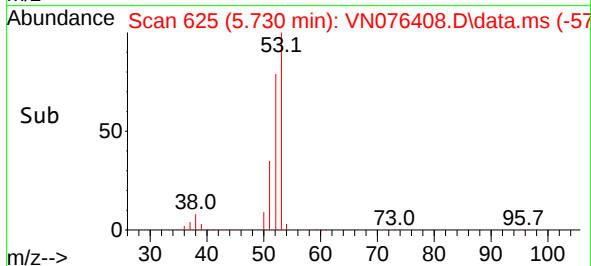
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



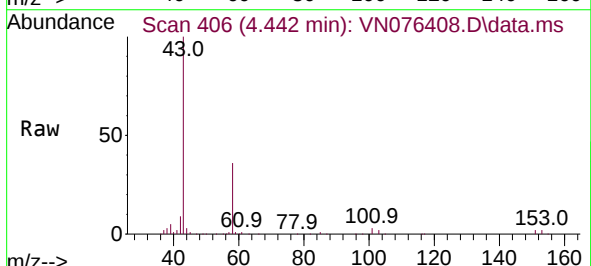
Tgt Ion: 53 Resp: 428945
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 36.6 29.2 43.8

Manual Integrations
APPROVED

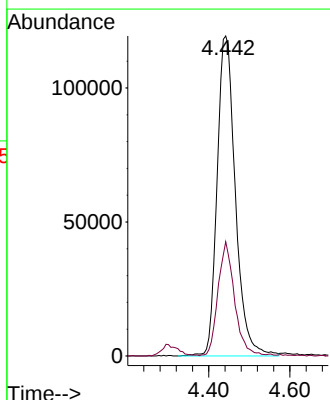
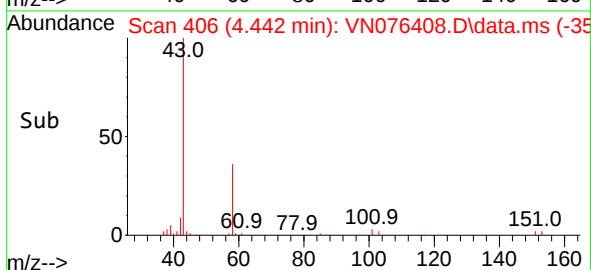
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

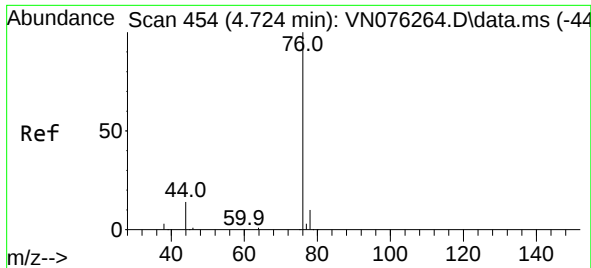


#16
Acetone
Concen: 297.849 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion: 43 Resp: 374160
Ion Ratio Lower Upper
43 100
58 35.4 26.7 40.1





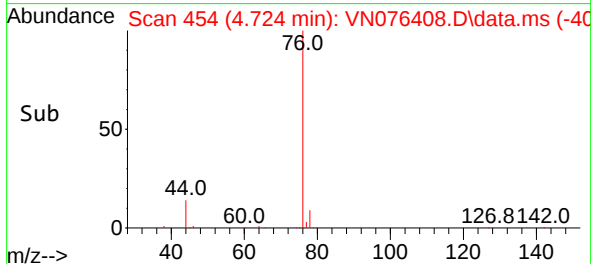
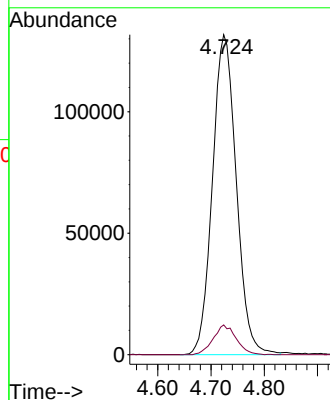
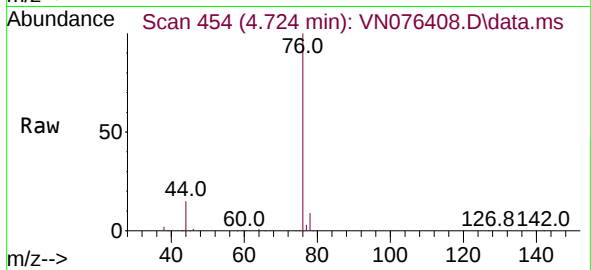
#17
Carbon Disulfide
Concen: 49.013 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 409119
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0

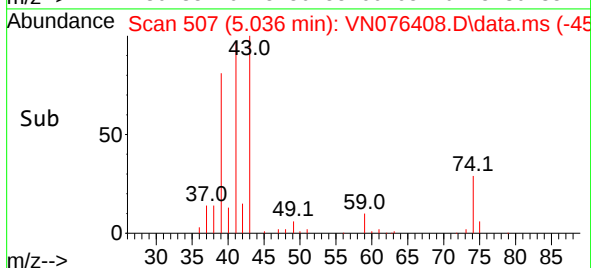
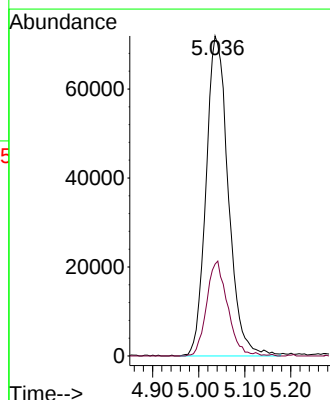
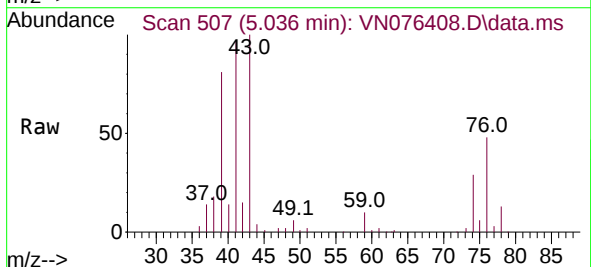
Manual Integrations
APPROVED

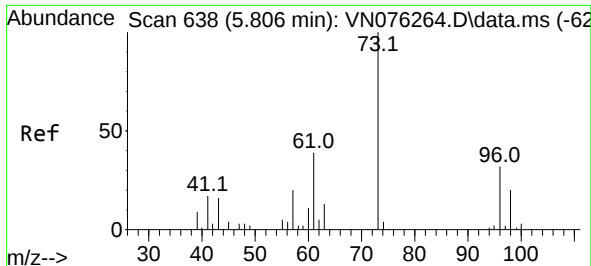
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#18
Methyl Acetate
Concen: 56.737 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion: 43 Resp: 241556
Ion Ratio Lower Upper
43 100
74 28.1 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 60.886 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

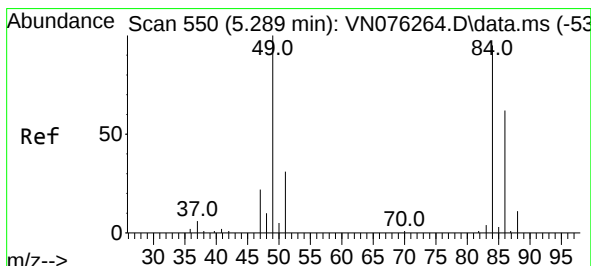
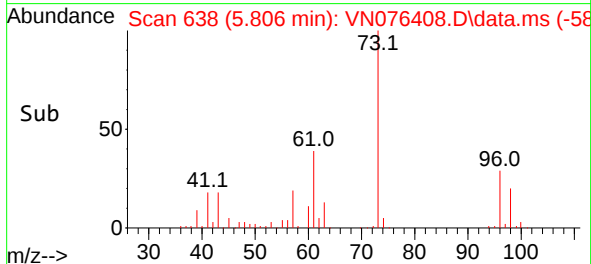
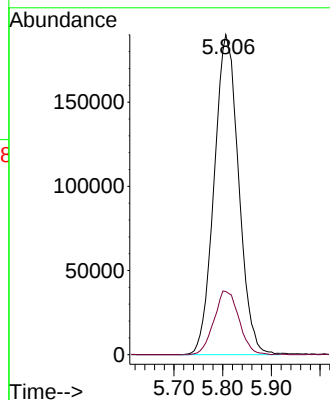
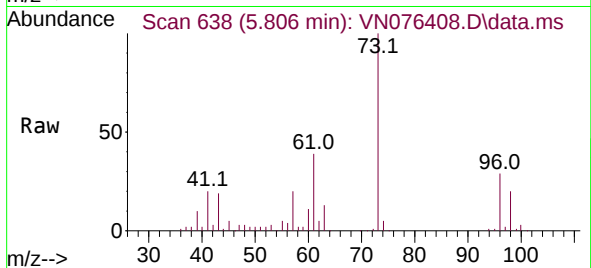
VSTDCCC050EC

Tgt Ion: 73 Resp: 66448
Ion Ratio Lower Upper
73 100
57 19.8 15.9 23.9

Manual Integrations

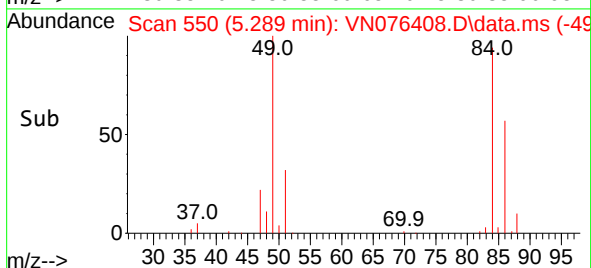
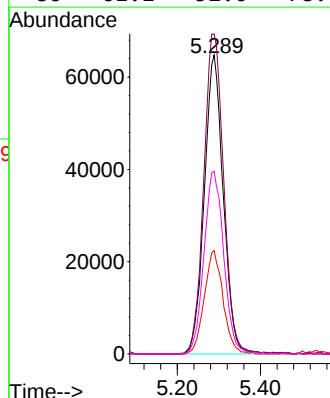
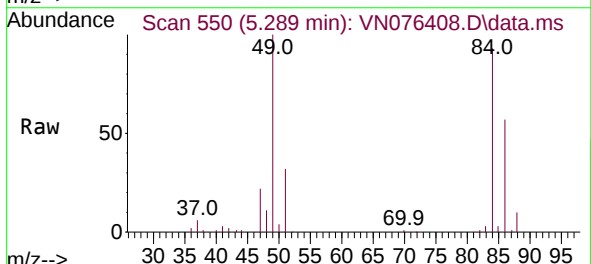
APPROVED

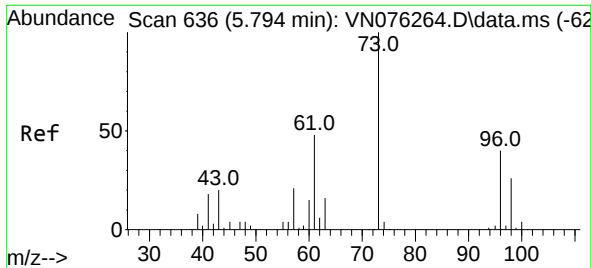
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#20
Methylene Chloride
Concen: 55.366 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

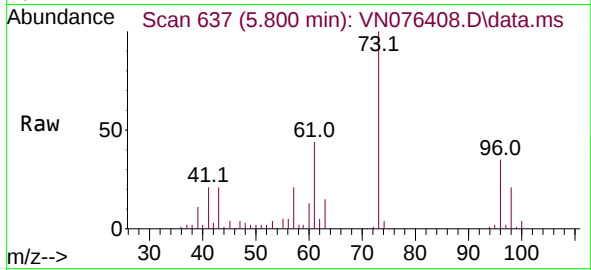
Tgt Ion: 84 Resp: 205573
Ion Ratio Lower Upper
84 100
49 107.0 84.5 126.7
51 34.6 26.0 39.0
86 61.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 52.857 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

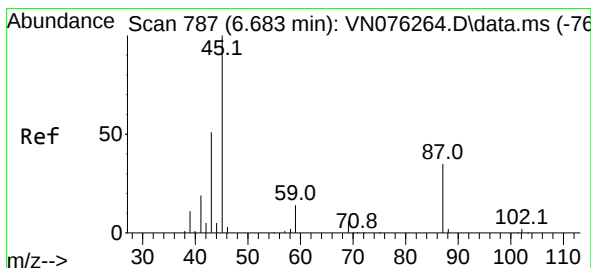
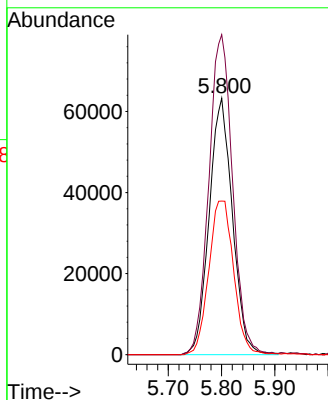
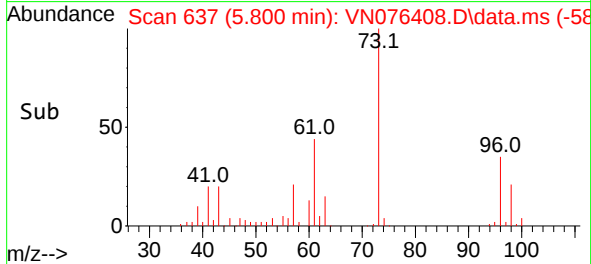
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 19196
Ion Ratio Lower Upper
96 100
61 124.8 97.0 145.4
98 59.9 51.9 77.9

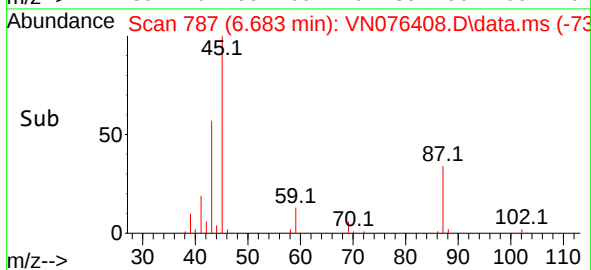
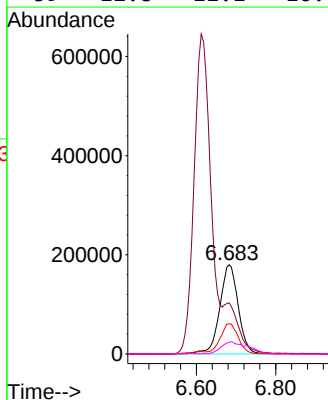
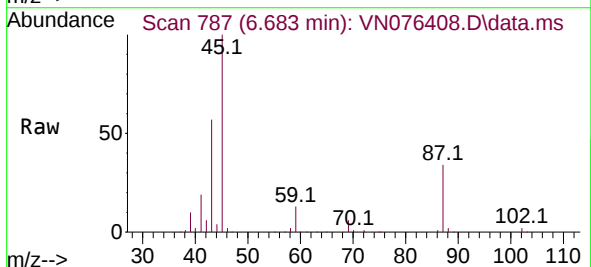
Manual Integrations
APPROVED

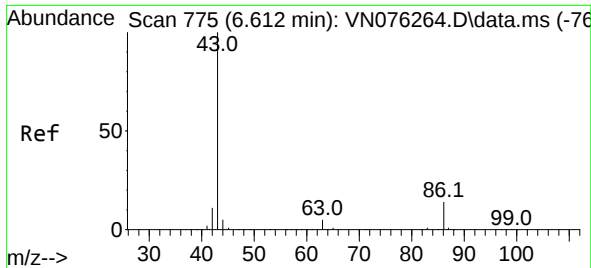
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#22
Diisopropyl ether
Concen: 63.327 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

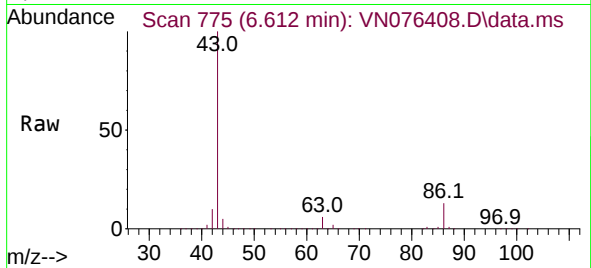
Tgt Ion: 45 Resp: 583419
Ion Ratio Lower Upper
45 100
43 56.1 44.4 66.6
87 33.6 28.4 42.6
59 12.8 11.1 16.7





#23
 Vinyl Acetate
 Concen: 317.004 ug/l
 RT: 6.612 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VN076408.D
 Acq: 25 Jan 2023 17:46

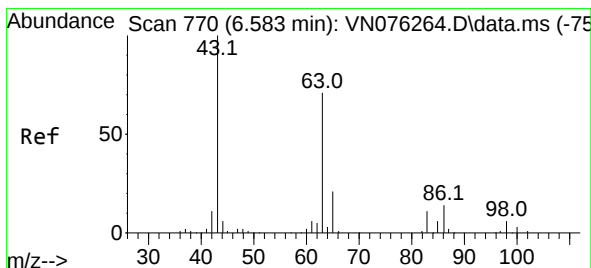
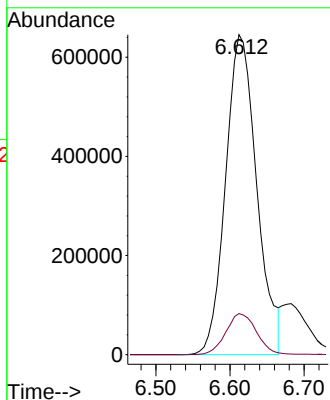
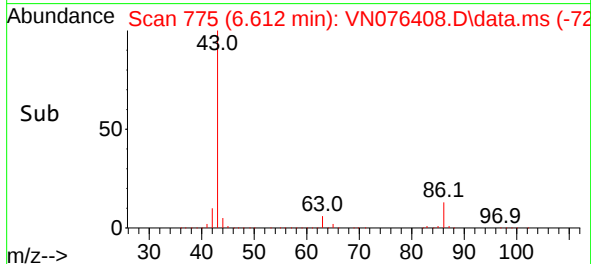
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



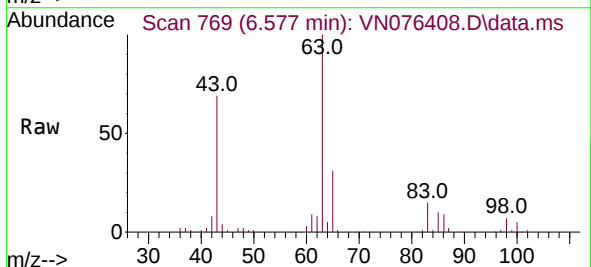
Tgt Ion: 43 Resp: 1887494
 Ion Ratio Lower Upper
 43 100
 86 12.9 11.2 16.8

Manual Integrations
 APPROVED

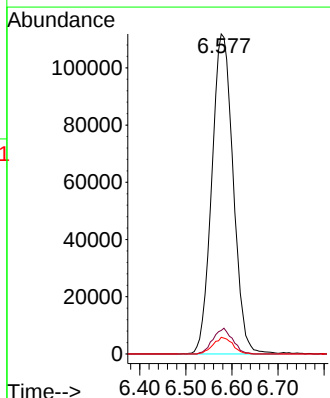
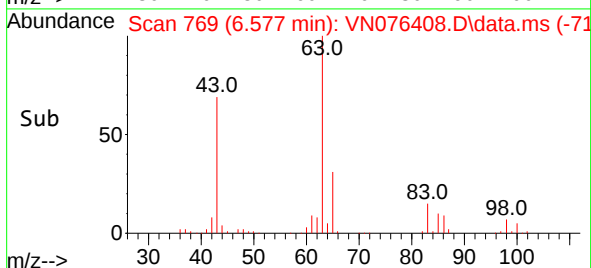
Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

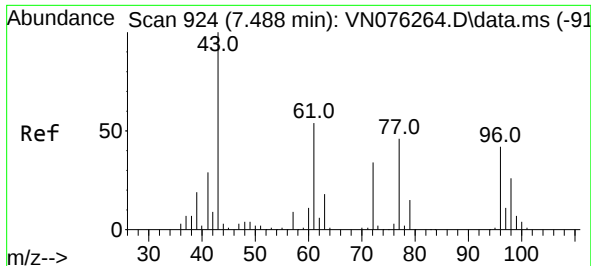


#24
 1,1-Dichloroethane
 Concen: 58.553 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076408.D
 Acq: 25 Jan 2023 17:46



Tgt Ion: 63 Resp: 359577
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 283.526 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 544000

Ion Ratio Lower Upper

43 100

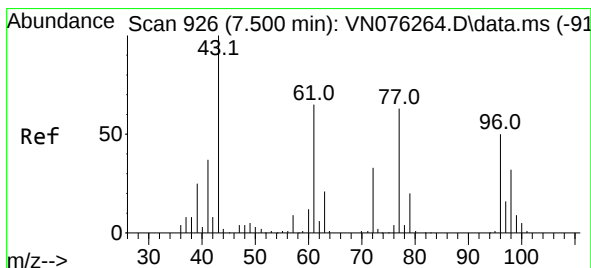
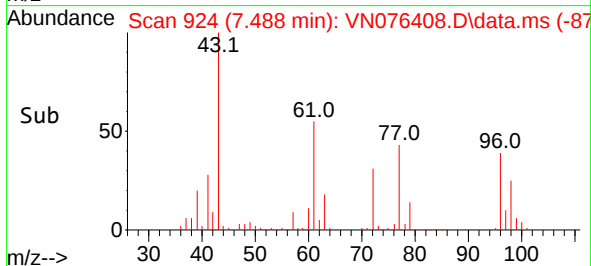
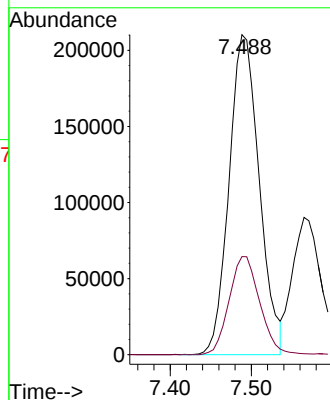
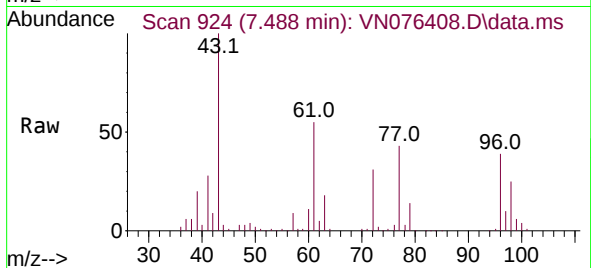
72 30.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#26

2,2-Dichloropropane

Concen: 57.002 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076408.D

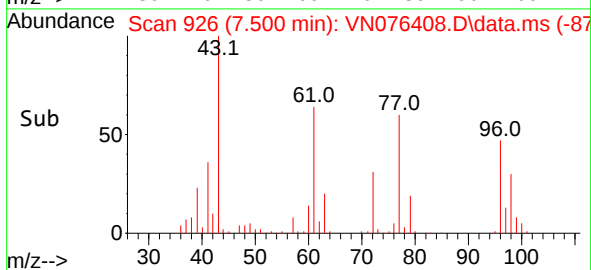
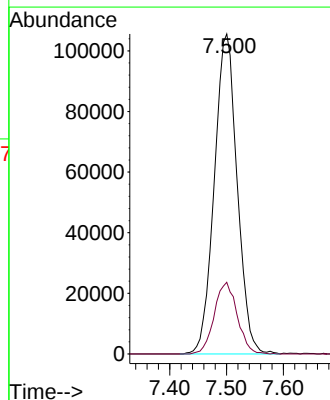
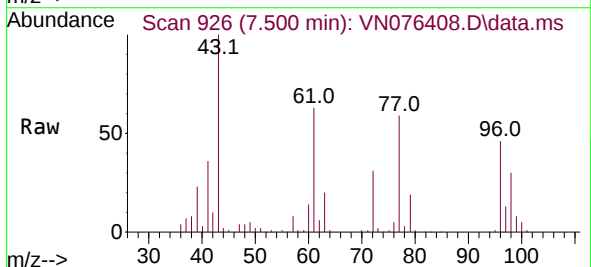
Acq: 25 Jan 2023 17:46

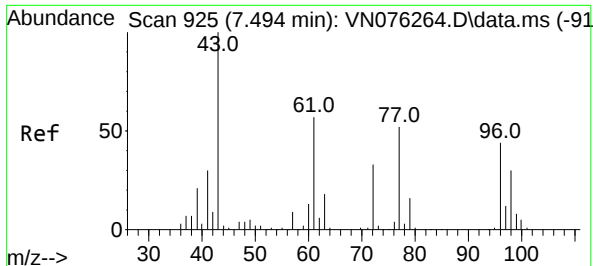
Tgt Ion: 77 Resp: 295029

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 54.513 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076408.D

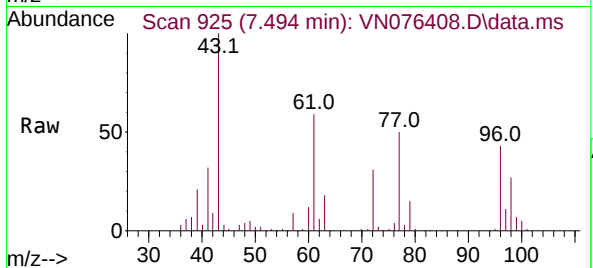
Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 23090

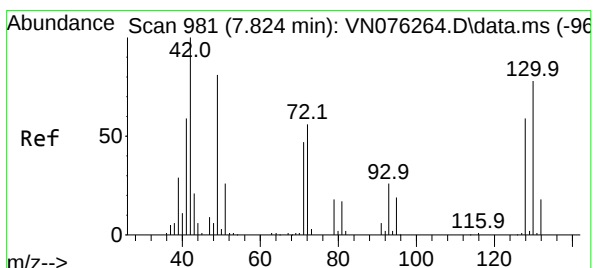
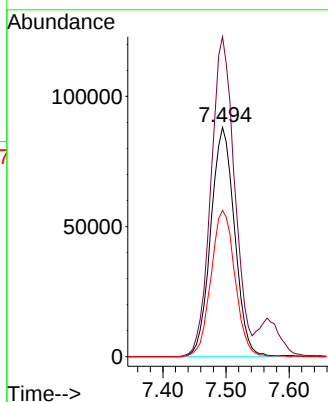
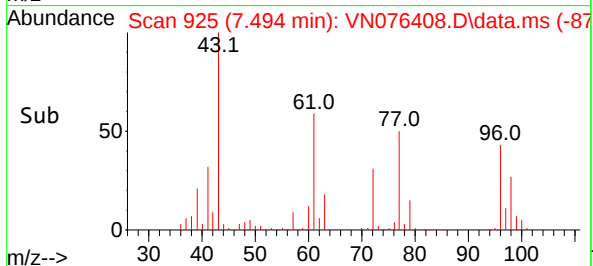
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	259.6
98	64.3	0.0	129.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#28

Bromochloromethane

Concen: 51.983 ug/l

RT: 7.818 min Scan# 980

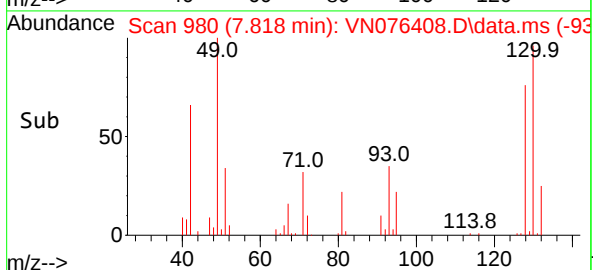
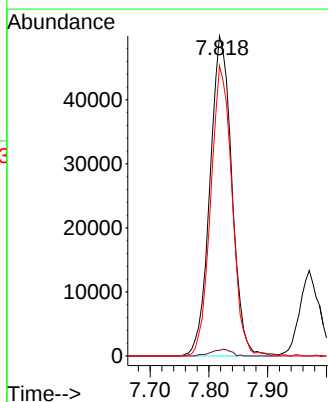
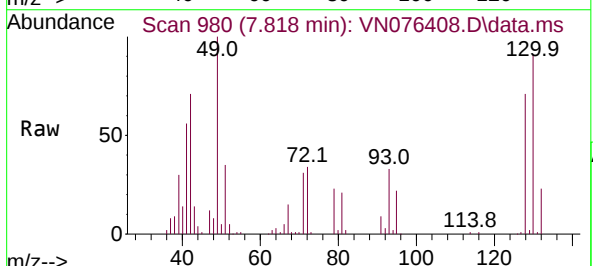
Delta R.T. -0.006 min

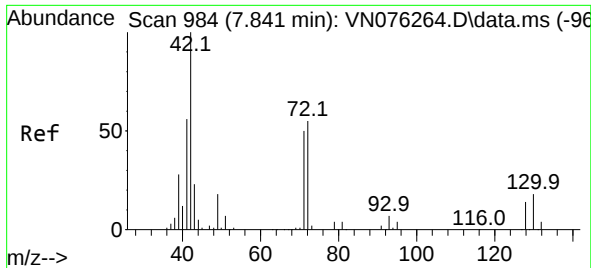
Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Tgt Ion: 49 Resp: 129392

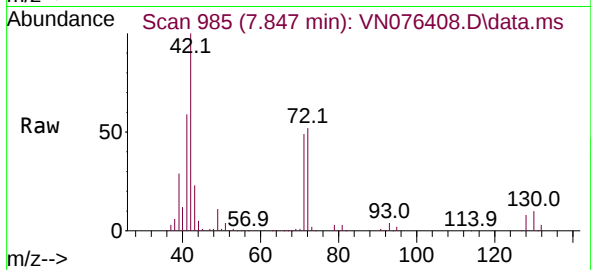
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.2
130	87.8	76.0	114.0





#29
Tetrahydrofuran
Concen: 299.410 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

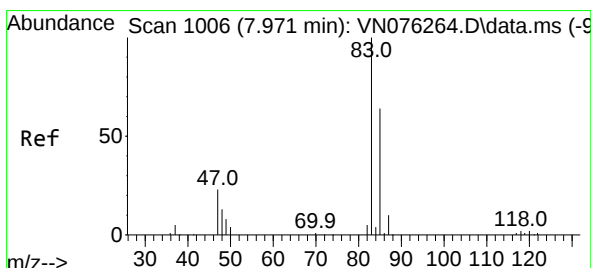
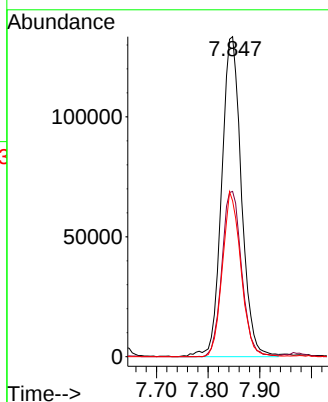
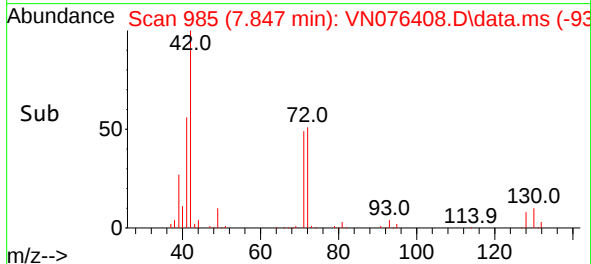
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



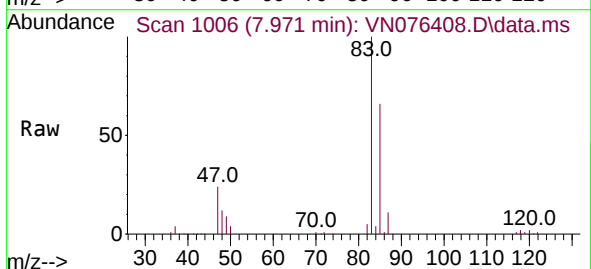
Tgt Ion: 42 Resp: 354558
Ion Ratio Lower Upper
42 100
72 51.8 44.0 66.0
71 48.4 41.1 61.7

Manual Integrations
APPROVED

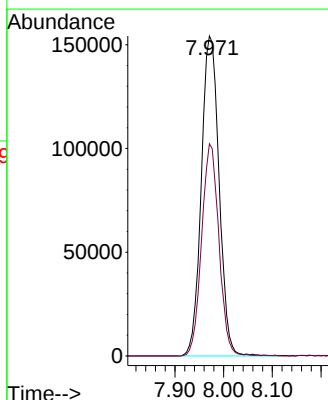
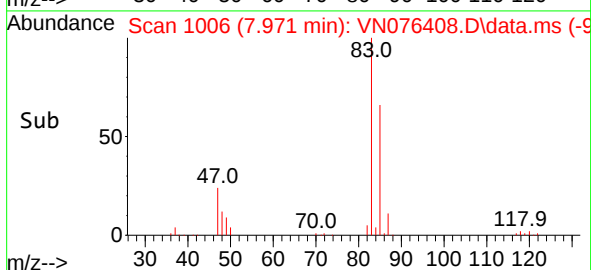
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

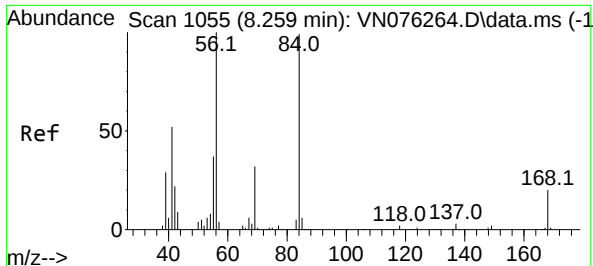


#30
Chloroform
Concen: 57.496 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



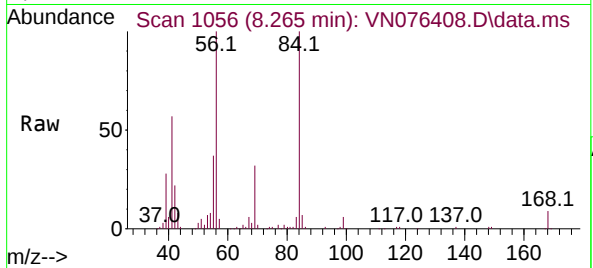
Tgt Ion: 83 Resp: 390688
Ion Ratio Lower Upper
83 100
85 66.3 51.0 76.6





#31
Cyclohexane
Concen: 47.519 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

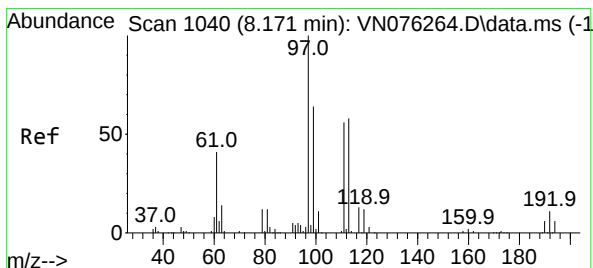
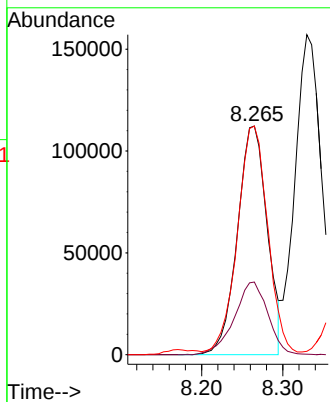
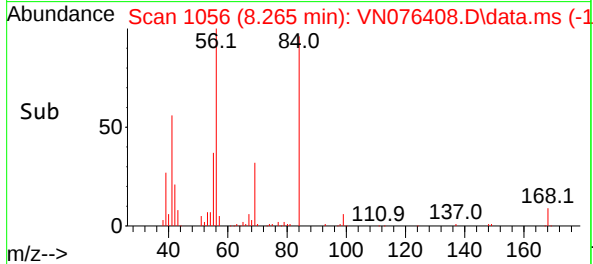
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



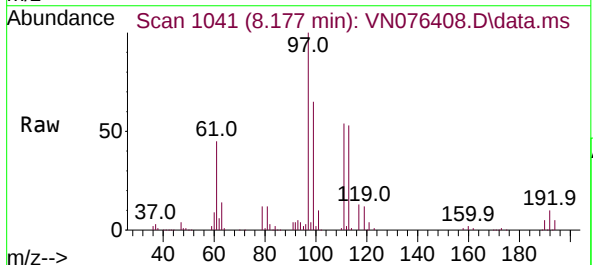
Tgt Ion: 56 Resp: 28606
Ion Ratio Lower Upper
56 100
69 31.8 25.8 38.8
84 97.8 79.0 118.4

Manual Integrations
APPROVED

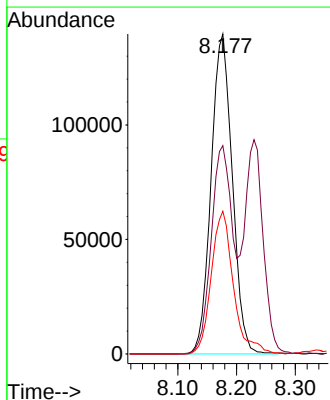
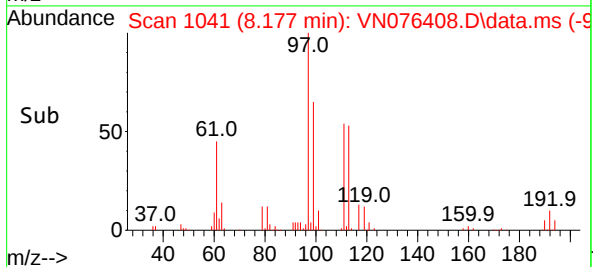
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

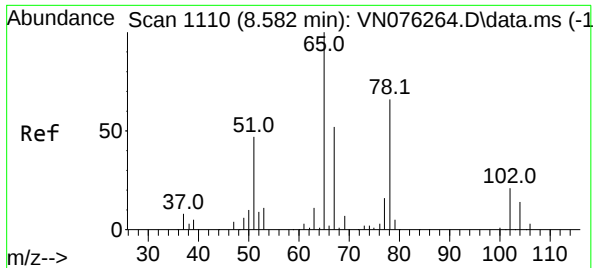


#32
1,1,1-Trichloroethane
Concen: 56.428 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion: 97 Resp: 350068
Ion Ratio Lower Upper
97 100
99 64.1 55.0 82.4
61 46.7 36.2 54.4





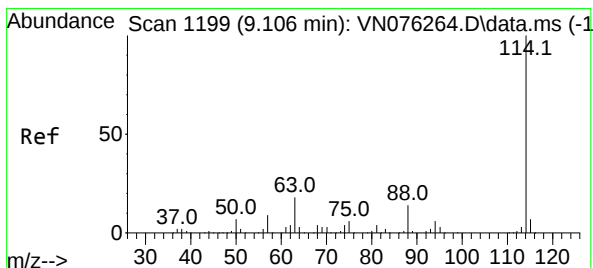
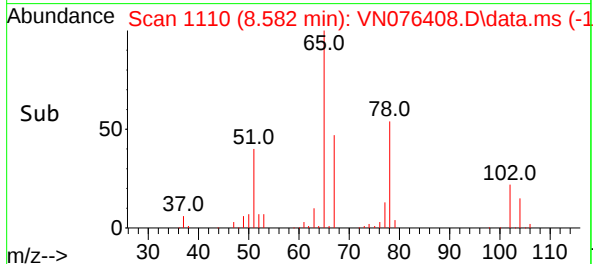
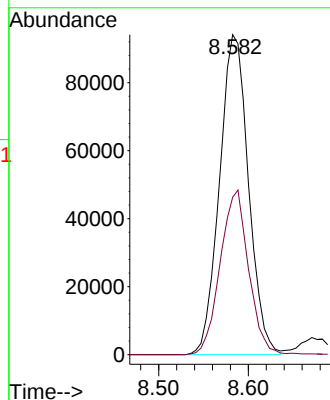
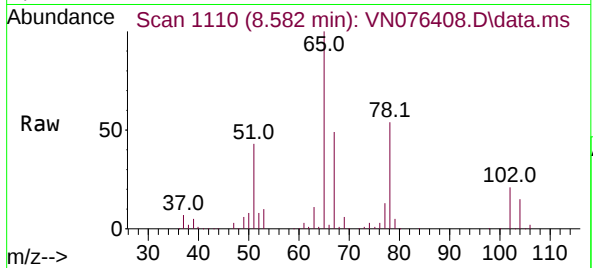
#33
1,2-Dichloroethane-d4
Concen: 53.857 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 211058
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.6

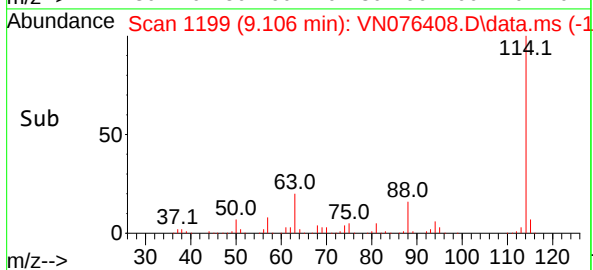
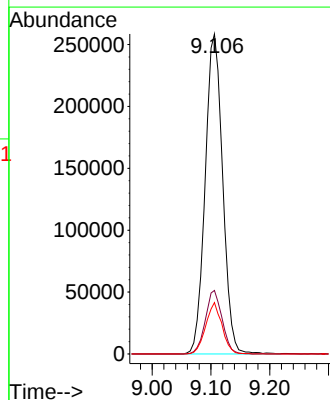
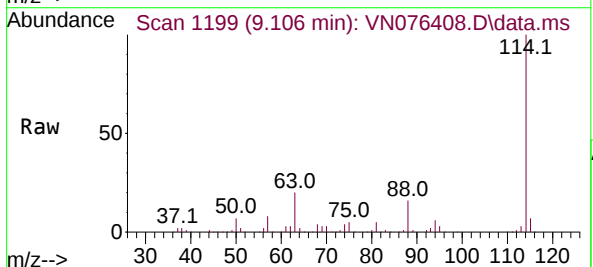
Manual Integrations
APPROVED

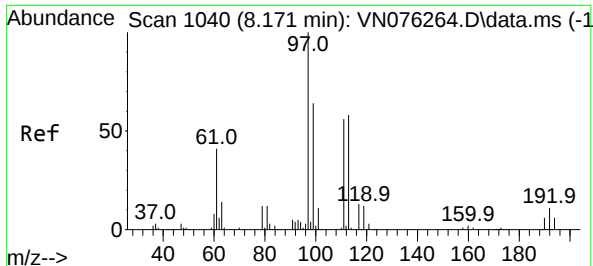
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

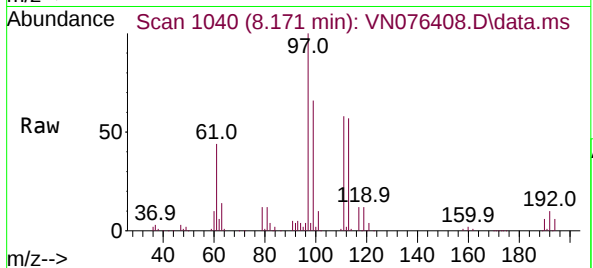
Tgt Ion:114 Resp: 534092
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.8
88 16.0 0.0 28.0





#35
Dibromofluoromethane
Concen: 55.805 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

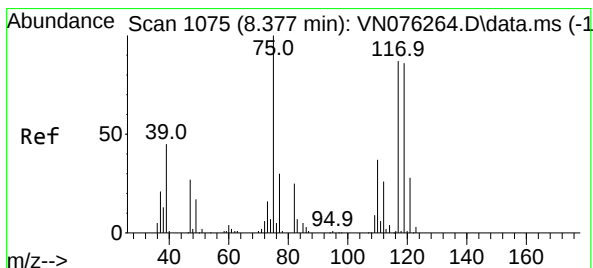
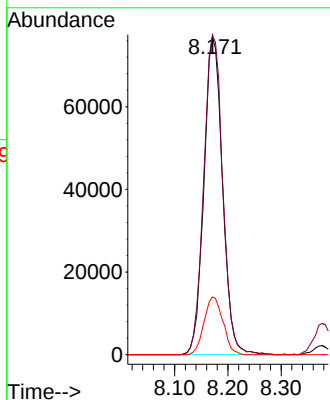
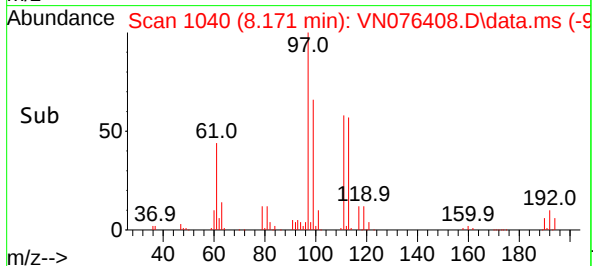
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 18644
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 18.5 15.6 23.4

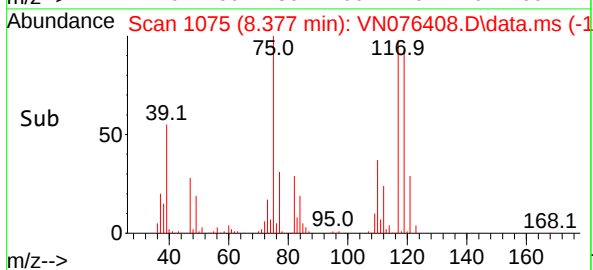
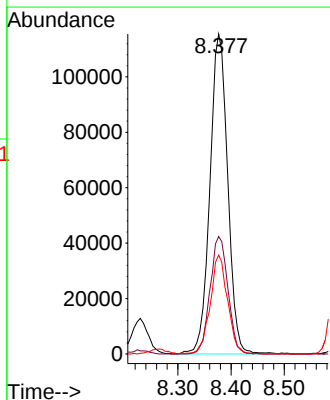
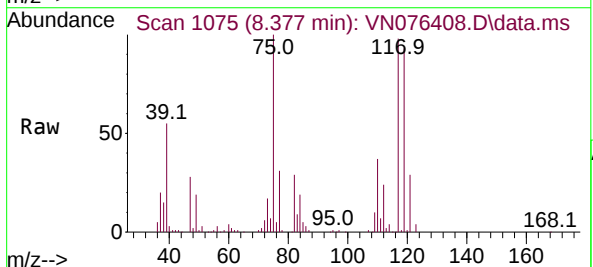
Manual Integrations
APPROVED

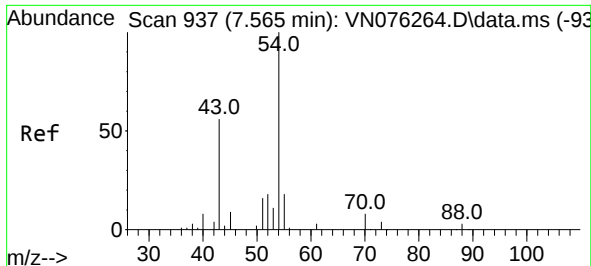
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#36
1,1-Dichloropropene
Concen: 56.474 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion: 75 Resp: 268106
Ion Ratio Lower Upper
75 100
110 36.8 18.8 56.3
77 30.2 25.0 37.4





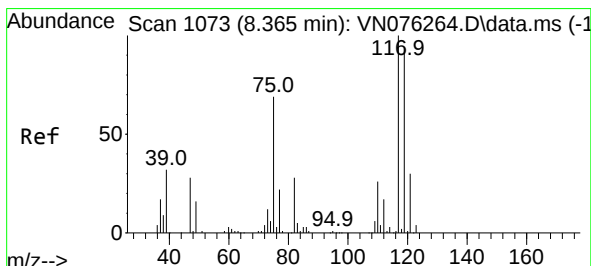
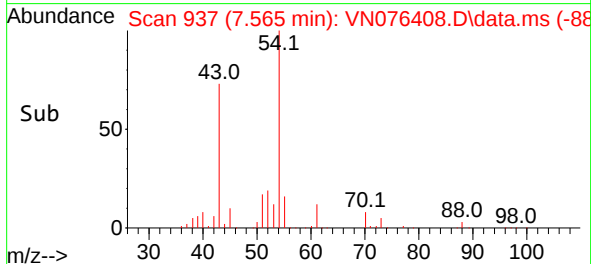
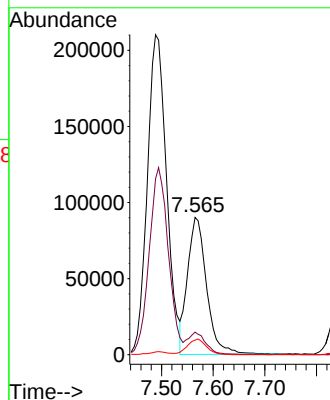
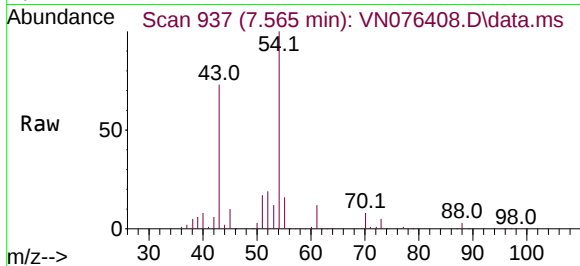
#37
Ethyl Acetate
Concen: 60.638 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 230933
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.4 10.0 15.0

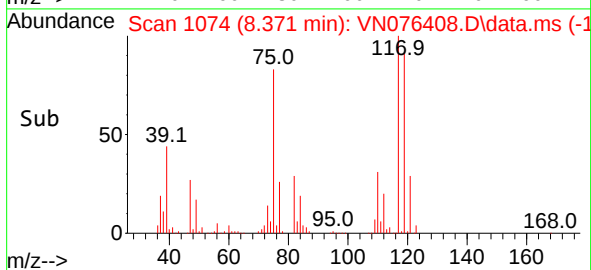
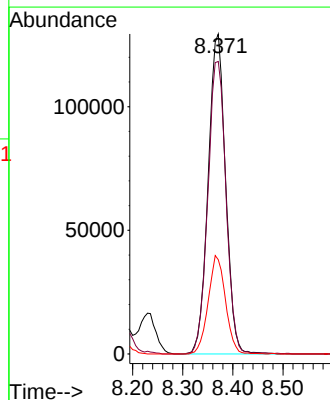
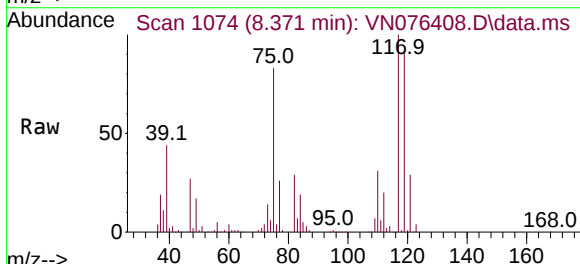
Manual Integrations
APPROVED

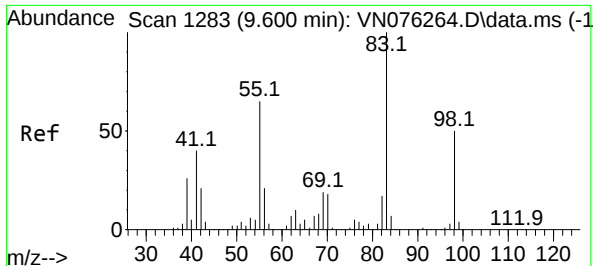
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#38
Carbon Tetrachloride
Concen: 59.140 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion:117 Resp: 313097
Ion Ratio Lower Upper
117 100
119 91.4 75.4 113.0
121 29.5 24.2 36.2





#39

Methylcyclohexane

Concen: 52.825 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

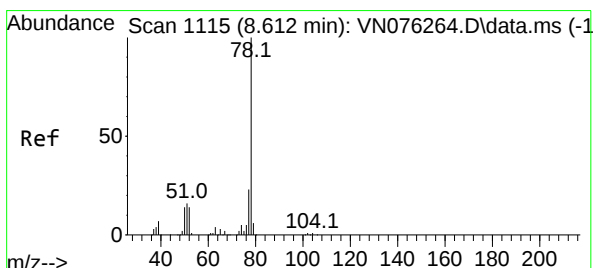
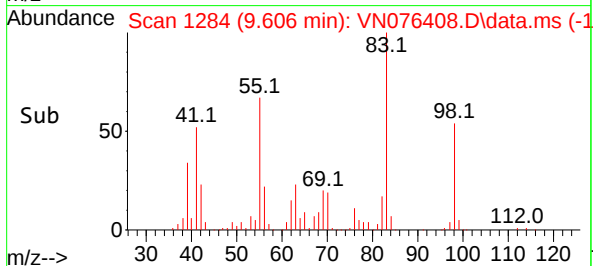
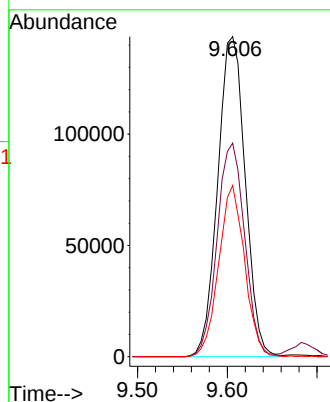
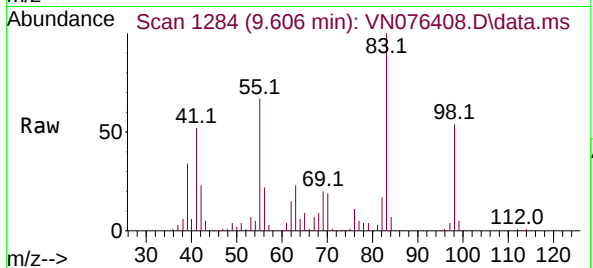
Tgt Ion: 83 Resp: 306250
 Ion Ratio Lower Upper
 83 100
 55 66.7 51.7 77.5
 98 53.5 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#40

Benzene

Concen: 55.317 ug/l

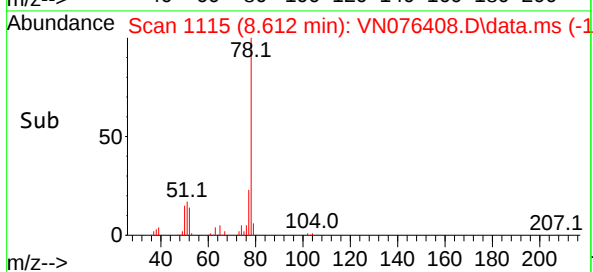
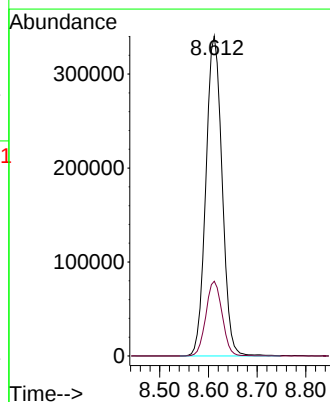
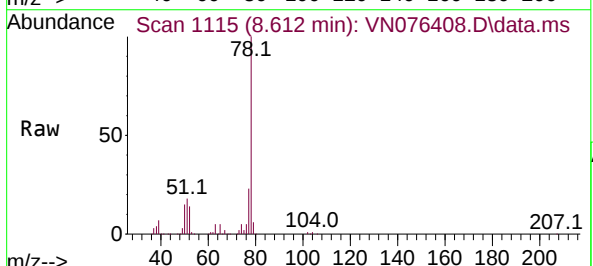
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

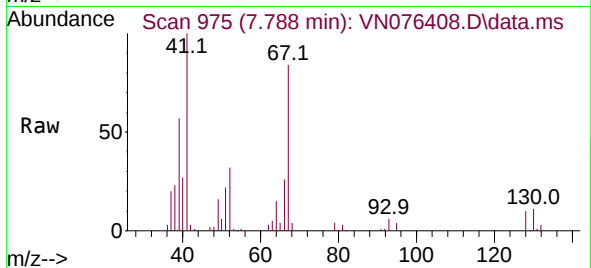
Tgt Ion: 78 Resp: 785254
 Ion Ratio Lower Upper
 78 100
 77 23.4 18.6 28.0





#41
Methacrylonitrile
Concen: 63.388 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

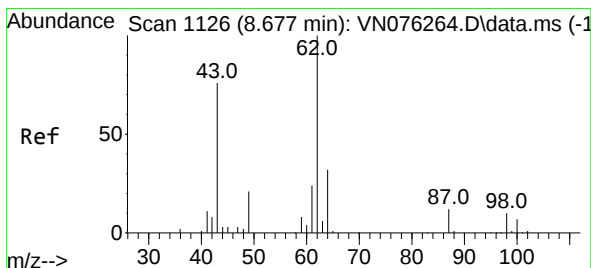
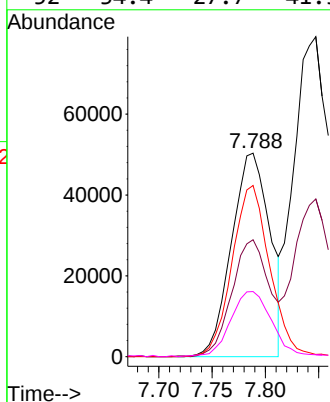
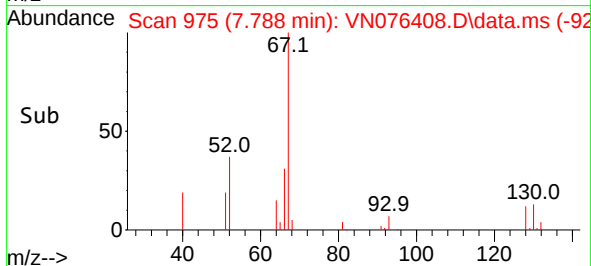
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



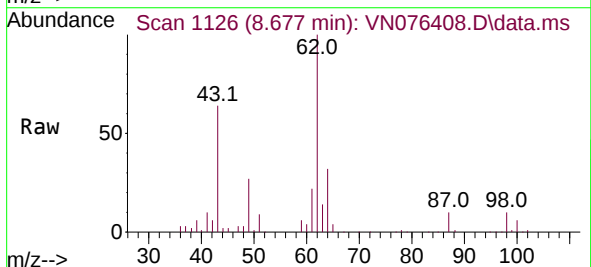
Tgt Ion: 41 Resp: 12638
Ion Ratio Lower Upper
41 100
39 56.1 42.4 63.6
67 83.2 68.8 103.2
52 34.4 27.7 41.5

Manual Integrations
APPROVED

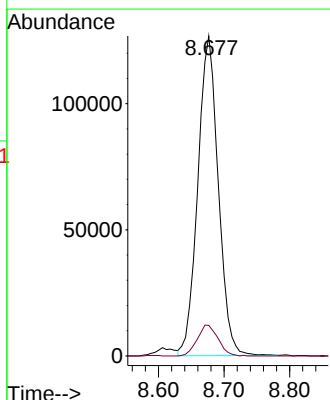
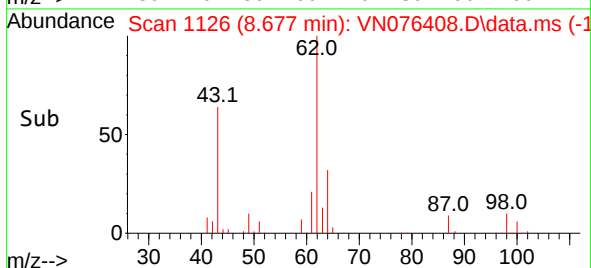
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

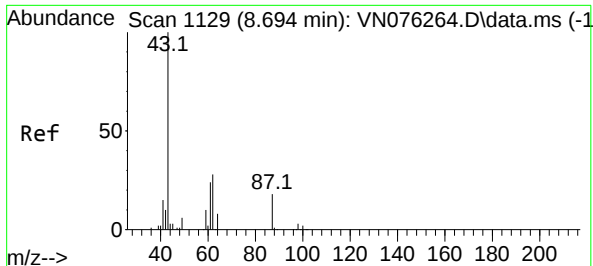


#42
1,2-Dichloroethane
Concen: 56.669 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



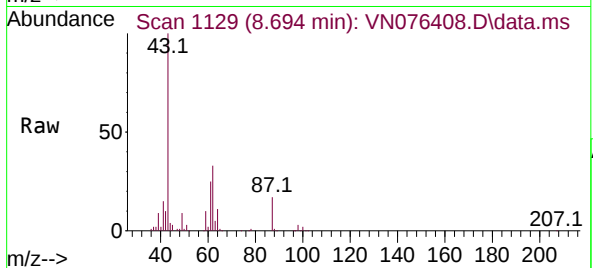
Tgt Ion: 62 Resp: 275242
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43
Isopropyl Acetate
Concen: 57.379 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

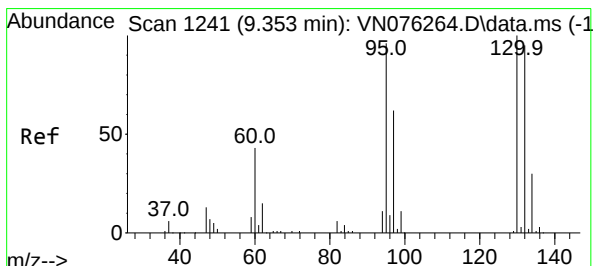
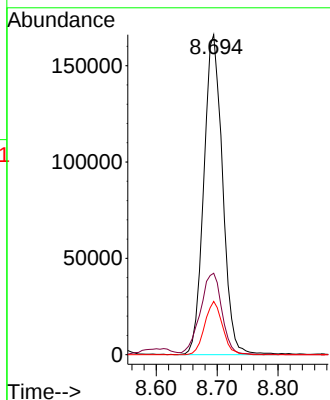
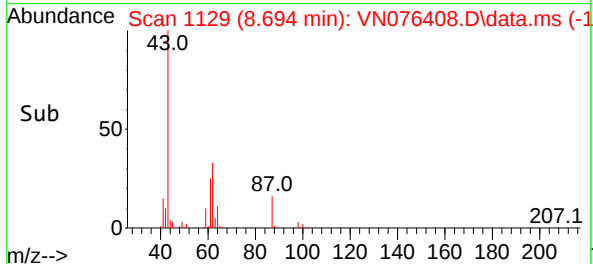
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



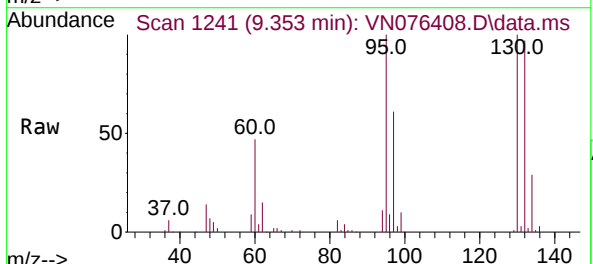
Tgt Ion: 43 Resp: 35544
Ion Ratio Lower Upper
43 100
61 29.4 23.5 35.3
87 15.8 13.8 20.6

Manual Integrations
APPROVED

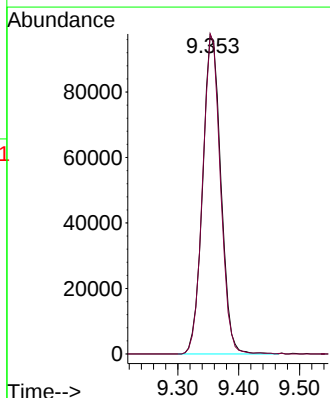
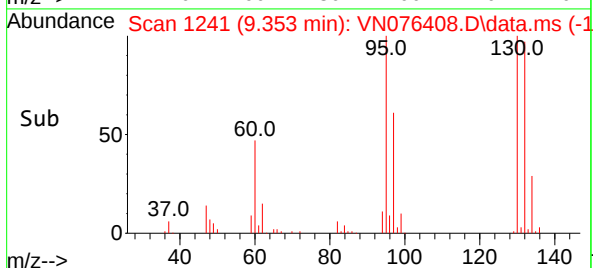
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

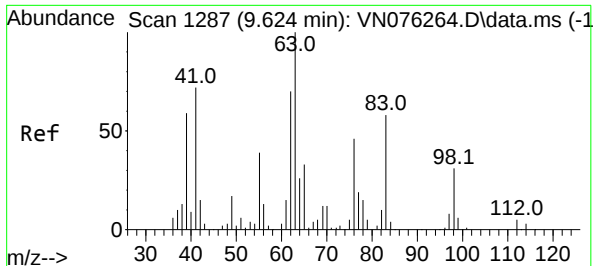


#44
Trichloroethene
Concen: 50.443 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion:130 Resp: 202529
Ion Ratio Lower Upper
130 100
95 100.2 0.0 192.0





#45

1,2-Dichloropropane

Concen: 55.113 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18731

Ion Ratio Lower Upper

63 100

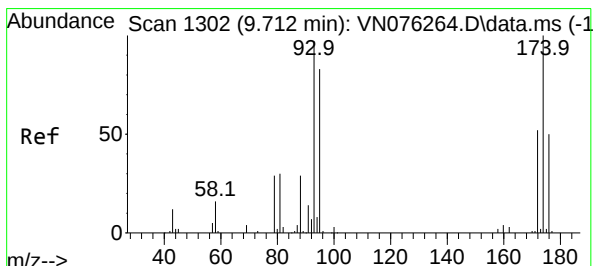
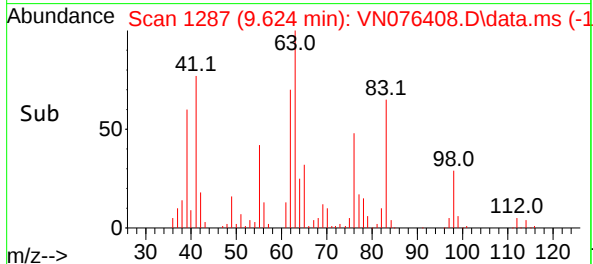
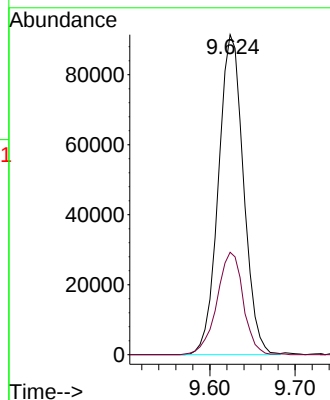
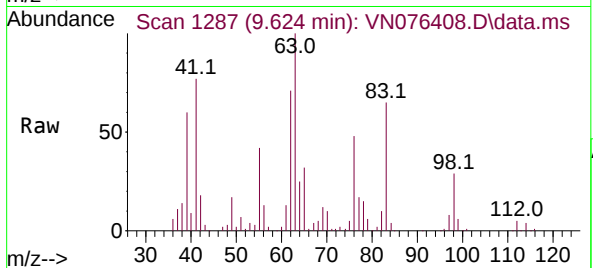
65 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#46

Dibromomethane

Concen: 53.494 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

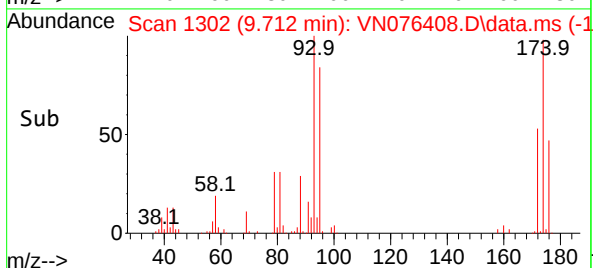
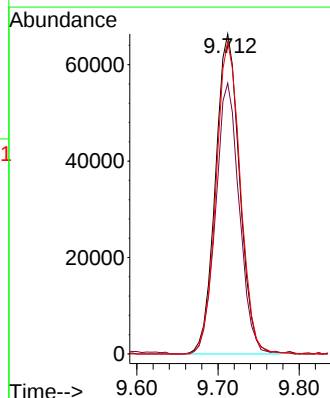
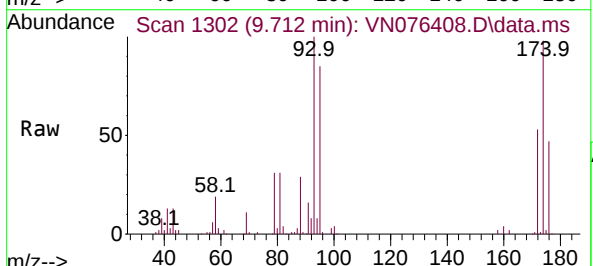
Tgt Ion: 93 Resp: 137271

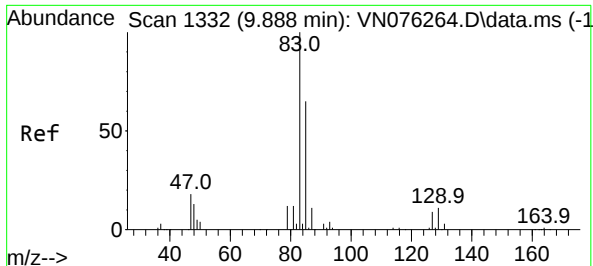
Ion Ratio Lower Upper

93 100

95 83.0 66.0 99.0

174 97.9 81.3 121.9





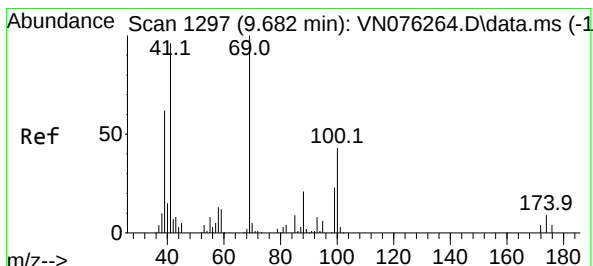
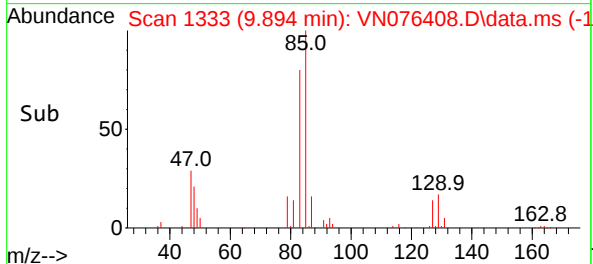
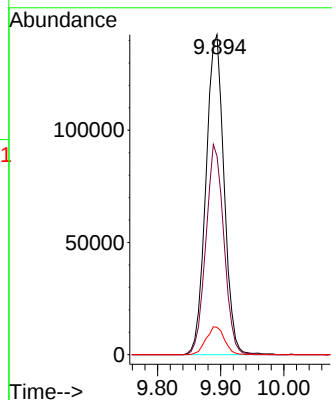
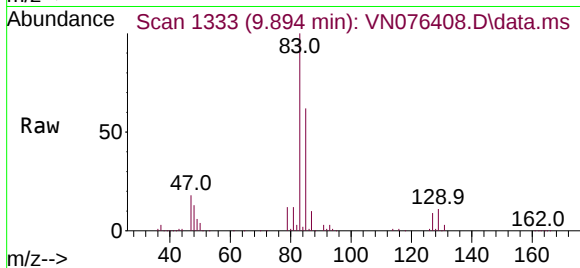
#47
Bromodichloromethane
Concen: 56.853 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 28295
Ion Ratio Lower Upper
83 100
85 62.1 52.1 78.1
127 8.6 7.4 11.0

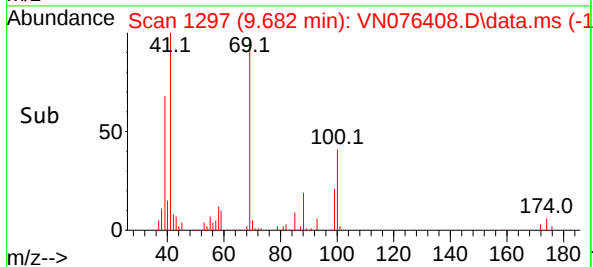
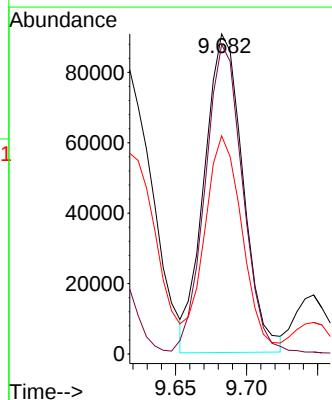
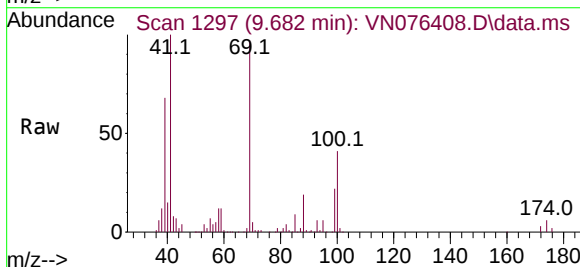
Manual Integrations
APPROVED

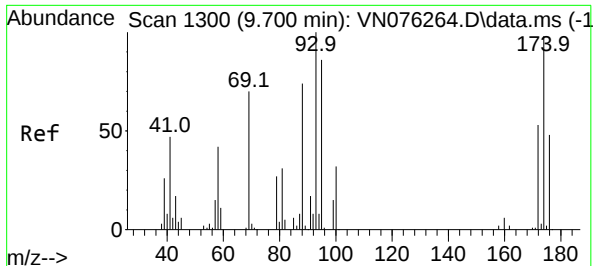
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#48
Methyl methacrylate
Concen: 58.546 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion: 41 Resp: 171697
Ion Ratio Lower Upper
41 100
69 94.5 80.8 121.2
39 67.4 54.4 81.6





#49

1,4-Dioxane

Concen: 1101.538 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 68164

Ion Ratio Lower Upper

88 100

43 23.1 18.1 27.1

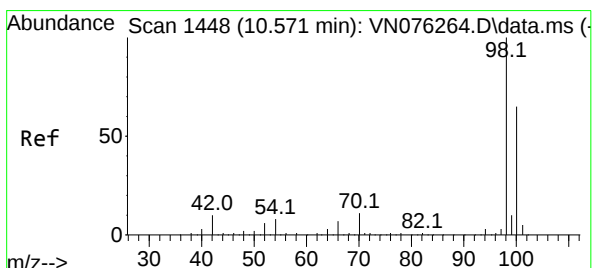
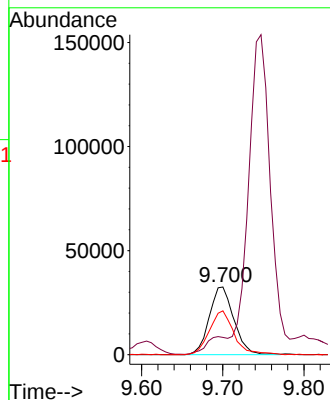
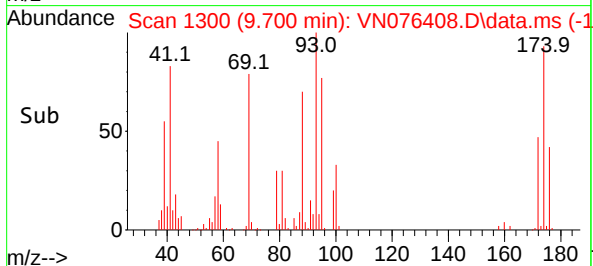
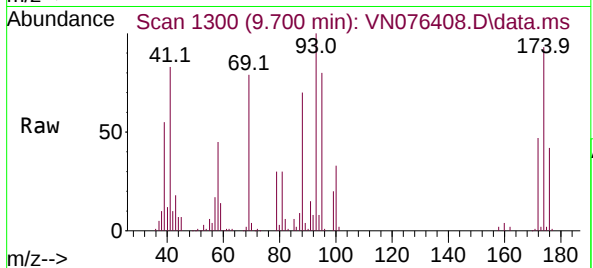
58 65.0 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#50

Toluene-d8

Concen: 52.681 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076408.D

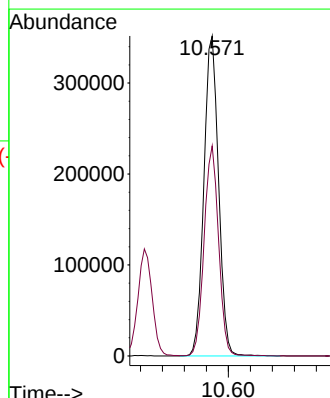
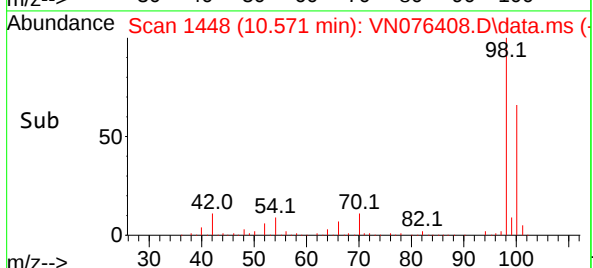
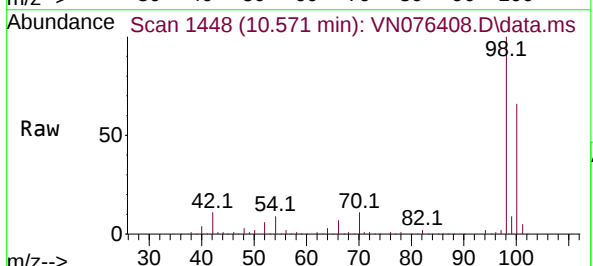
Acq: 25 Jan 2023 17:46

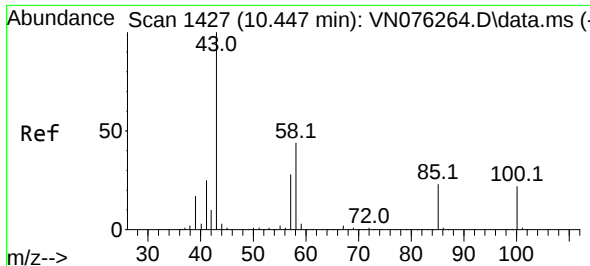
Tgt Ion: 98 Resp: 650013

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 294.236 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

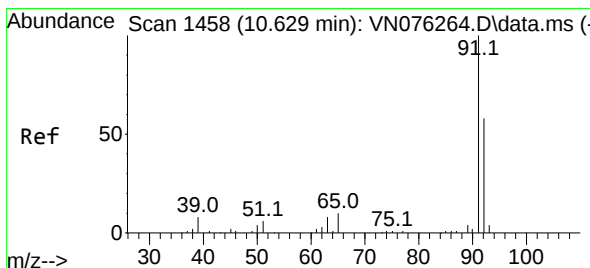
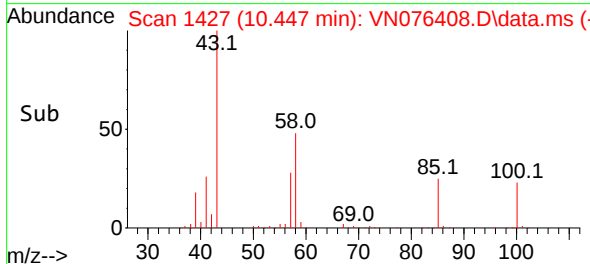
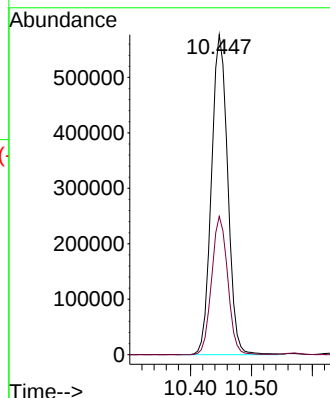
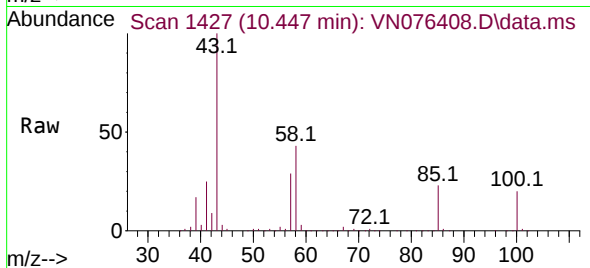
VSTDCCC050EC

Tgt Ion: 43 Resp: 106999
Ion Ratio Lower Upper
43 100
58 42.7 35.1 52.7

Manual Integrations

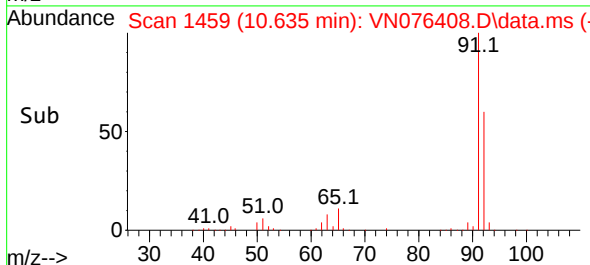
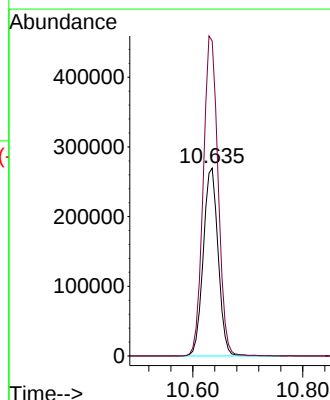
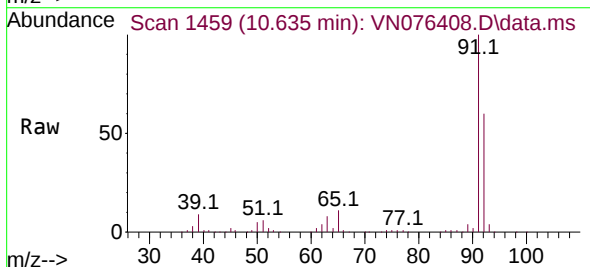
APPROVED

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



#52
Toluene
Concen: 53.243 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion: 92 Resp: 505438
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0





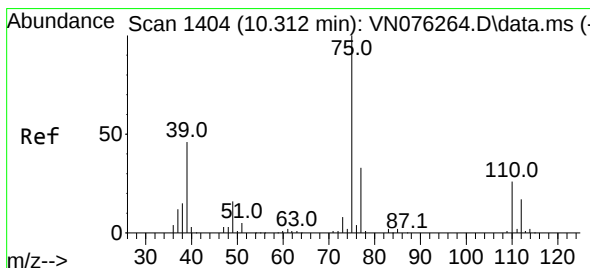
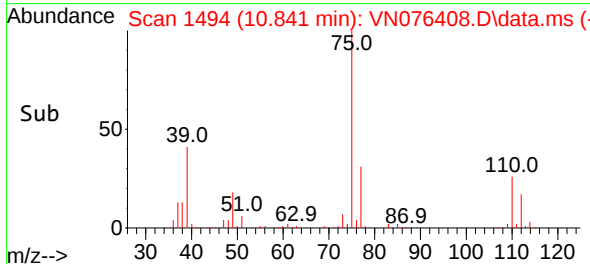
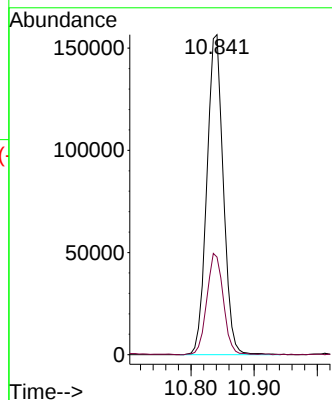
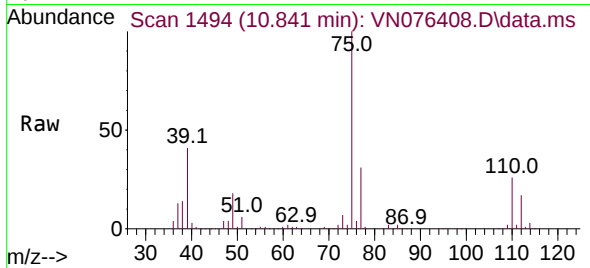
#53
t-1,3-Dichloropropene
Concen: 59.626 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 28289
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6

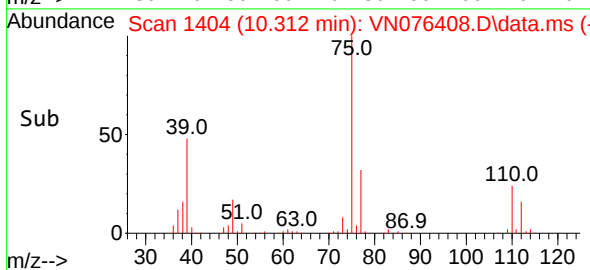
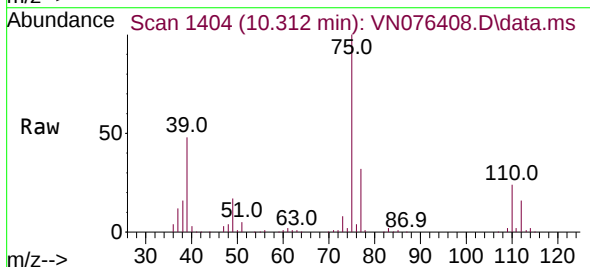
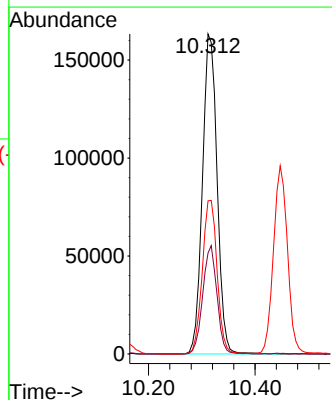
Manual Integrations
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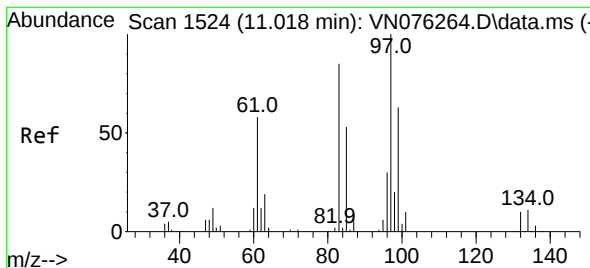
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#54
cis-1,3-Dichloropropene
Concen: 57.074 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

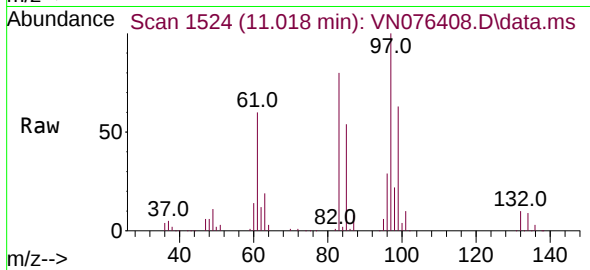
Tgt Ion: 75 Resp: 311529
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7
39 47.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 55.239 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

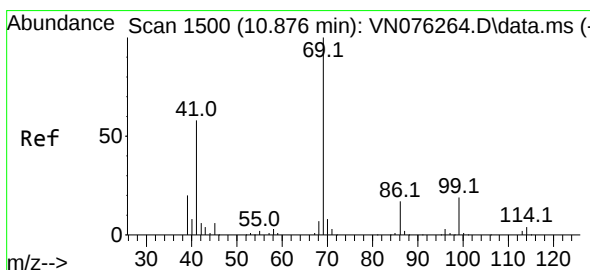
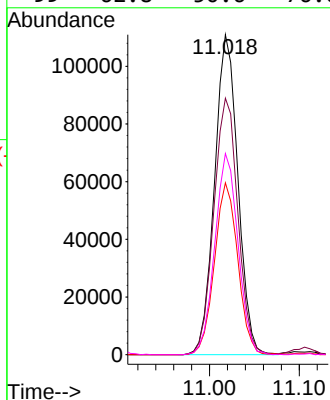
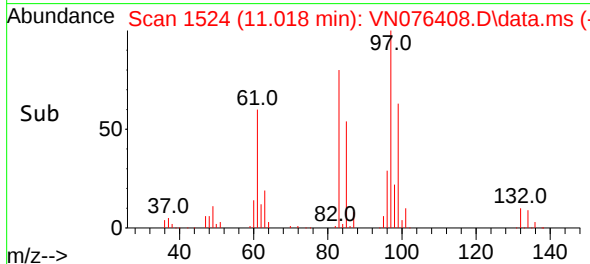
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 200439
Ion Ratio Lower Upper
97 100
83 80.2 67.8 101.6
85 53.7 42.3 63.5
99 62.8 50.6 76.0

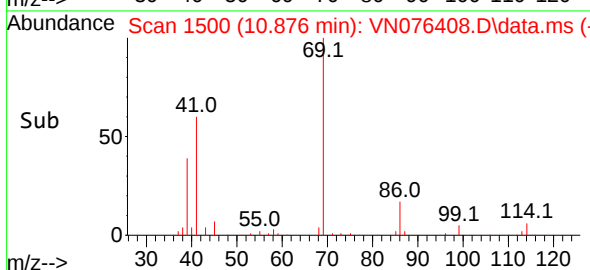
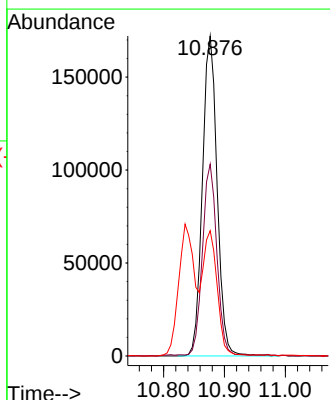
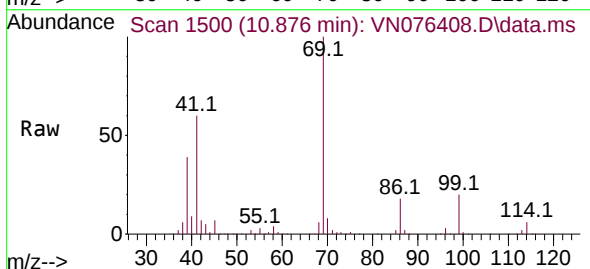
Manual Integrations
APPROVED

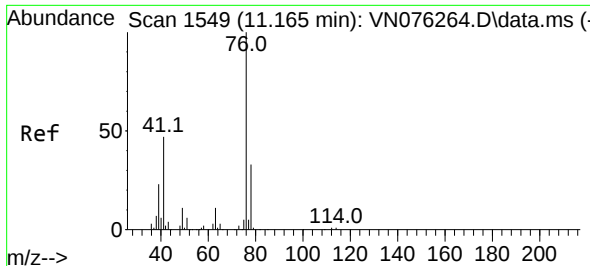
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#56
Ethyl methacrylate
Concen: 61.641 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion: 69 Resp: 288766
Ion Ratio Lower Upper
69 100
41 58.3 45.3 67.9
39 36.4 29.3 43.9





#57

1,3-Dichloropropane

Concen: 55.440 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 326910

Ion Ratio Lower Upper

76 100

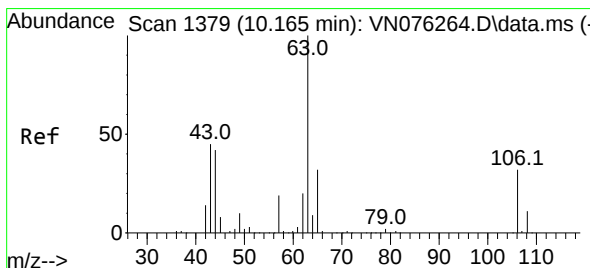
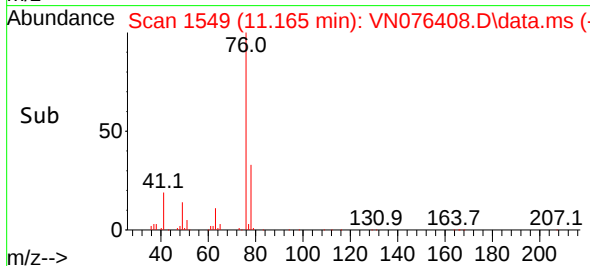
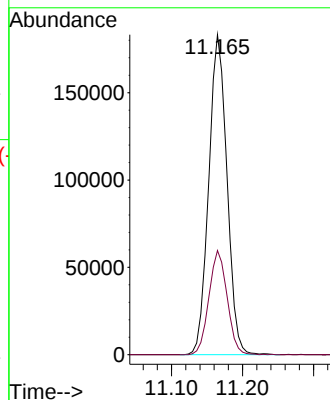
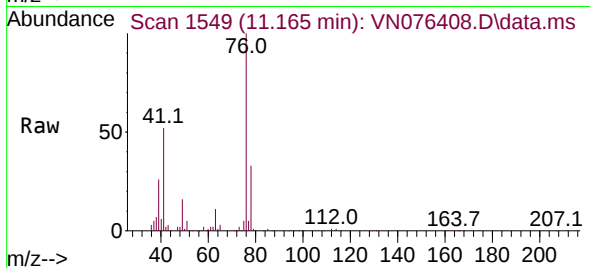
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 259.994 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076408.D

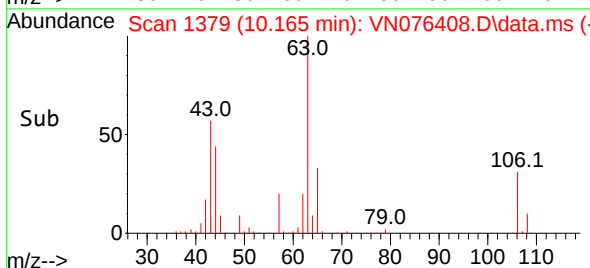
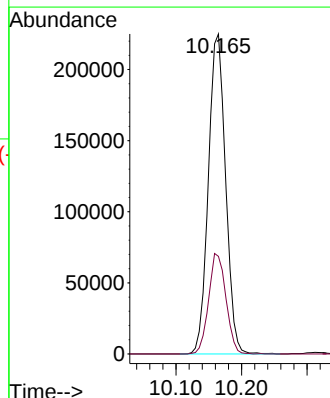
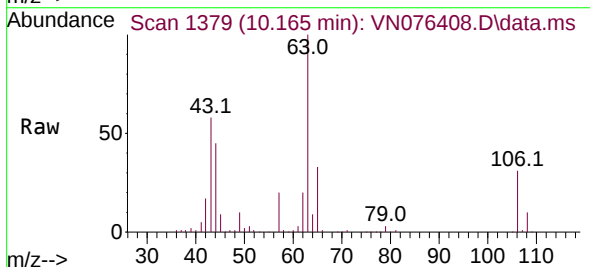
Acq: 25 Jan 2023 17:46

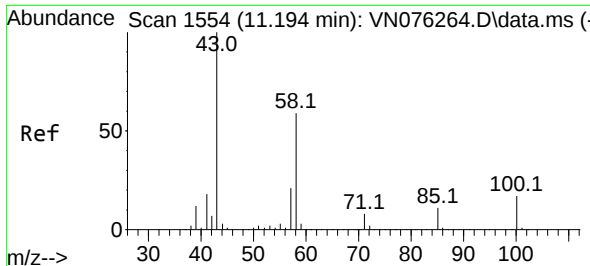
Tgt Ion: 63 Resp: 411176

Ion Ratio Lower Upper

63 100

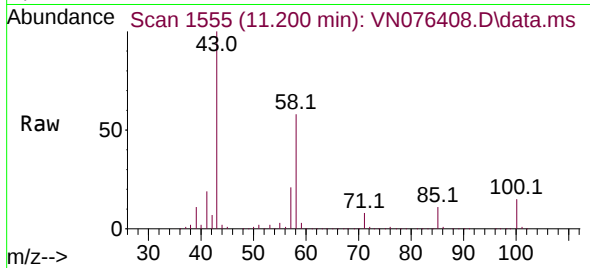
106 31.5 26.2 39.2





#59
2-Hexanone
Concen: 293.450 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

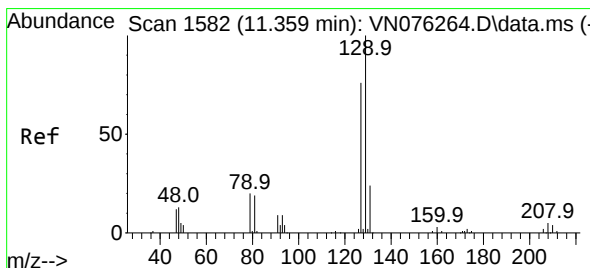
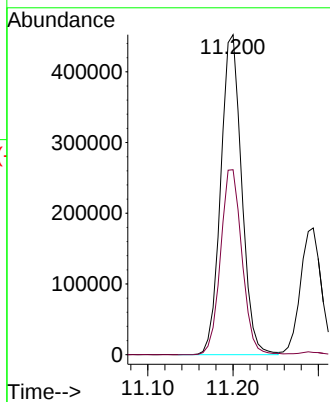
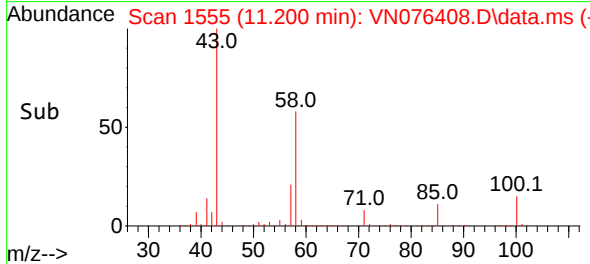
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 773304
Ion Ratio Lower Upper
43 100
58 59.1 30.1 90.3

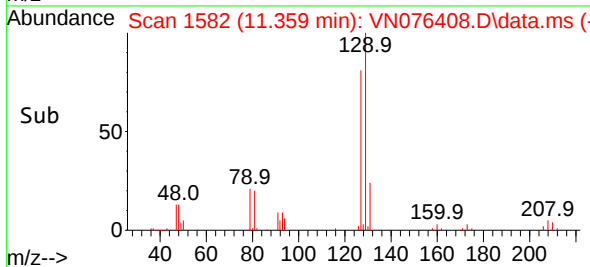
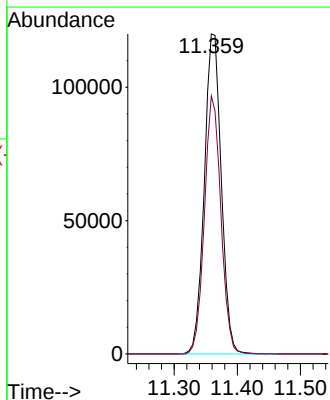
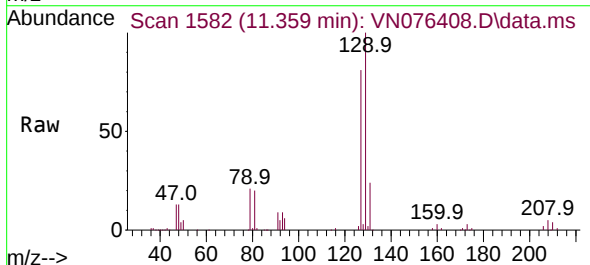
Manual Integrations
APPROVED

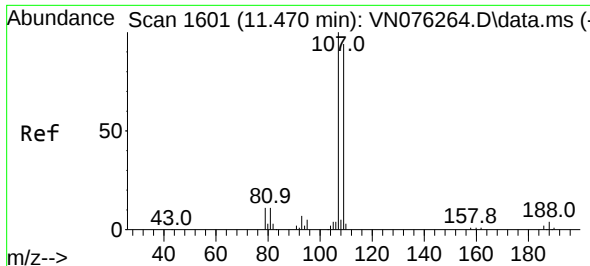
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#60
Dibromochloromethane
Concen: 58.626 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

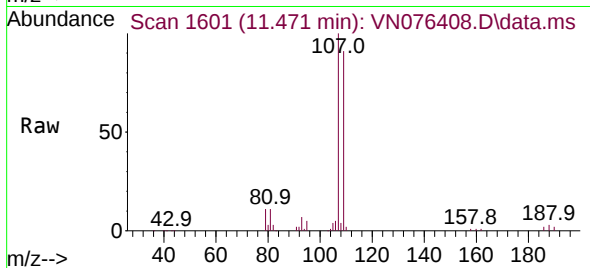
Tgt Ion:129 Resp: 223937
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 55.430 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

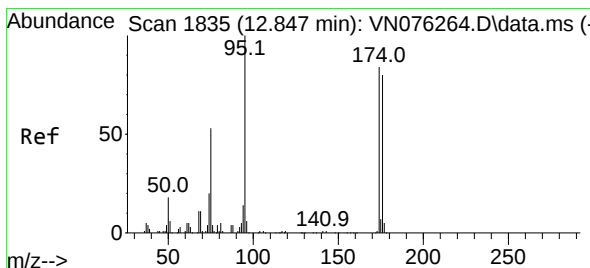
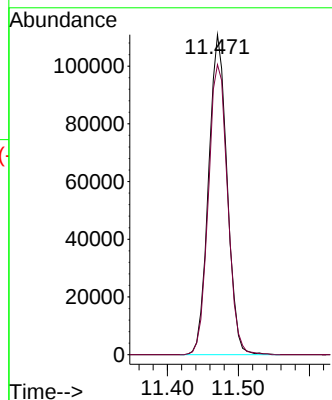
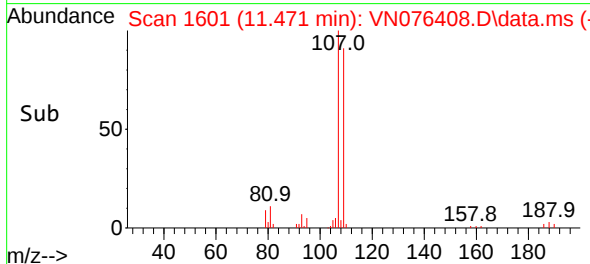
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



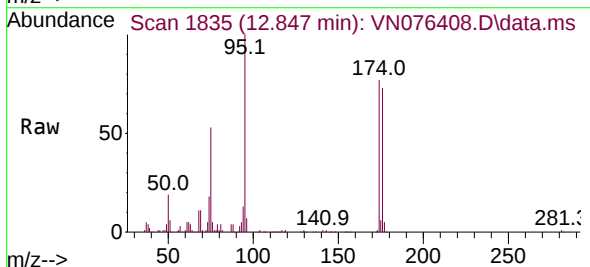
Tgt Ion:107 Resp: 200762
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0

Manual Integrations
APPROVED

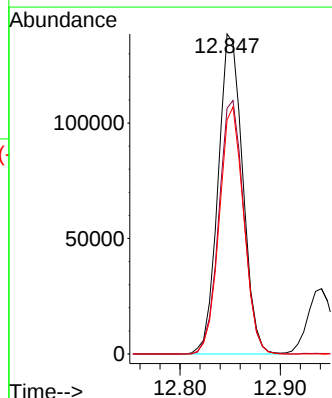
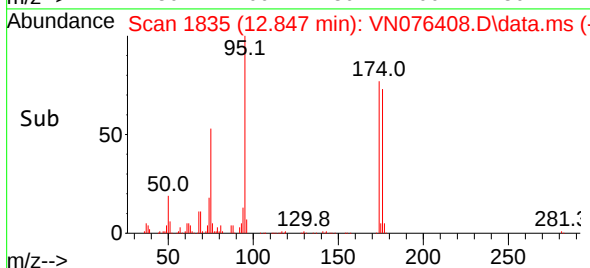
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

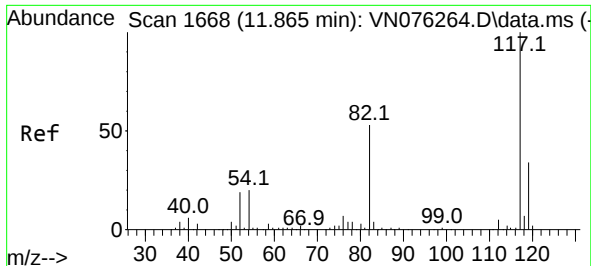


#62
4-Bromofluorobenzene
Concen: 58.599 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion: 95 Resp: 236036
Ion Ratio Lower Upper
95 100
174 80.1 0.0 174.6
176 76.7 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

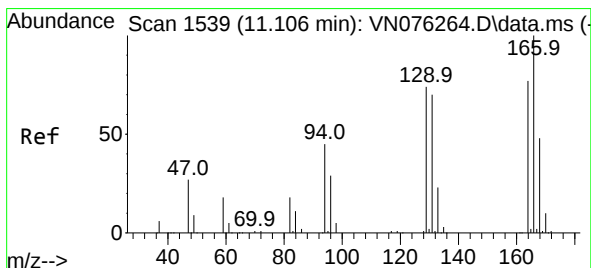
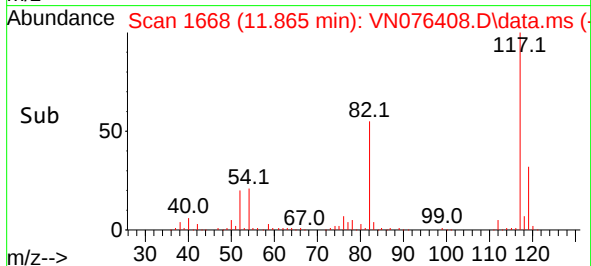
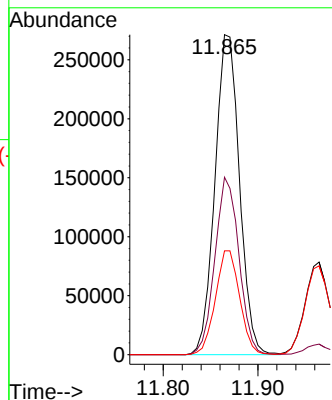
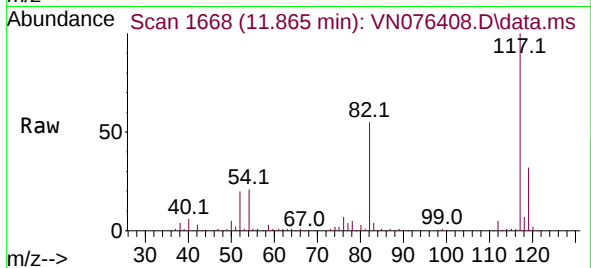
VSTDCCC050EC

Tgt Ion:117 Resp: 48979
Ion Ratio Lower Upper
117 100
82 55.5 42.2 63.2
119 32.4 26.9 40.3

Manual Integrations

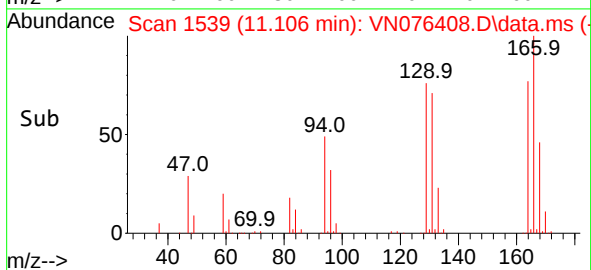
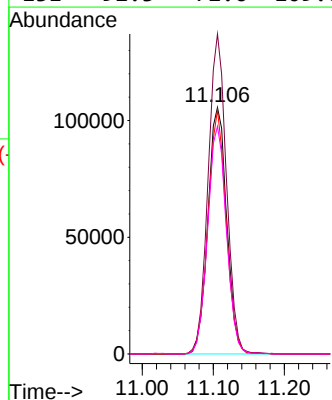
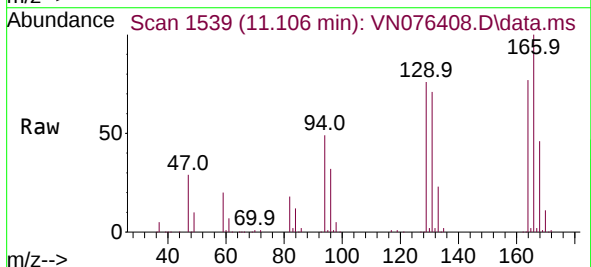
APPROVED

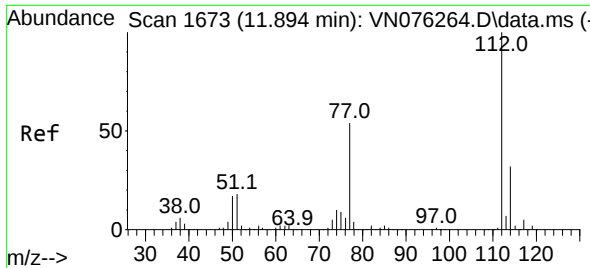
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#64
Tetrachloroethene
Concen: 44.120 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

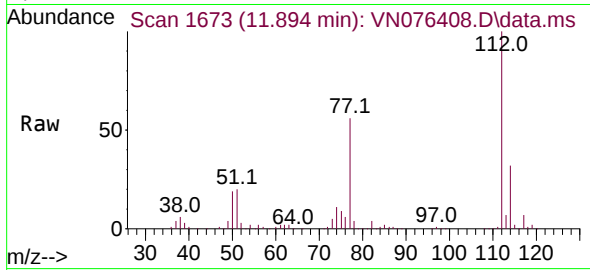
Tgt Ion:164 Resp: 194877
Ion Ratio Lower Upper
164 100
166 129.8 104.0 156.0
129 98.9 76.6 114.8
131 92.3 72.6 109.0





#65
Chlorobenzene
Concen: 52.320 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

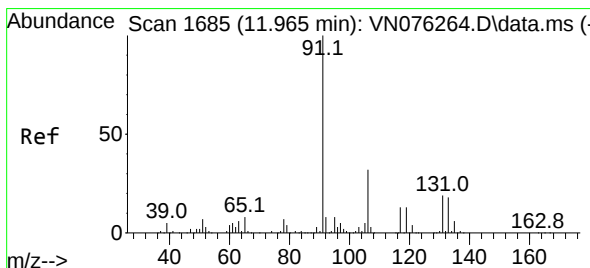
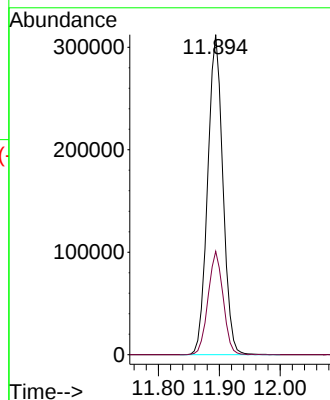
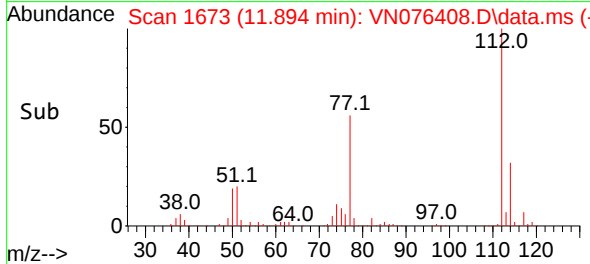
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 54169
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

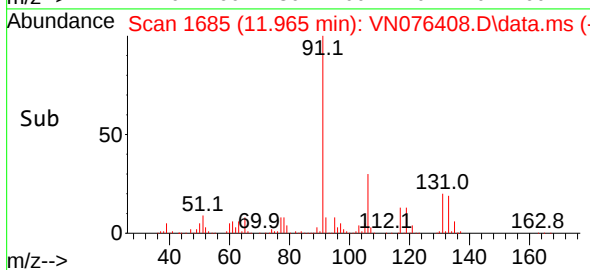
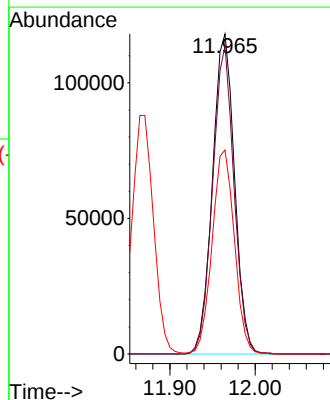
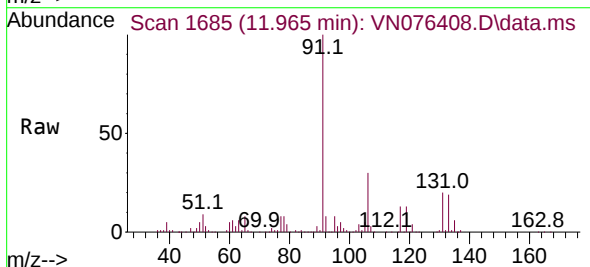
Manual Integrations
APPROVED

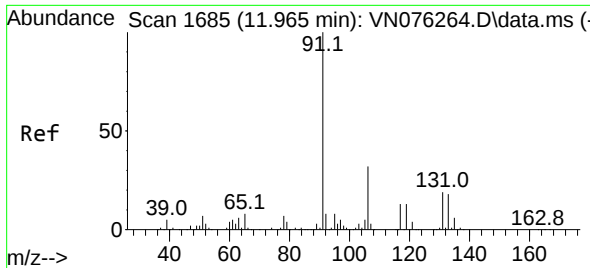
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.965 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

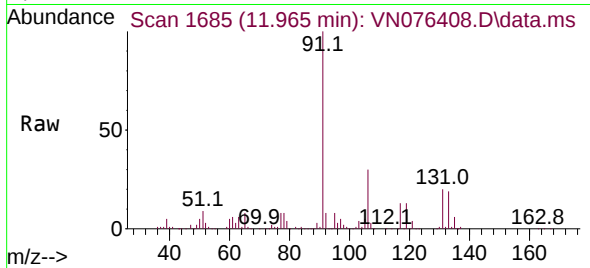
Tgt Ion:131 Resp: 211736
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.2
119 64.6 32.3 96.8





#67
Ethyl Benzene
Concen: 55.839 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

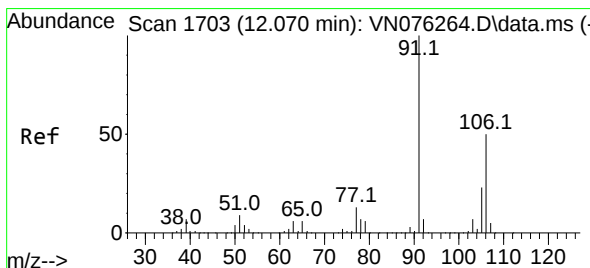
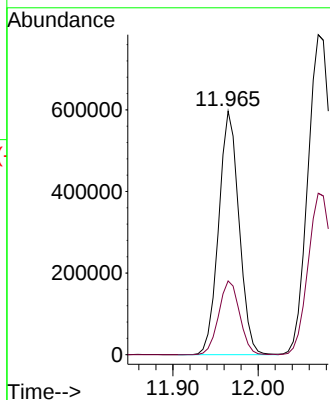
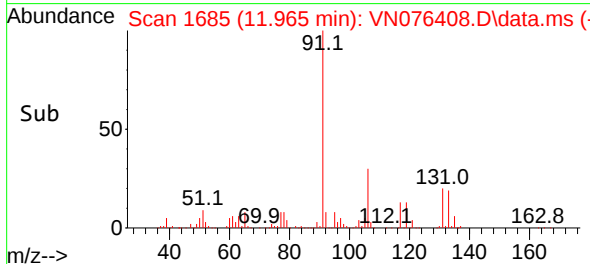
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



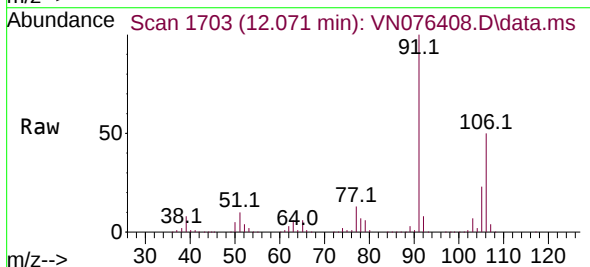
Tgt Ion: 91 Resp: 989462
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3

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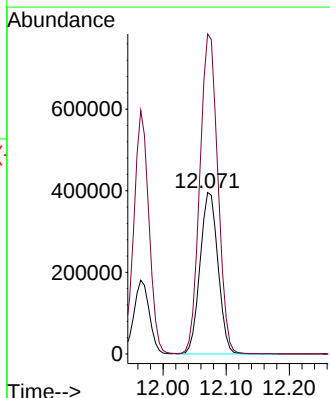
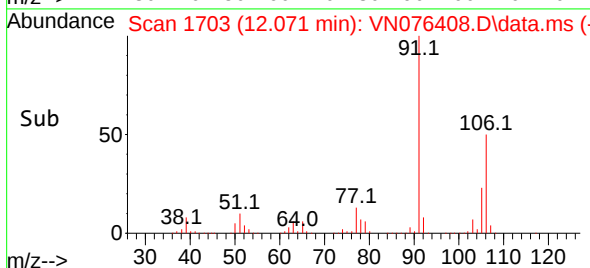
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

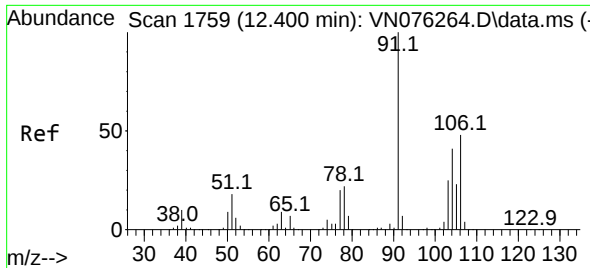


#68
m/p-Xylenes
Concen: 110.197 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion:106 Resp: 782997
Ion Ratio Lower Upper
106 100
91 198.3 157.5 236.3





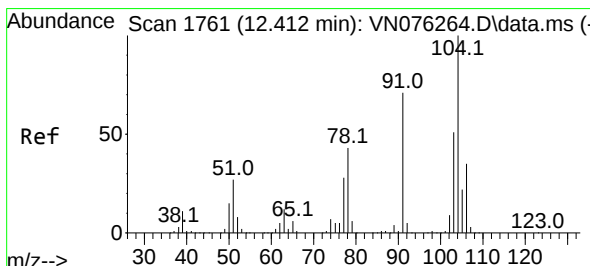
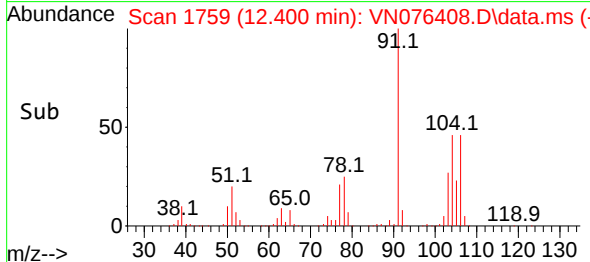
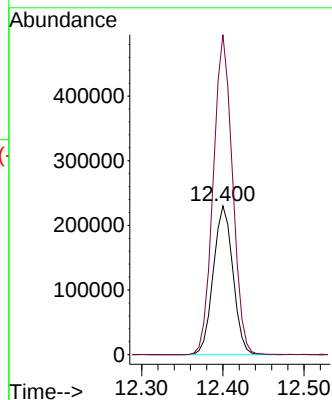
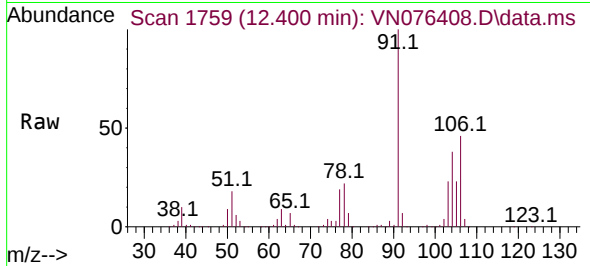
#69
o-Xylene
Concen: 55.308 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 385920
Ion Ratio Lower Upper
106 100
91 211.5 103.2 309.4

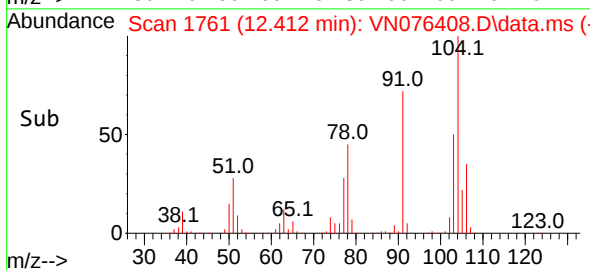
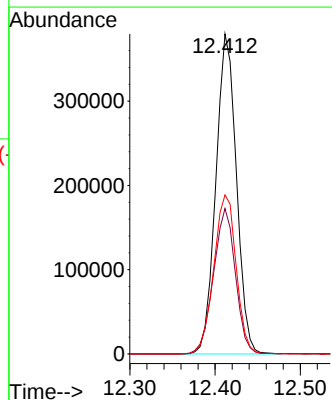
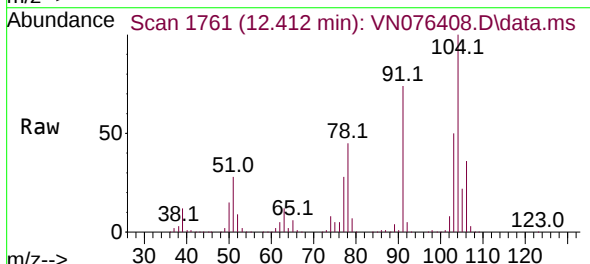
Manual Integrations
APPROVED

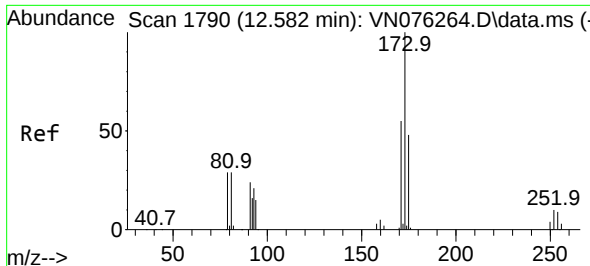
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#70
Styrene
Concen: 57.156 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

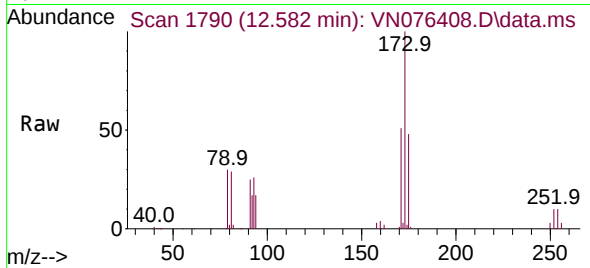
Tgt Ion:104 Resp: 636801
Ion Ratio Lower Upper
104 100
78 48.4 37.4 56.0
103 54.1 44.2 66.2





#71
Bromoform
Concen: 56.935 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

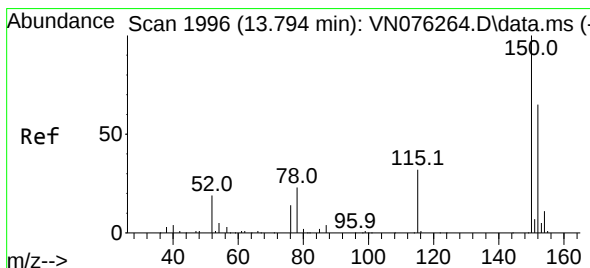
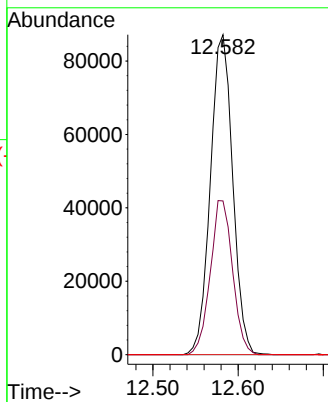
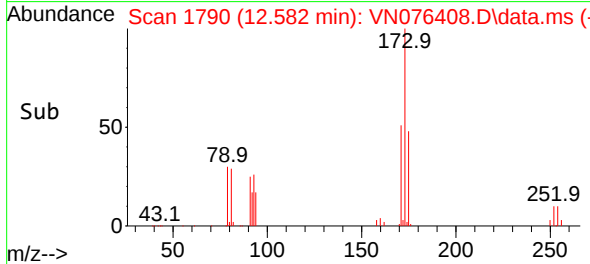
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



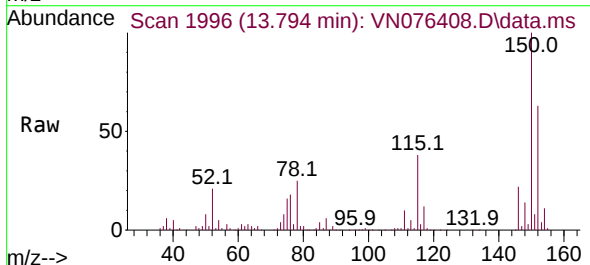
Tgt Ion:173 Resp: 15839
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

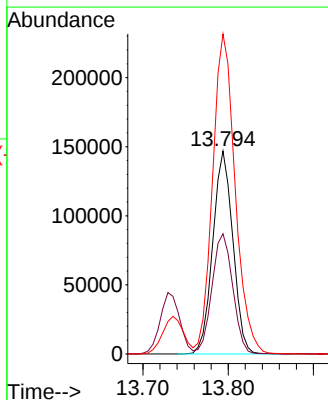
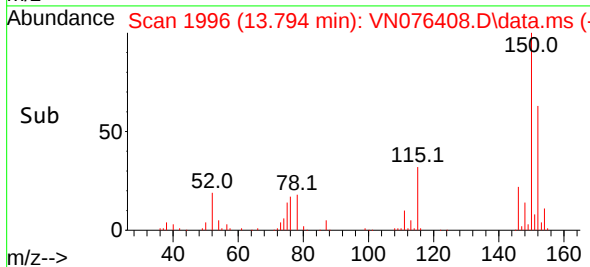
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

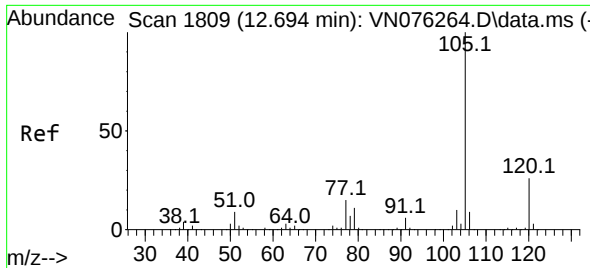


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



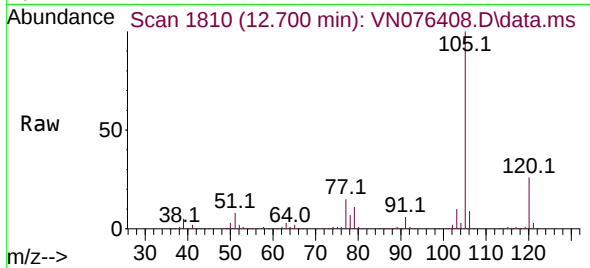
Tgt Ion:152 Resp: 241012
Ion Ratio Lower Upper
152 100
115 61.3 29.6 88.9
150 176.9 0.0 351.4





#73
Isopropylbenzene
Concen: 54.650 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

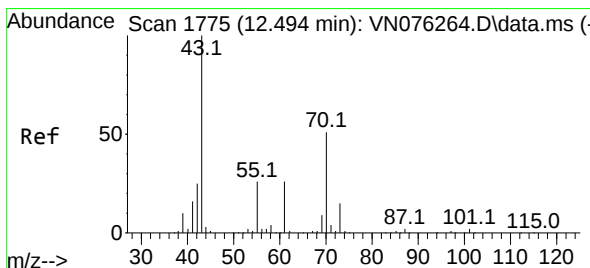
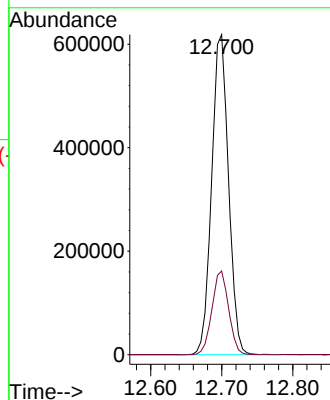
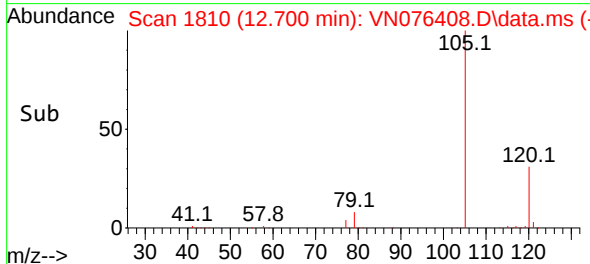
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 101894
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

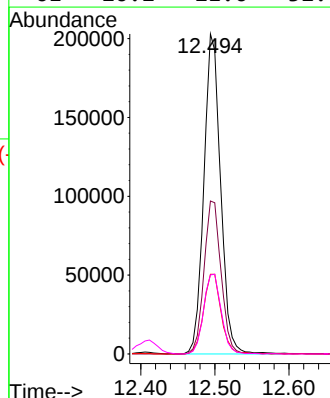
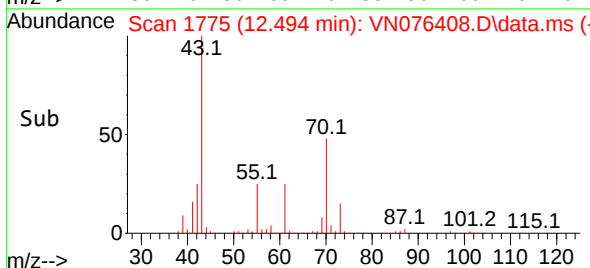
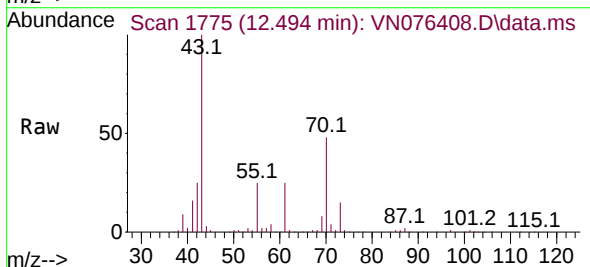
Manual Integrations
APPROVED

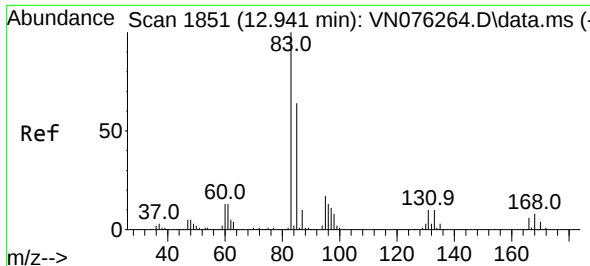
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#74
N-ethyl acetate
Concen: 59.510 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

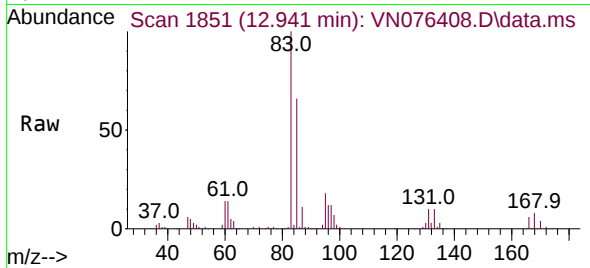
Tgt Ion: 43 Resp: 319162
Ion Ratio Lower Upper
43 100
70 48.9 41.2 61.8
55 26.3 21.0 31.6
61 26.2 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 52.947 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

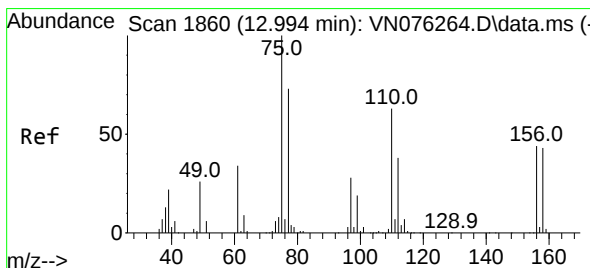
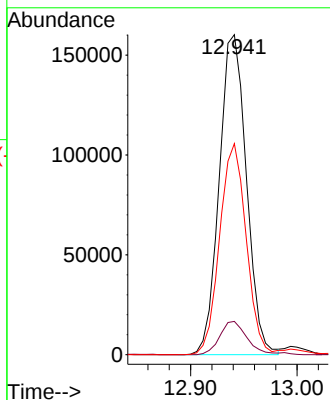
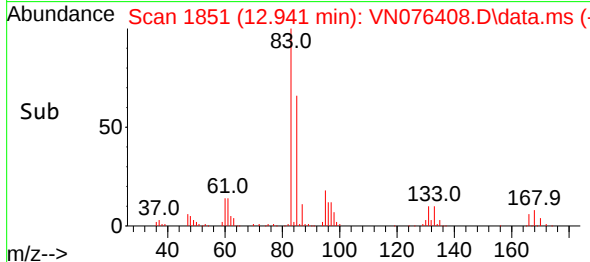
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 283789
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.4
85 64.7 31.7 95.1

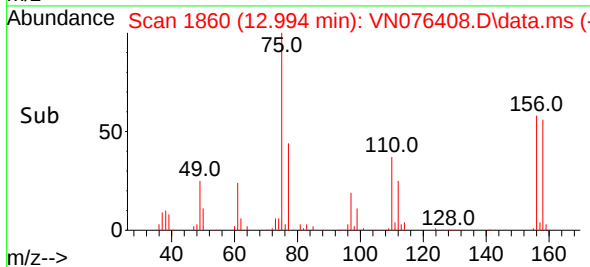
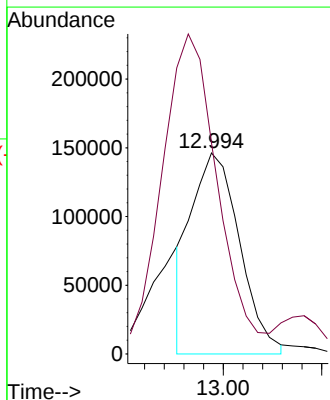
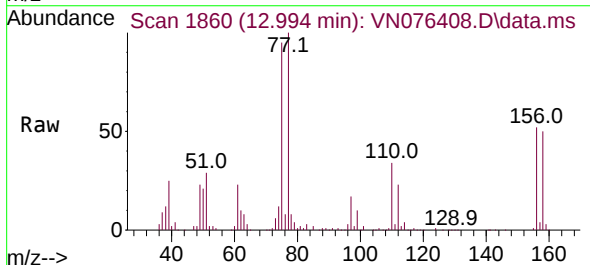
Manual Integrations
APPROVED

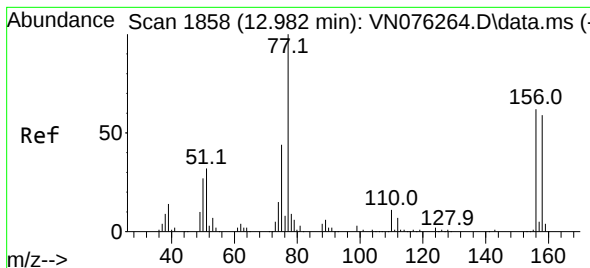
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#76
1,2,3-Trichloropropane
Concen: 56.944 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion: 75 Resp: 249442
Ion Ratio Lower Upper
75 100
77 185.6 75.2 225.6





#77

Bromobenzene

Concen: 53.044 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

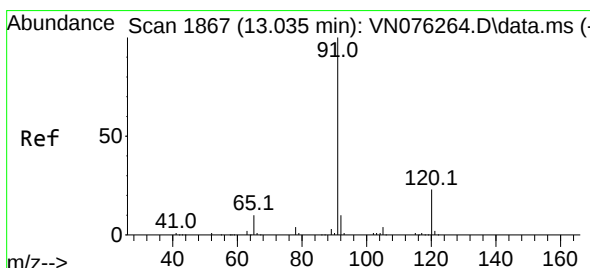
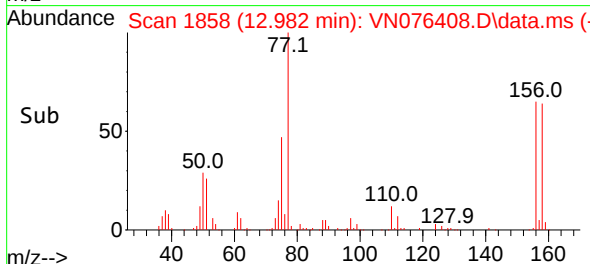
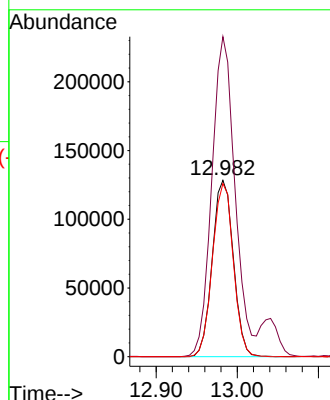
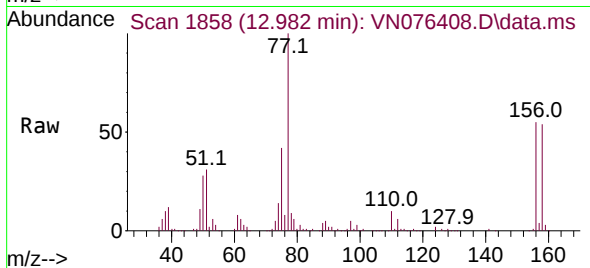
Tgt Ion:156 Resp: 231073
 Ion Ratio Lower Upper
 156 100
 77 200.3 93.4 280.2
 158 97.4 48.4 145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#78

n-propylbenzene

Concen: 55.072 ug/l

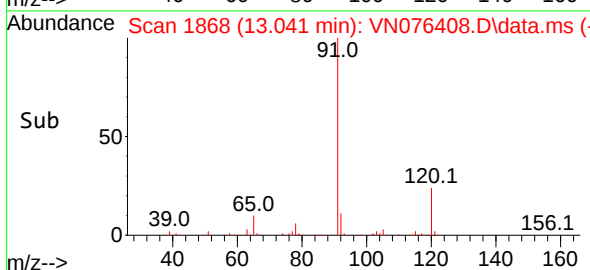
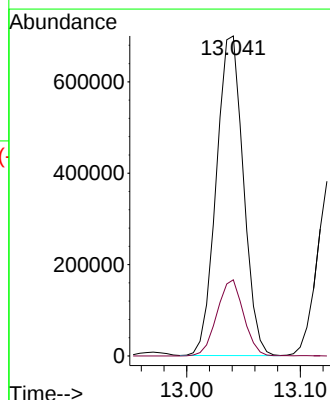
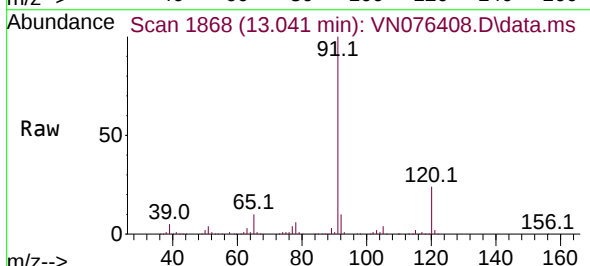
RT: 13.041 min Scan# 1868

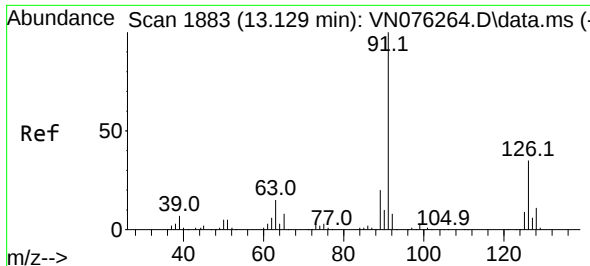
Delta R.T. 0.006 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

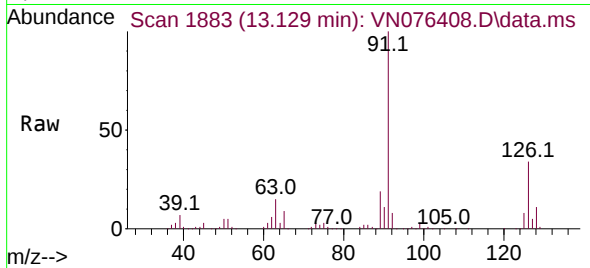
Tgt Ion: 91 Resp: 1158591
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 53.735 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

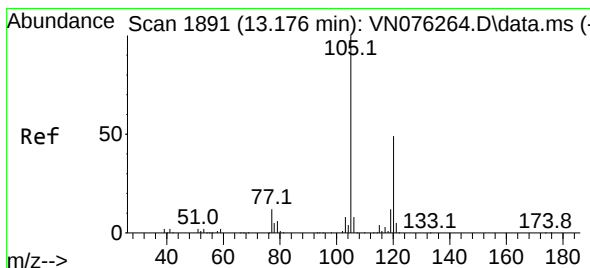
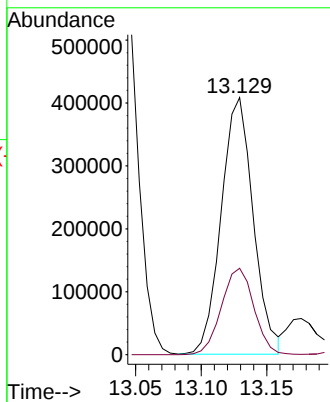
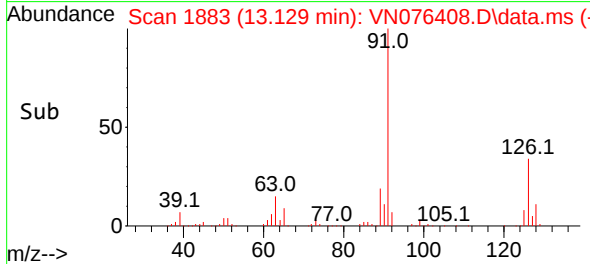
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 69368
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.2

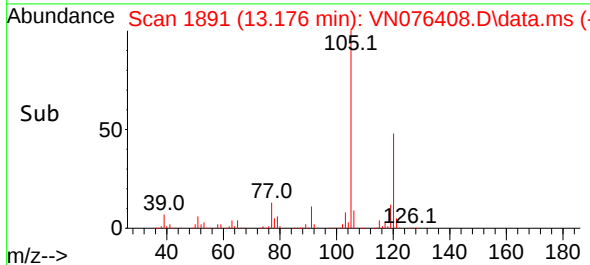
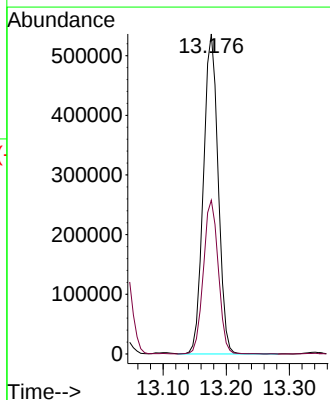
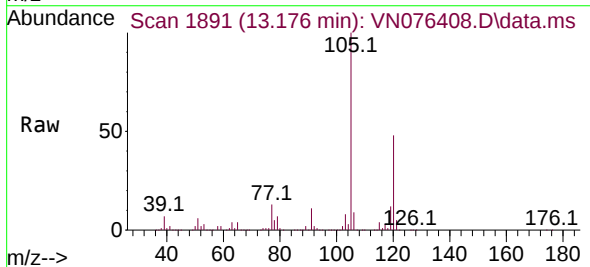
Manual Integrations
APPROVED

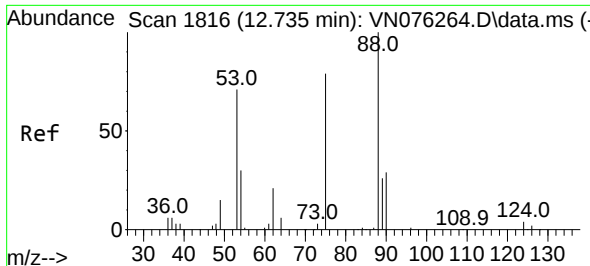
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.545 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

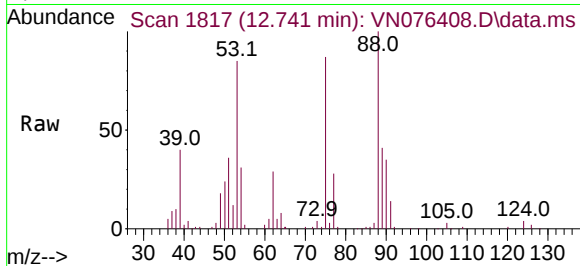
Tgt Ion:105 Resp: 867606
Ion Ratio Lower Upper
105 100
120 48.5 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 54.188 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

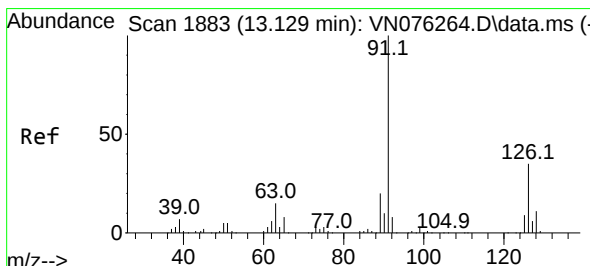
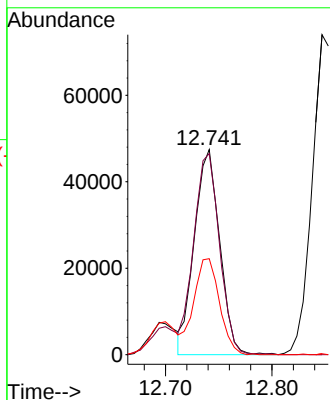
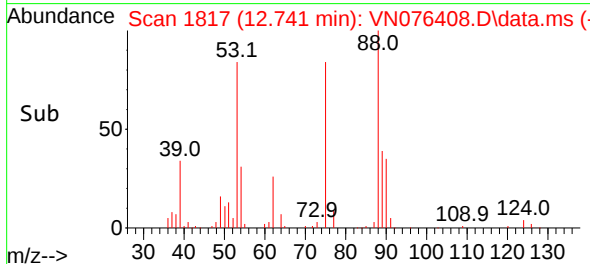
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 78494
Ion Ratio Lower Upper
75 100
53 100.4 75.8 113.8
89 48.1 37.0 55.6

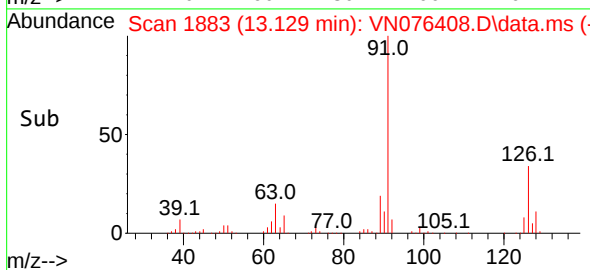
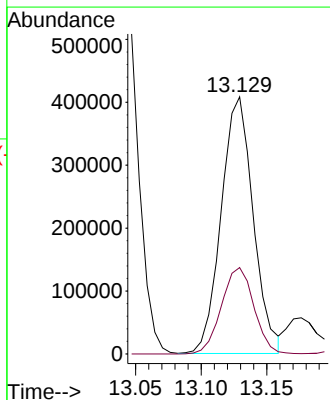
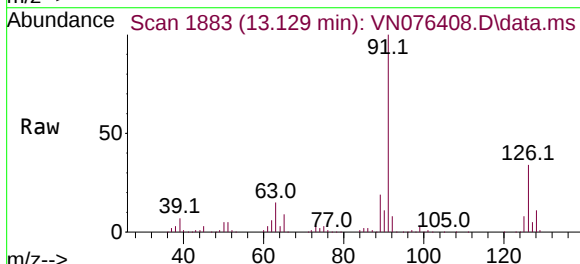
Manual Integrations
APPROVED

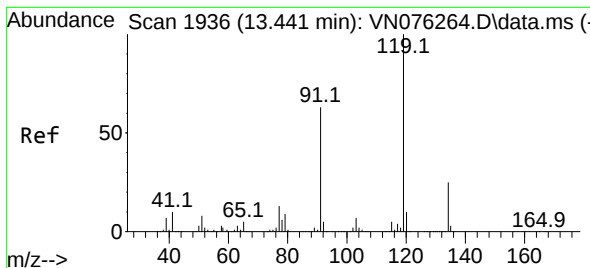
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#82
4-Chlorotoluene
Concen: 53.735 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion: 91 Resp: 693685
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.2





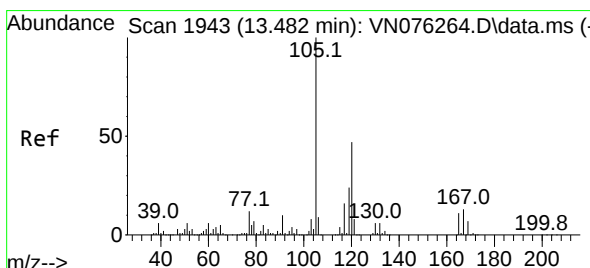
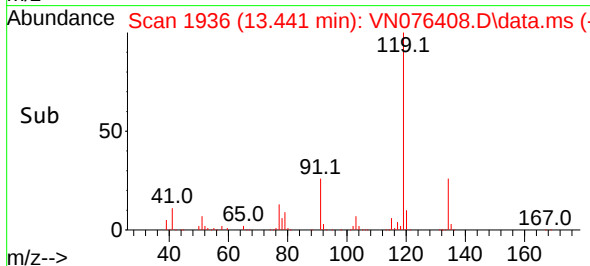
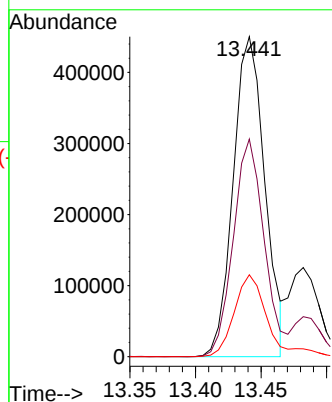
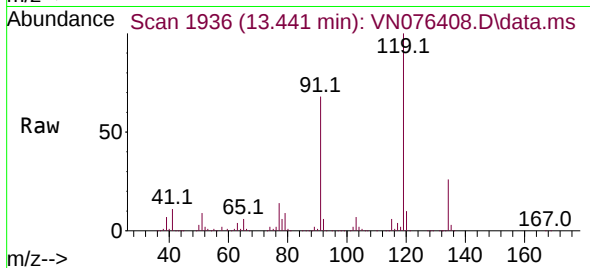
#83
tert-Butylbenzene
Concen: 54.364 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 75524
Ion Ratio Lower Upper
119 100
91 67.0 32.2 96.6
134 26.9 13.6 40.8

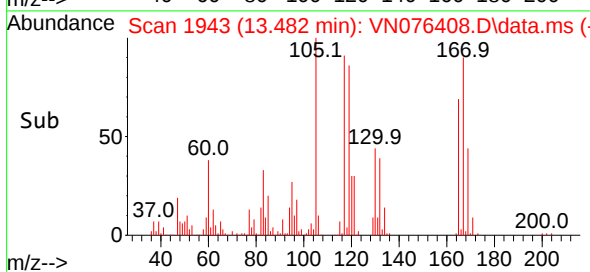
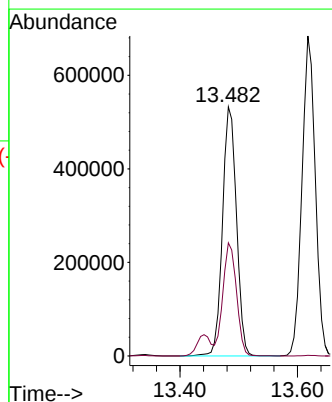
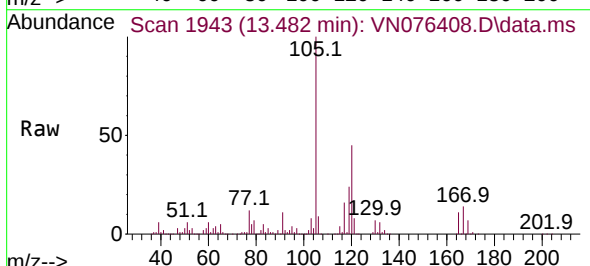
Manual Integrations
APPROVED

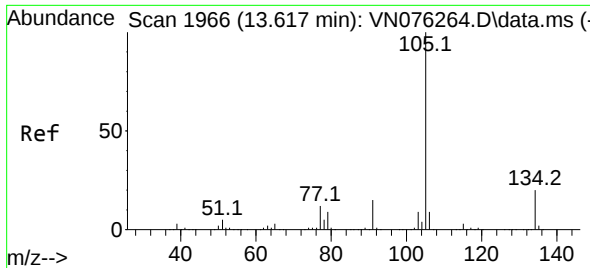
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.018 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion:105 Resp: 877381
Ion Ratio Lower Upper
105 100
120 44.1 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 55.747 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076408.D
 Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

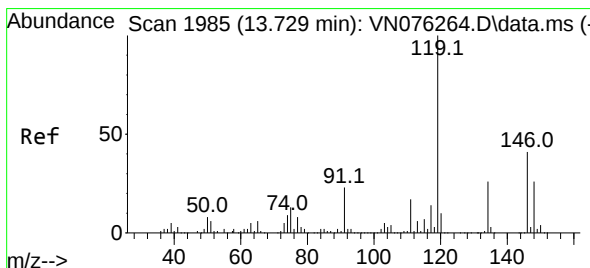
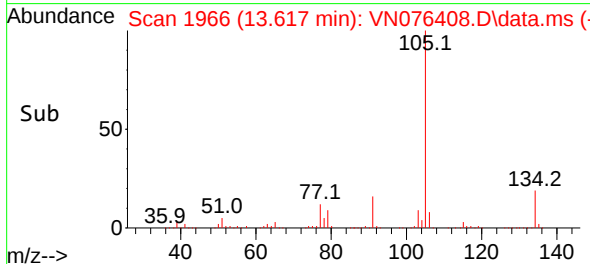
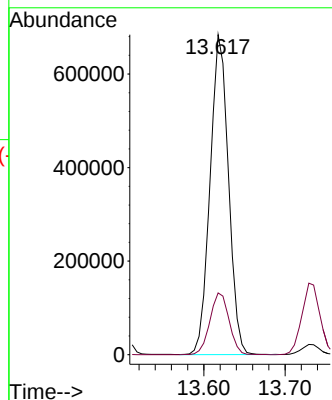
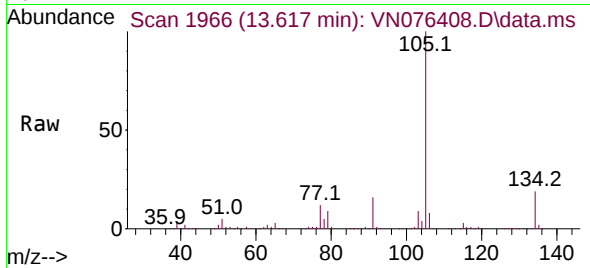
VSTDCCC050EC

Tgt Ion:105 Resp: 107464
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

Manual Integrations

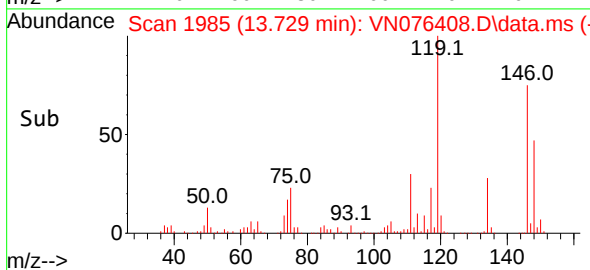
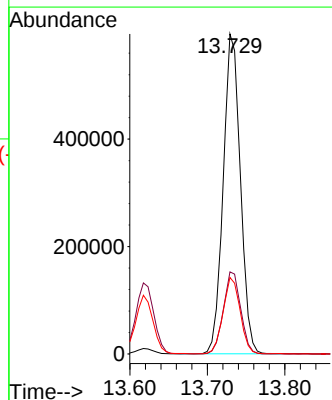
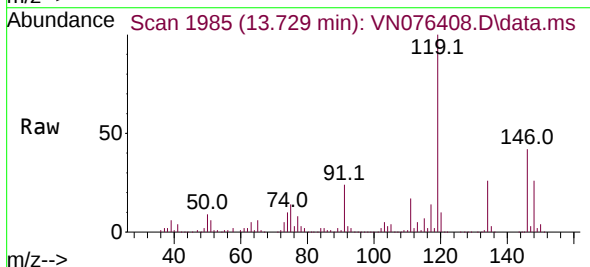
APPROVED

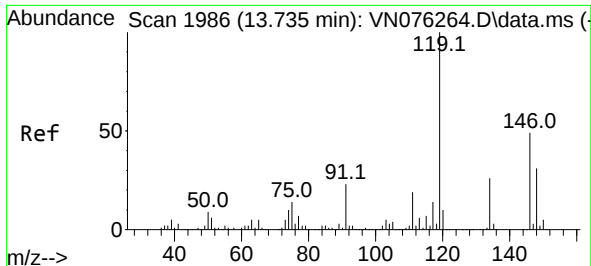
Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#86
 p-Isopropyltoluene
 Concen: 57.876 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076408.D
 Acq: 25 Jan 2023 17:46

Tgt Ion:119 Resp: 917437
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.6
 91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.617 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 453609

Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.7

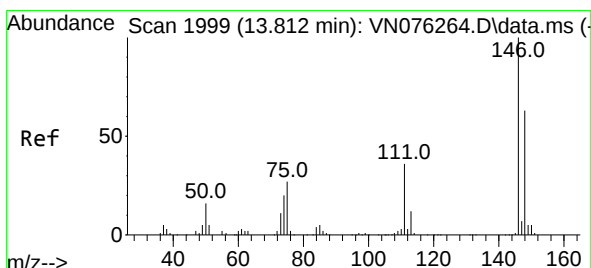
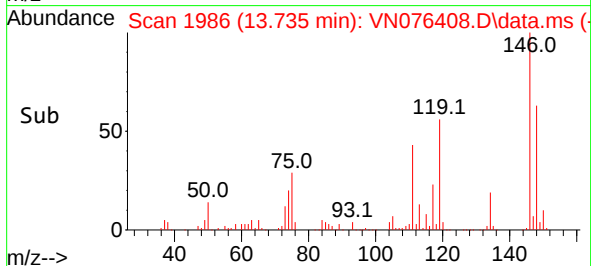
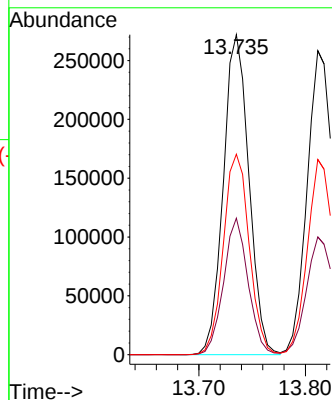
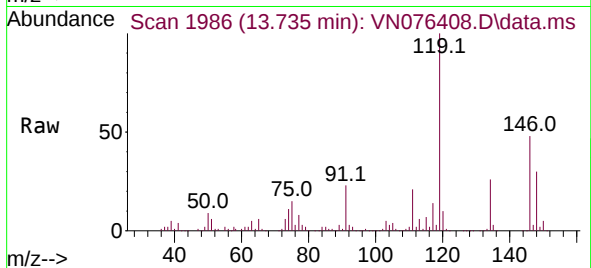
148 63.4 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#88

1,4-Dichlorobenzene

Concen: 52.680 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

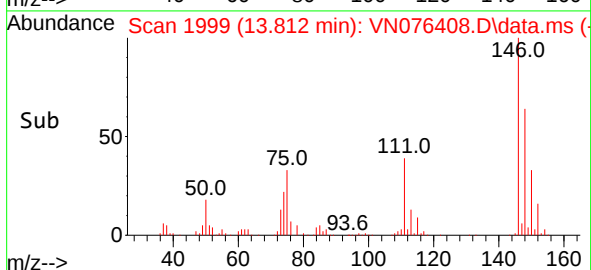
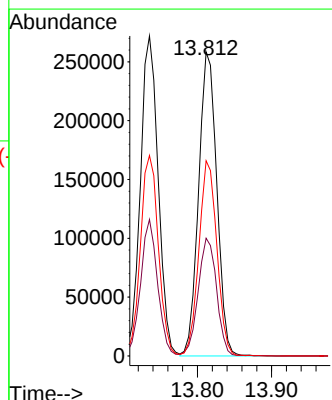
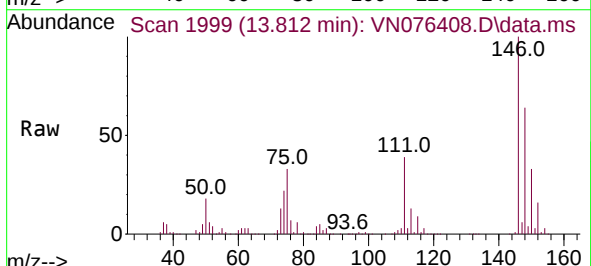
Tgt Ion:146 Resp: 440429

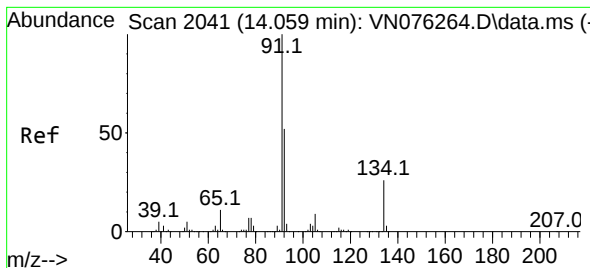
Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 59.126 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 744020

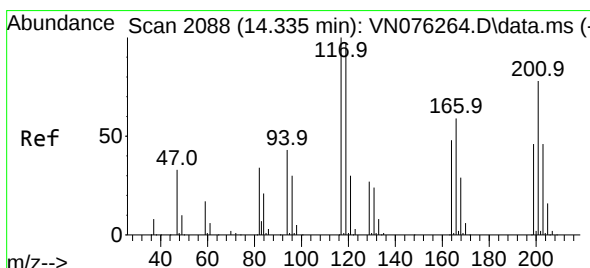
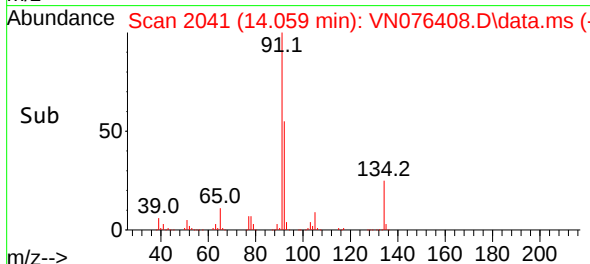
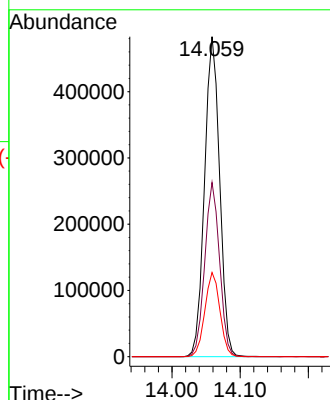
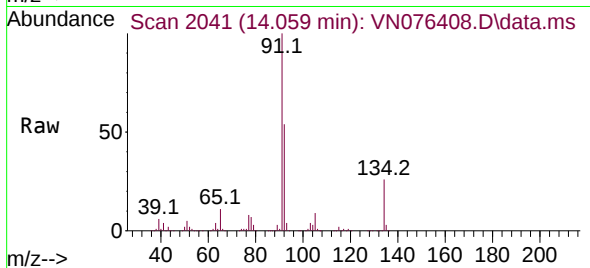
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.3	78.9
134	26.2	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#90

Hexachloroethane

Concen: 57.439 ug/l

RT: 14.335 min Scan# 2088

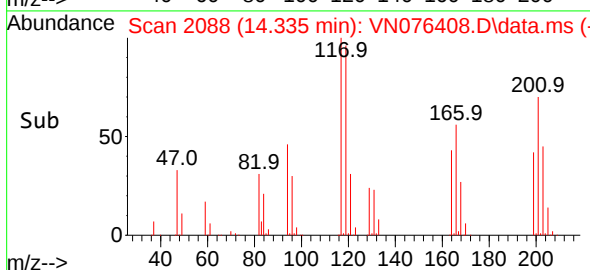
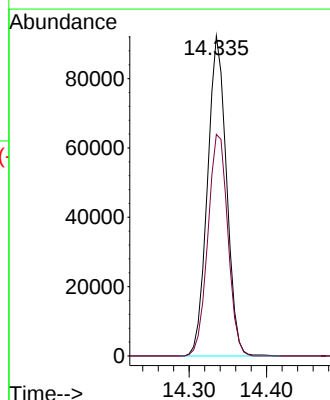
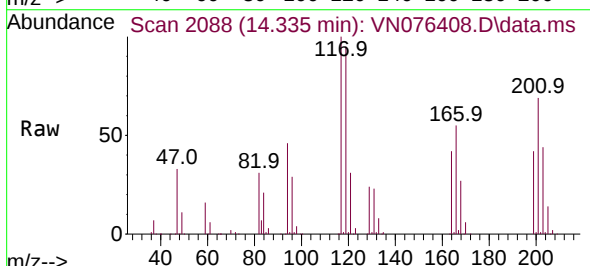
Delta R.T. 0.000 min

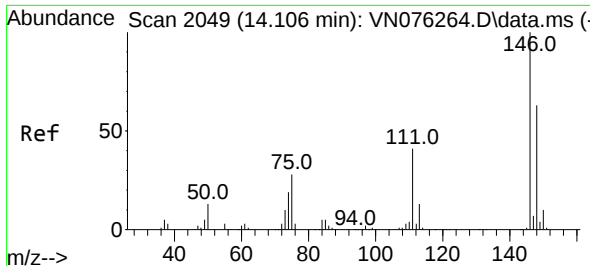
Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

Tgt Ion:117 Resp: 157146

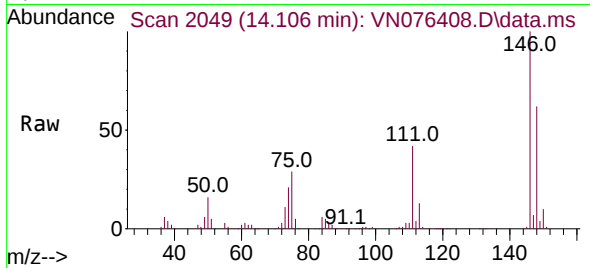
Ion	Ratio	Lower	Upper
117	100		
201	72.5	37.3	111.9





#91
1,2-Dichlorobenzene
Concen: 50.981 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

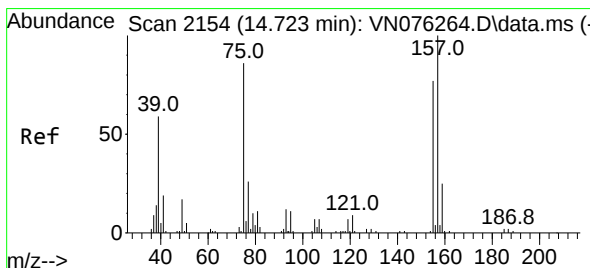
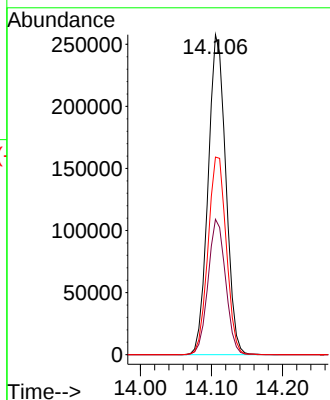
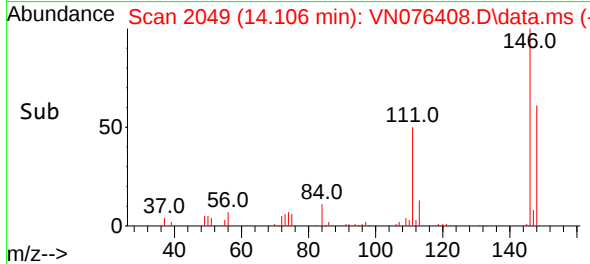
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



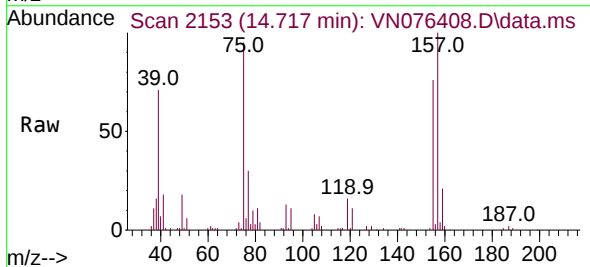
Tgt Ion:146 Resp: 44622
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.8
148 63.5 31.8 95.4

Manual Integrations
APPROVED

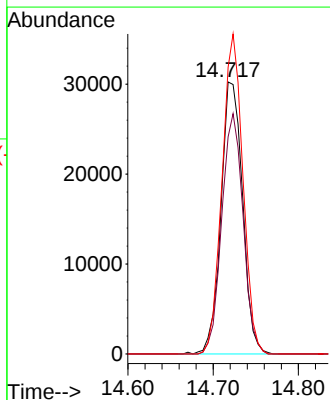
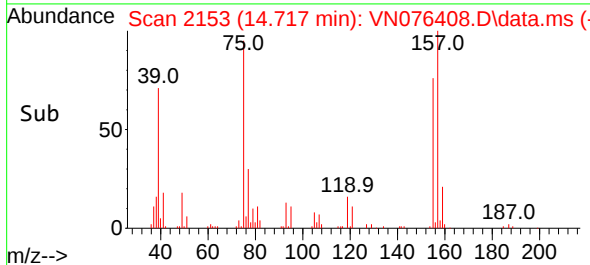
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

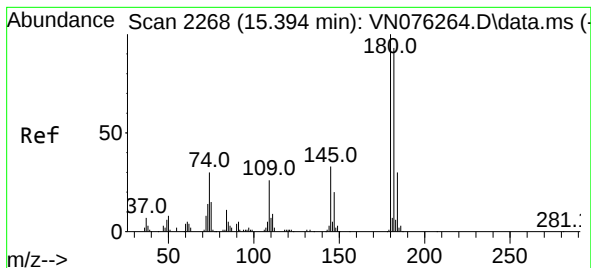


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.280 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46



Tgt Ion: 75 Resp: 53367
Ion Ratio Lower Upper
75 100
155 87.1 45.0 135.0
157 113.2 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 52.996 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076408.D

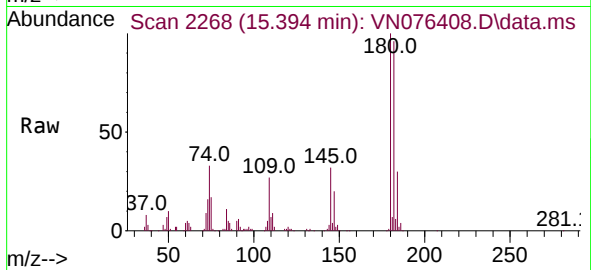
Acq: 25 Jan 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 224470

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

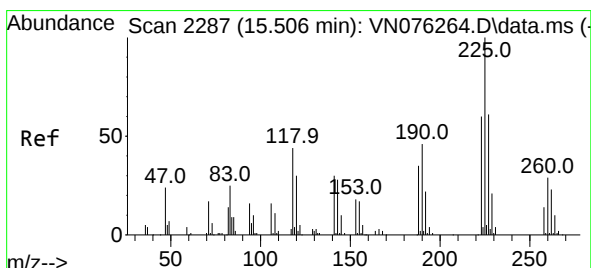
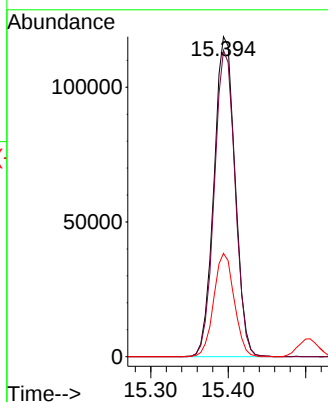
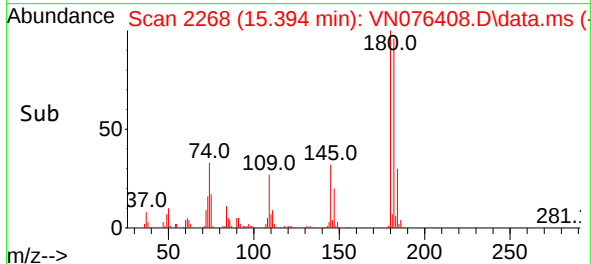
145 31.3 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#94

Hexachlorobutadiene

Concen: 50.140 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076408.D

Acq: 25 Jan 2023 17:46

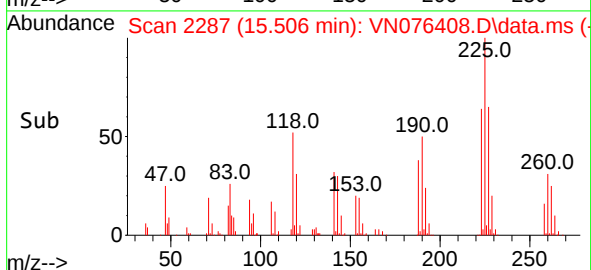
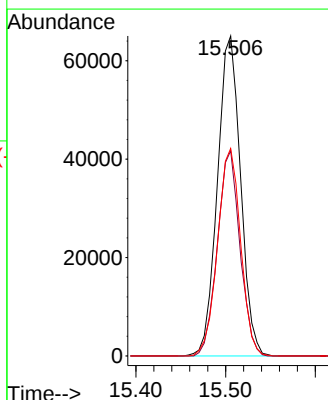
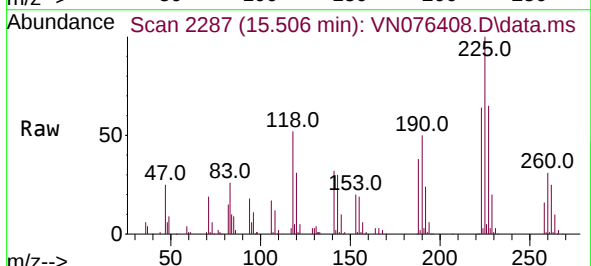
Tgt Ion:225 Resp: 116459

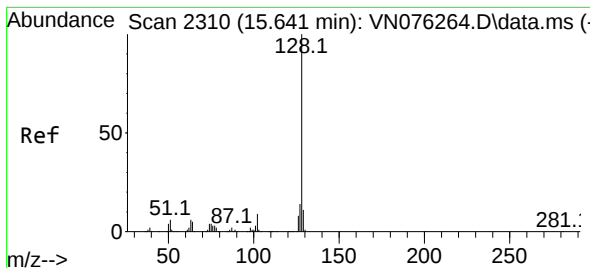
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

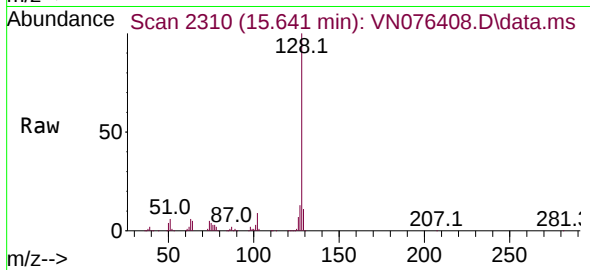
227 64.4 30.9 92.8





#95
Naphthalene
Concen: 52.439 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

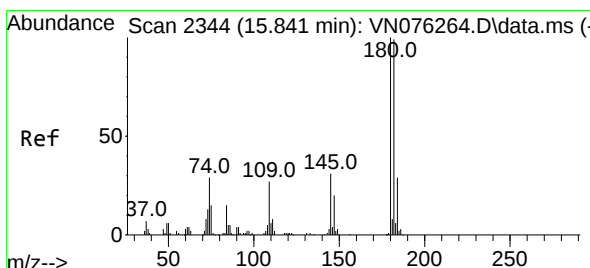
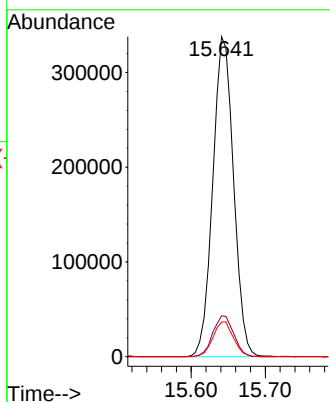
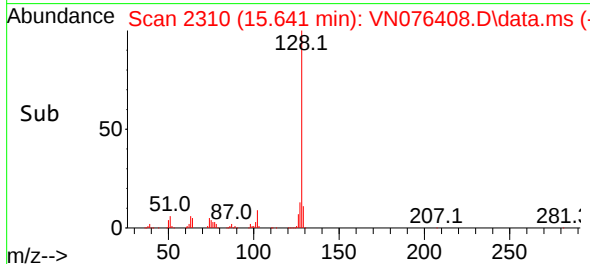
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 657820
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.127 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076408.D
Acq: 25 Jan 2023 17:46

Tgt Ion:180 Resp: 210343
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 33.4 15.9 47.6

