

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076447.D
 Acq On : 30 Jan 2023 10:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 00:33:54 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	385523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	561302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	333610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230801	53.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.940%			
35) Dibromofluoromethane	8.171	113	197092	50.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	10.571	98	722512	50.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.160%			
62) 4-Bromofluorobenzene	12.853	95	262650	56.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	178532	45.190	ug/l	98
3) Chloromethane	2.377	50	219544	53.673	ug/l	96
4) Vinyl Chloride	2.530	62	289434	57.707	ug/l	98
5) Bromomethane	2.953	94	198720	48.381	ug/l	98
6) Chloroethane	3.124	64	192506	51.185	ug/l	97
7) Trichlorofluoromethane	3.506	101	394579	57.183	ug/l	96
8) Diethyl Ether	3.977	74	132808	57.382	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	211856	54.235	ug/l	96
10) Methyl Iodide	4.600	142	301118	50.466	ug/l	96
11) Tert butyl alcohol	5.536	59	136109	235.736	ug/l	100
12) 1,1-Dichloroethene	4.353	96	187596	50.803	ug/l	83
13) Acrolein	4.194	56	200672	290.622	ug/l	100
14) Allyl chloride	5.036	41	219734	51.063	ug/l	97
15) Acrylonitrile	5.730	53	397313	241.816	ug/l	99
16) Acetone	4.442	43	464438	335.654	ug/l	98
17) Carbon Disulfide	4.724	76	419293	45.603	ug/l	97
18) Methyl Acetate	5.042	43	227354	48.480	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	618037	51.412	ug/l	99
20) Methylene Chloride	5.289	84	199213	48.635	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	187475	46.865	ug/l	94
22) Diisopropyl ether	6.683	45	559744	55.158	ug/l	99
23) Vinyl Acetate	6.612	43	1776278	270.834	ug/l	97
24) 1,1-Dichloroethane	6.583	63	347004	51.299	ug/l	99
25) 2-Butanone	7.488	43	540134	255.569	ug/l	96
26) 2,2-Dichloropropane	7.500	77	312466	54.807	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	233310	50.005	ug/l	97
28) Bromochloromethane	7.818	49	148205	54.055	ug/l	94
29) Tetrahydrofuran	7.841	42	326783	250.525	ug/l	97
30) Chloroform	7.971	83	396974	53.037	ug/l	99
31) Cyclohexane	8.259	56	287737	43.392	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	363682	53.220	ug/l	95
36) 1,1-Dichloropropene	8.377	75	275484	50.119	ug/l	99
37) Ethyl Acetate	7.565	43	209853	47.601	ug/l	98
38) Carbon Tetrachloride	8.365	117	320298	52.255	ug/l	99
39) Methylcyclohexane	9.606	83	342857	51.079	ug/l	97
40) Benzene	8.612	78	826718	50.300	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	120402	52.158	ug/l	96
42) 1,2-Dichloroethane	8.677	62	296530	52.731	ug/l	99
43) Isopropyl Acetate	8.694	43	370124	51.606	ug/l	99
44) Trichloroethene	9.359	130	220750	47.488	ug/l	100
45) 1,2-Dichloropropane	9.624	63	202041	51.344	ug/l	98
46) Dibromomethane	9.712	93	147828	49.757	ug/l	97
47) Bromodichloromethane	9.888	83	312397	54.214	ug/l	98
48) Methyl methacrylate	9.682	41	181255	53.382	ug/l	94
49) 1,4-Dioxane	9.700	88	68602	957.521	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1103618	262.121	ug/l	99
52) Toluene	10.629	92	546909	49.759	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	315337	57.406	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	343389	54.337	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	215652	51.331	ug/l	99
56) Ethyl methacrylate	10.876	69	307454	56.686	ug/l	98
57) 1,3-Dichloropropane	11.165	76	355601	52.085	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	462609	252.648	ug/l	98
59) 2-Hexanone	11.200	43	821908	269.385	ug/l	99
60) Dibromochloromethane	11.359	129	247992	56.075	ug/l	100
61) 1,2-Dibromoethane	11.470	107	215145	51.305	ug/l	100
64) Tetrachloroethene	11.106	164	225585	44.565	ug/l	99
65) Chlorobenzene	11.894	112	590025	49.727	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	229194	51.917	ug/l	100
67) Ethyl Benzene	11.965	91	1081074	53.236	ug/l	99
68) m/p-Xylenes	12.070	106	856360	105.167	ug/l	98
69) o-Xylene	12.400	106	413310	51.686	ug/l	95
70) Styrene	12.412	104	692357	54.225	ug/l	98
71) Bromoform	12.582	173	171431	53.772	ug/l #	99
73) Isopropylbenzene	12.700	105	1108602	42.955	ug/l	100
74) N-amyl acetate	12.494	43	325735	43.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	294659	39.716	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	275939m	45.314	ug/l	
77) Bromobenzene	12.982	156	255287	42.222	ug/l	96
78) n-propylbenzene	13.041	91	1288324	44.241	ug/l	99
79) 2-Chlorotoluene	13.129	91	760659	42.568	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	954844	44.163	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	88367	44.072	ug/l	96
82) 4-Chlorotoluene	13.129	91	760659	42.568	ug/l	98
83) tert-Butylbenzene	13.441	119	871320	45.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1041382	48.034	ug/l	98
85) sec-Butylbenzene	13.617	105	1356549	50.839	ug/l	98
86) p-Isopropyltoluene	13.729	119	1245667	56.771	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	604652	49.708	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	581351	50.240	ug/l	98
89) n-Butylbenzene	14.059	91	1004814	57.688	ug/l	99
90) Hexachloroethane	14.335	117	184487	48.716	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	565262	46.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55661	43.160	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	246547	42.320	ug/l	99
94) Hexachlorobutadiene	15.506	225	130188	40.493	ug/l	97
95) Naphthalene	15.641	128	686034	39.962	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	233129	41.968	ug/l	99

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ClientSampleId :
VSTDCCC050

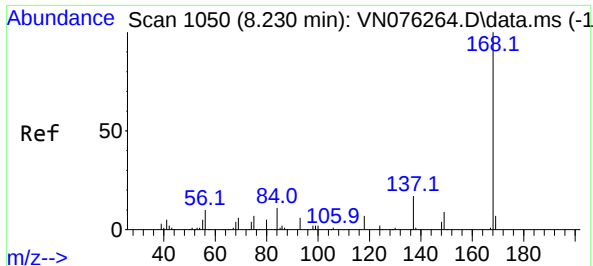
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/31/2023

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



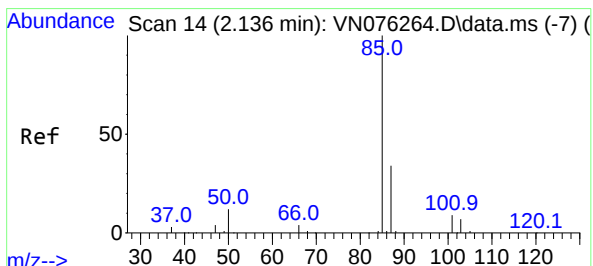
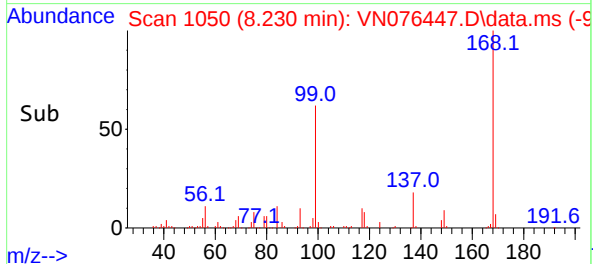
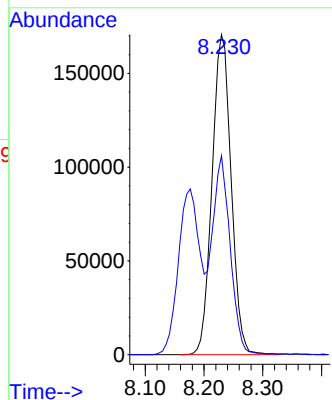
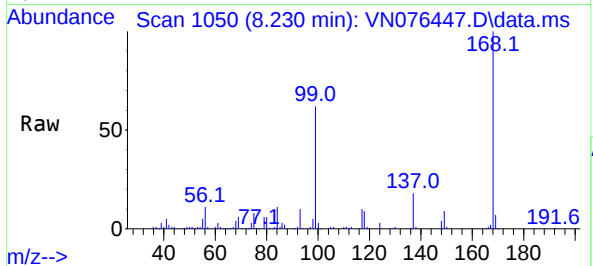
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 38552
Ion Ratio Lower Upper
168 100
99 61.9 41.6 62.4

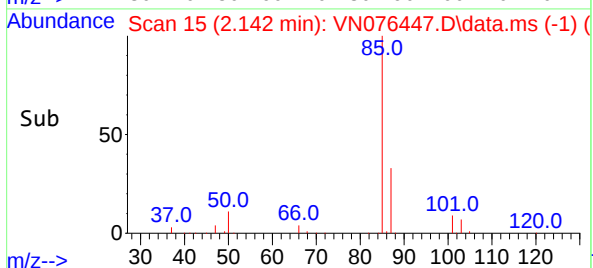
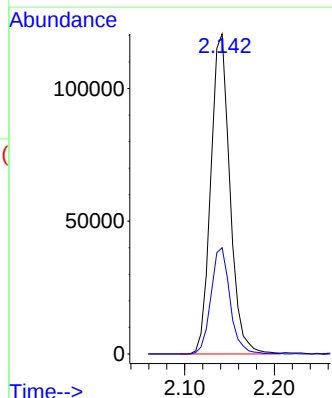
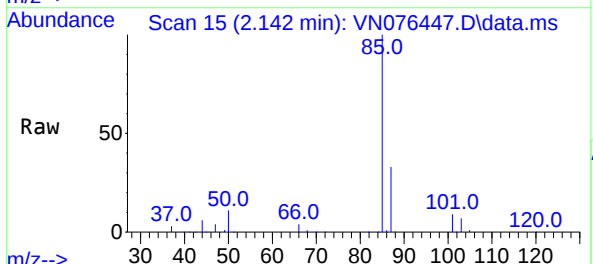
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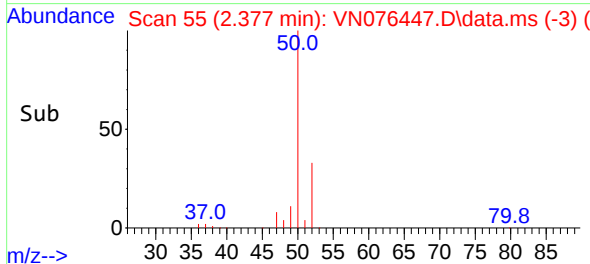
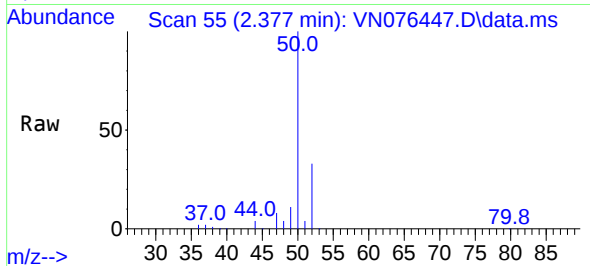
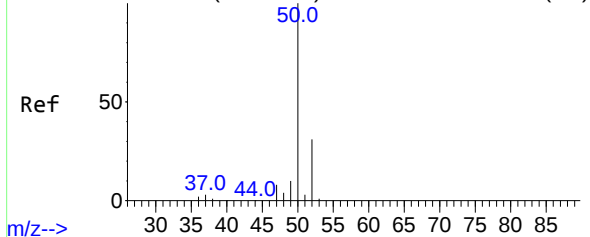


#2
Dichlorodifluoromethane
Concen: 45.190 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion: 85 Resp: 178532
Ion Ratio Lower Upper
85 100
87 33.2 17.1 51.2



Abundance Scan 54 (2.371 min): VN076264.D\data.ms (-46)



#3

Chloromethane

Concen: 53.673 ug/l

RT: 2.377 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN076447.D

Acq: 30 Jan 2023 10:57

Tgt Ion: 50 Resp: 219544

Ion Ratio Lower Upper

50 100

52 33.2 24.8 37.2

Instrument :

MSVOA_N

ClientSampleId :

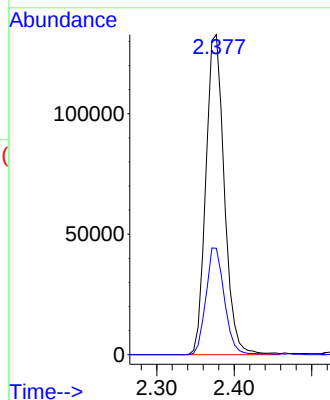
VSTDCCC050

Manual Integrations

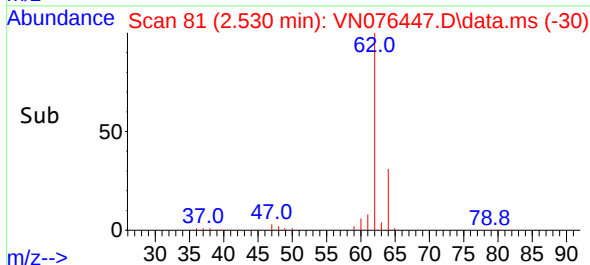
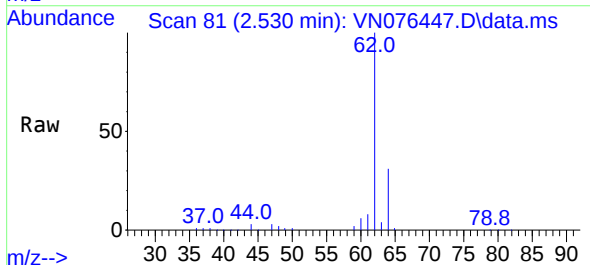
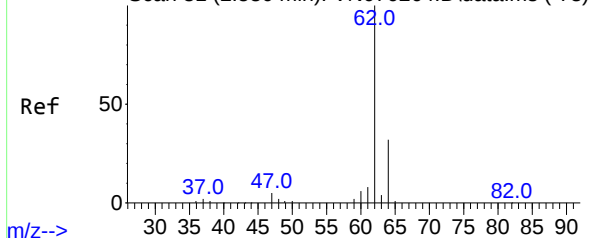
APPROVED

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Supervised By :Semsettin Yesilyurt 01/31/2023



Abundance Scan 81 (2.530 min): VN076264.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 57.707 ug/l

RT: 2.530 min Scan# 81

Delta R.T. -0.000 min

Lab File: VN076447.D

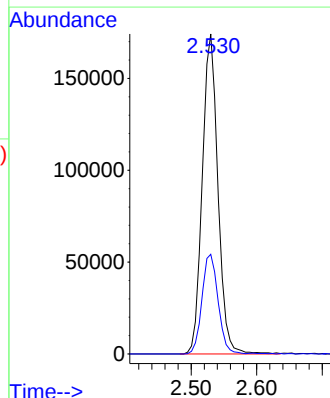
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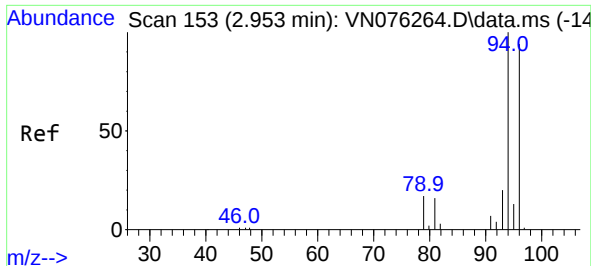
Tgt Ion: 62 Resp: 289434

Ion Ratio Lower Upper

62 100

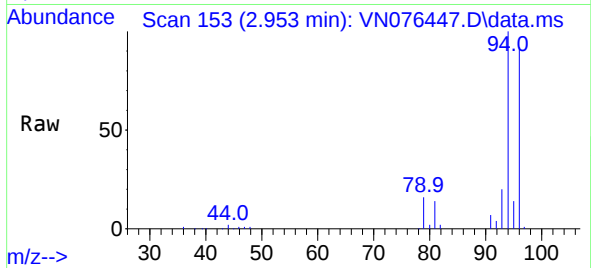
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 48.381 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

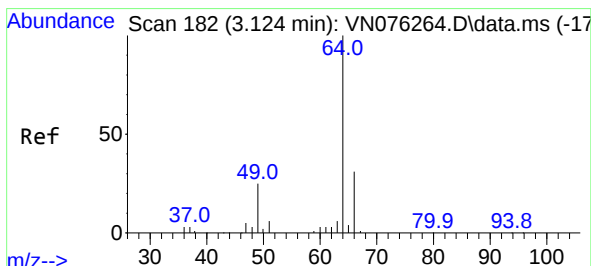
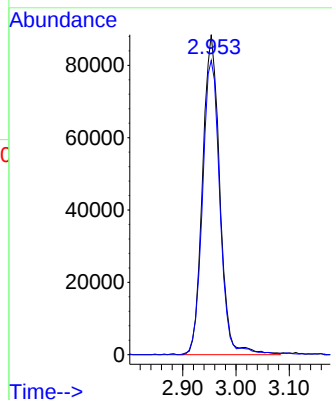
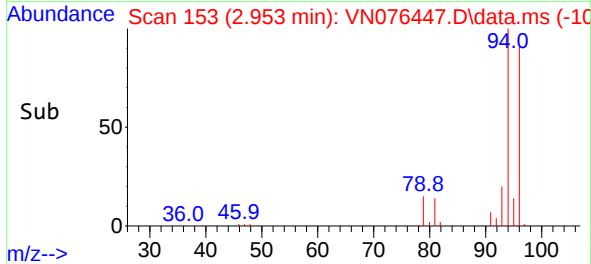
Instrument :
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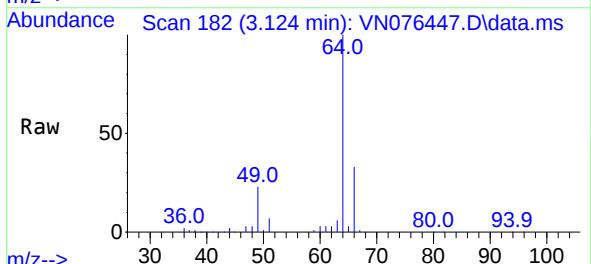
Tgt Ion: 94 Resp: 198720
Ion Ratio Lower Upper
94 100
96 91.9 75.1 112.7

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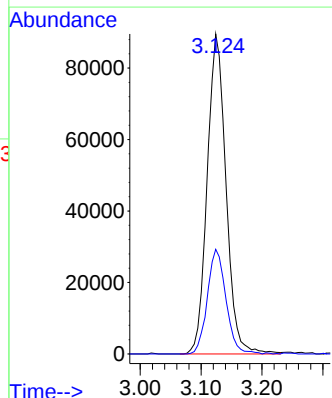
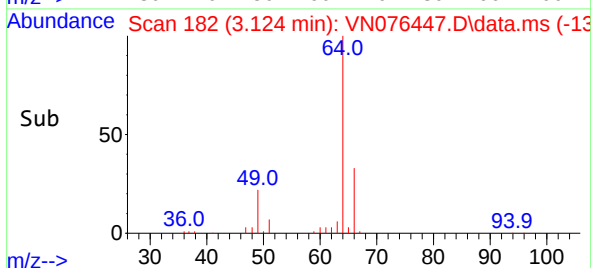
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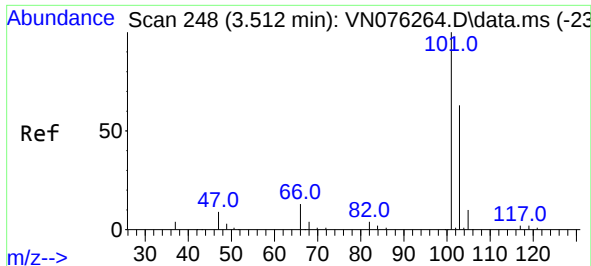


#6
Chloroethane
Concen: 51.185 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion: 64 Resp: 192506
Ion Ratio Lower Upper
64 100
66 32.7 24.8 37.2





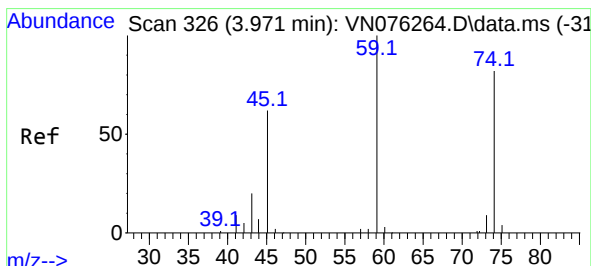
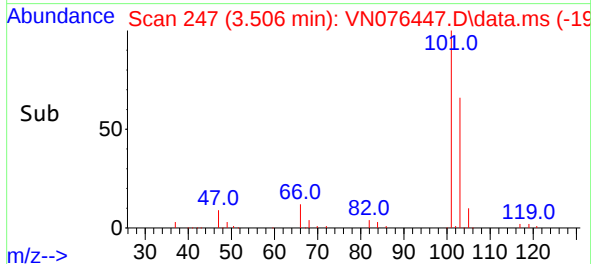
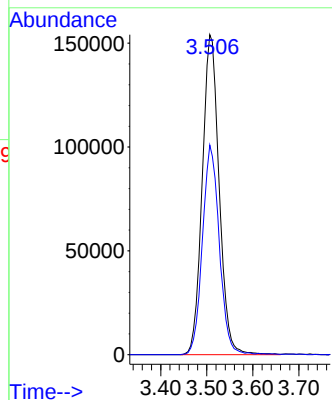
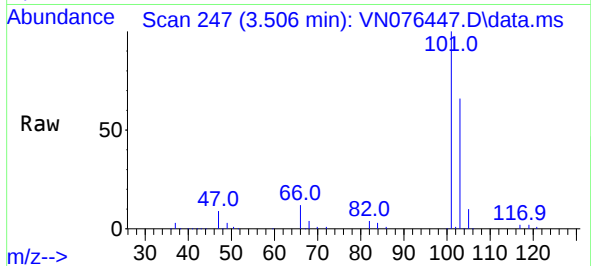
#7
Trichlorofluoromethane
Concen: 57.183 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 394579
Ion Ratio Lower Upper
101 100
103 65.5 50.2 75.4

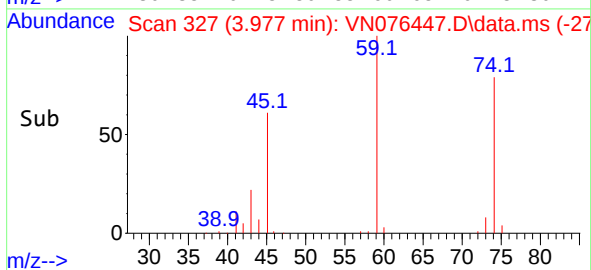
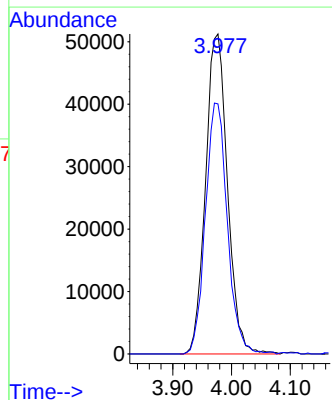
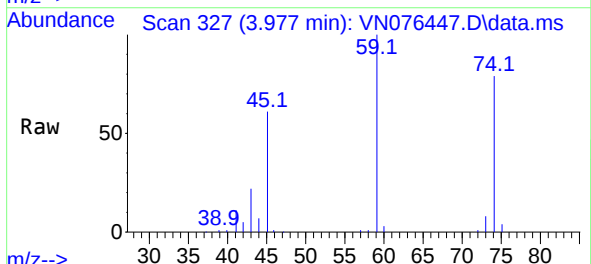
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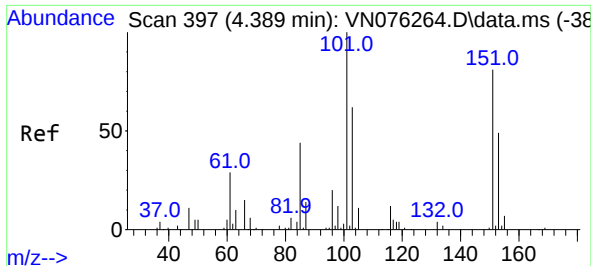
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#8
Diethyl Ether
Concen: 57.382 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

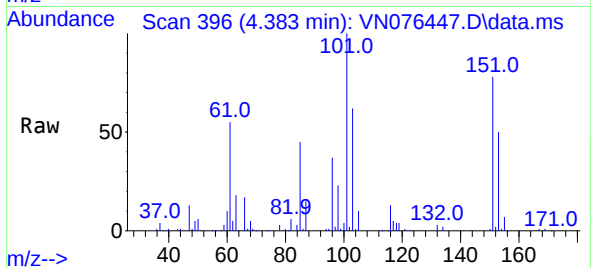
Tgt Ion: 74 Resp: 132808
Ion Ratio Lower Upper
74 100
45 78.4 37.8 113.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.235 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

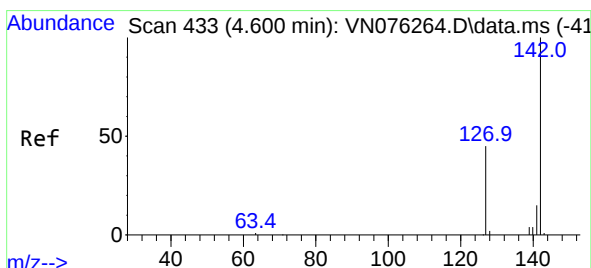
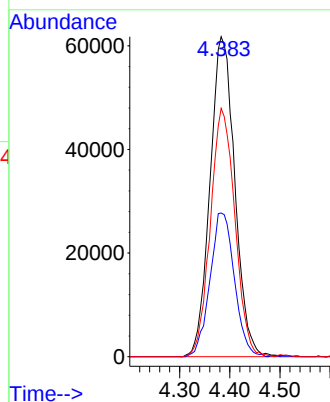
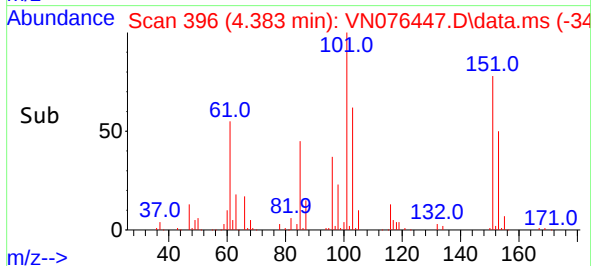
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



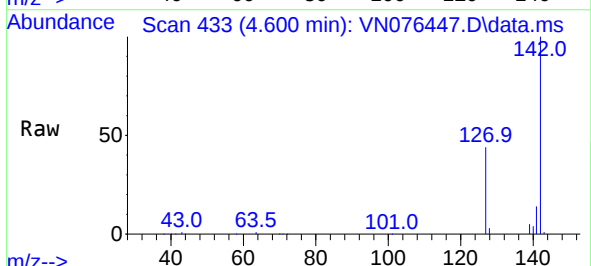
Tgt Ion:101 Resp: 211850
Ion Ratio Lower Upper
101 100
85 44.3 35.5 53.3
151 76.8 65.5 98.3

Manual Integrations
APPROVED

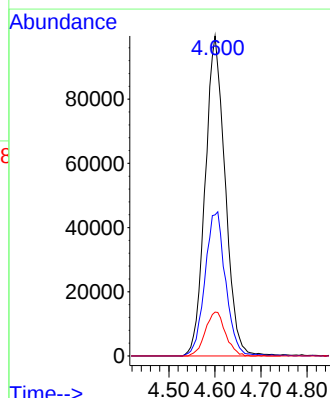
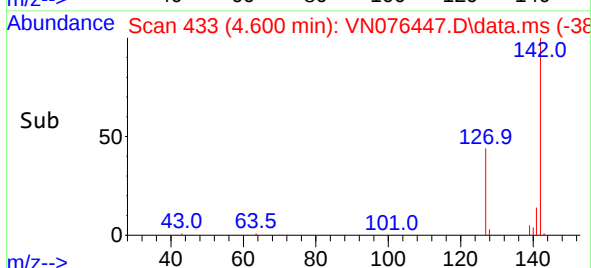
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

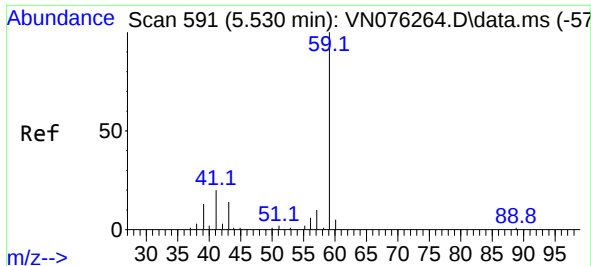


#10
Methyl Iodide
Concen: 50.466 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



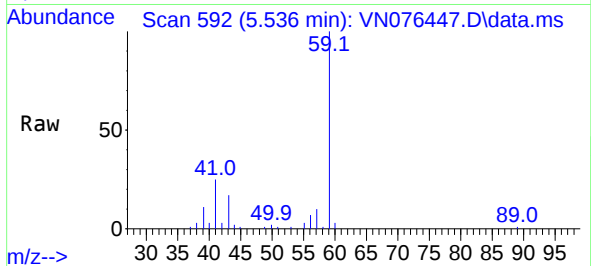
Tgt Ion:142 Resp: 301118
Ion Ratio Lower Upper
142 100
127 46.5 35.0 52.4
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 235.736 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

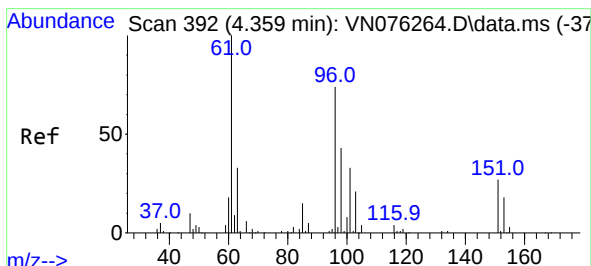
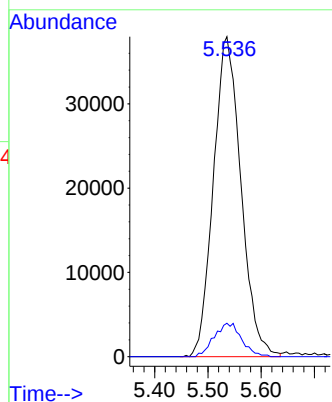
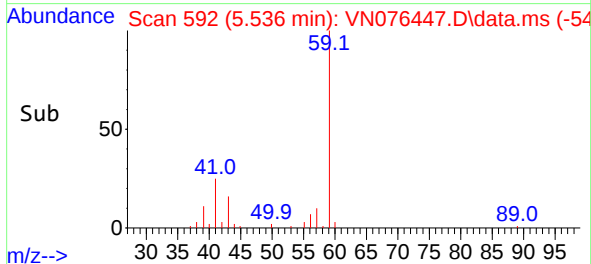
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 136109
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

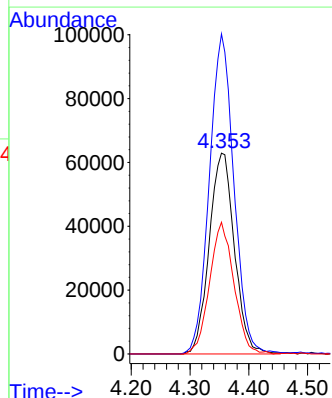
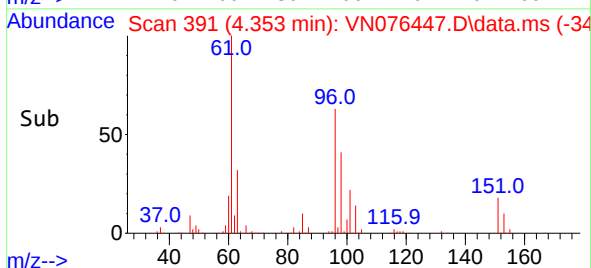
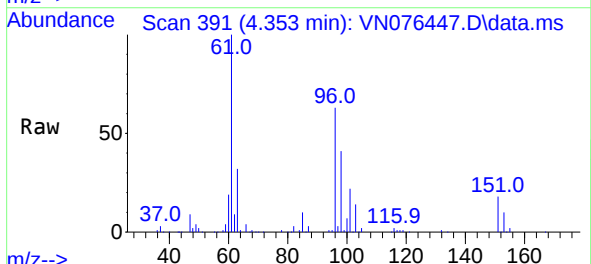
Manual Integrations
APPROVED

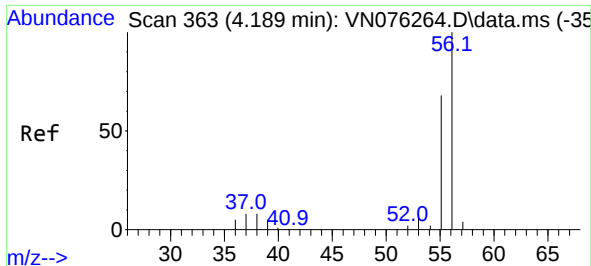
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#12
1,1-Dichloroethene
Concen: 50.803 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

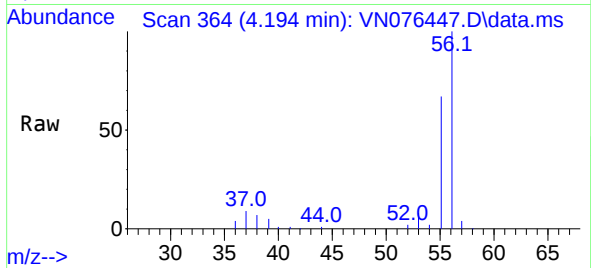
Tgt Ion: 96 Resp: 187596
Ion Ratio Lower Upper
96 100
61 159.4 108.2 162.4
98 65.6 47.0 70.6





#13
Acrolein
Concen: 290.622 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.005 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

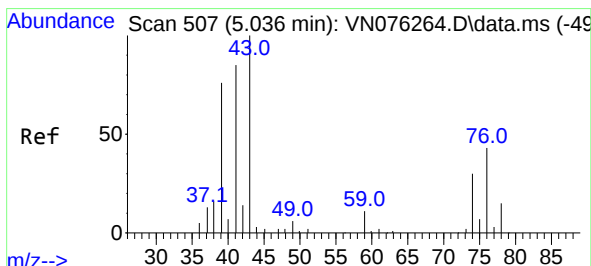
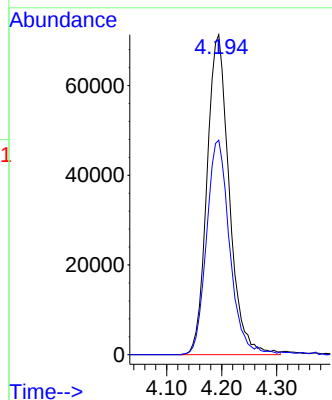
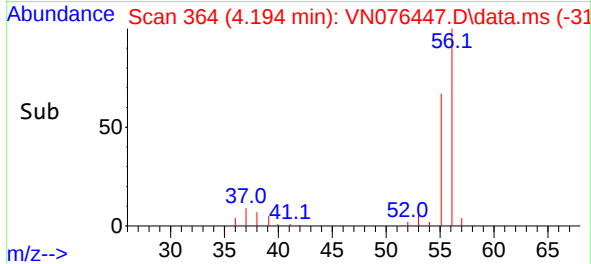
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



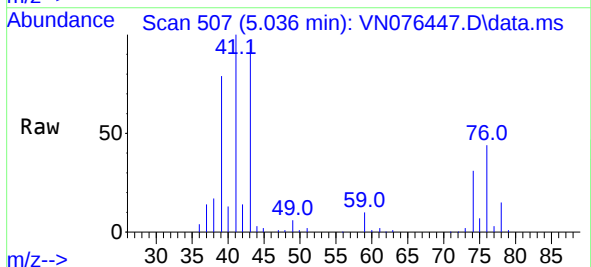
Tgt Ion: 56 Resp: 200672
Ion Ratio Lower Upper
56 100
55 69.6 55.8 83.6

Manual Integrations
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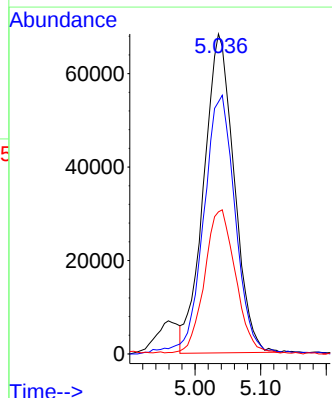
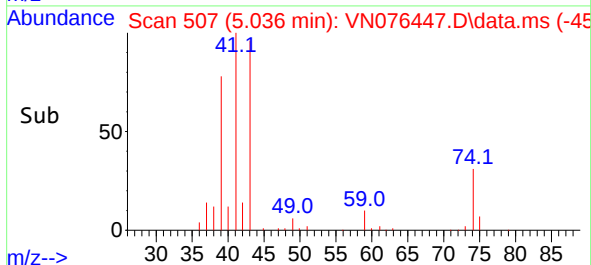
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

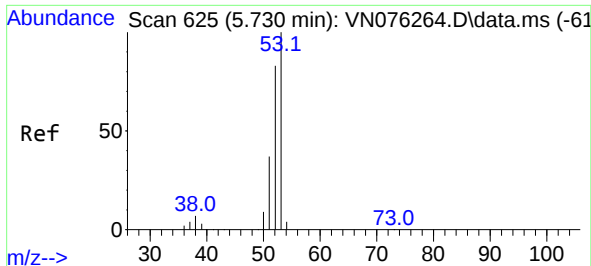


#14
Allyl chloride
Concen: 51.063 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



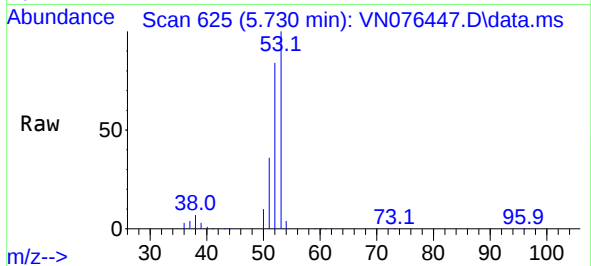
Tgt Ion: 41 Resp: 219734
Ion Ratio Lower Upper
41 100
39 84.9 67.4 101.0
76 45.7 39.8 59.8





#15
Acrylonitrile
Concen: 241.816 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

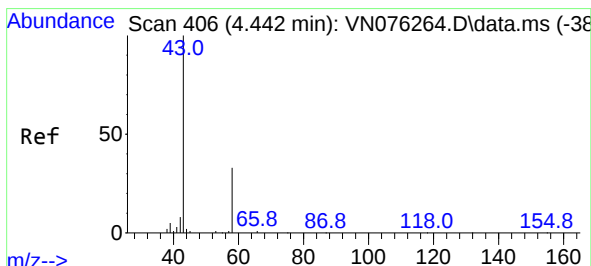
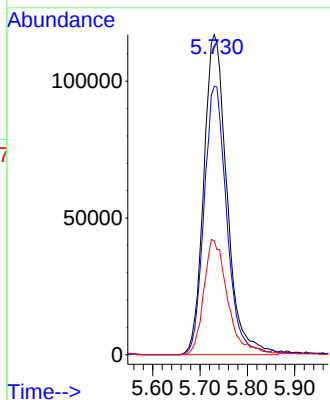
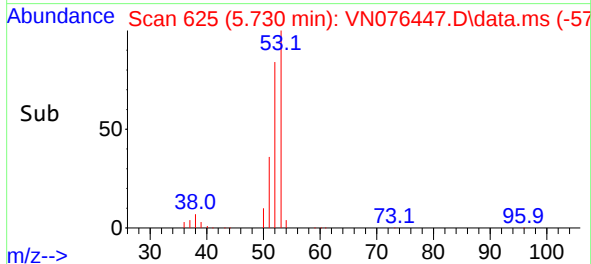
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



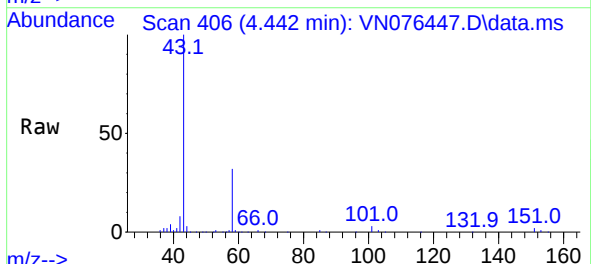
Tgt Ion: 53 Resp: 397311
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 37.3 29.2 43.8

Manual Integrations
APPROVED

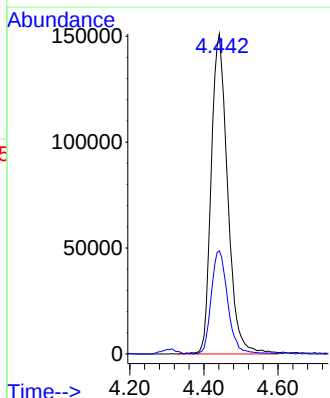
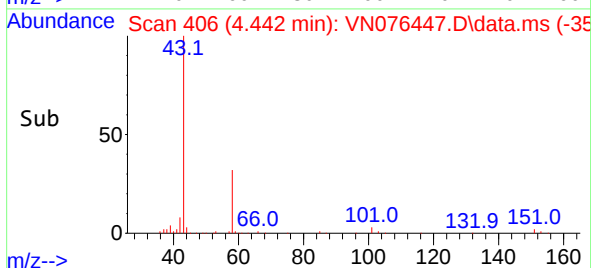
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

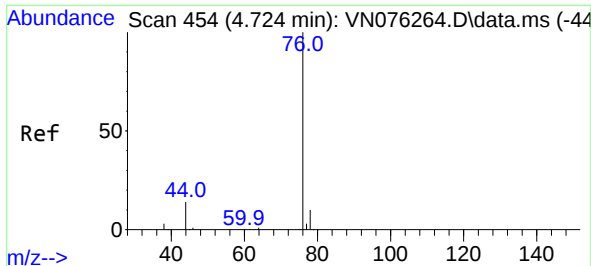


#16
Acetone
Concen: 335.654 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



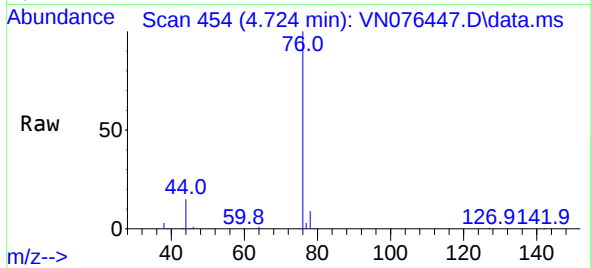
Tgt Ion: 43 Resp: 464438
Ion Ratio Lower Upper
43 100
58 32.1 26.7 40.1





#17
Carbon Disulfide
Concen: 45.603 ug/l
RT: 4.724 min Scan# 41929
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

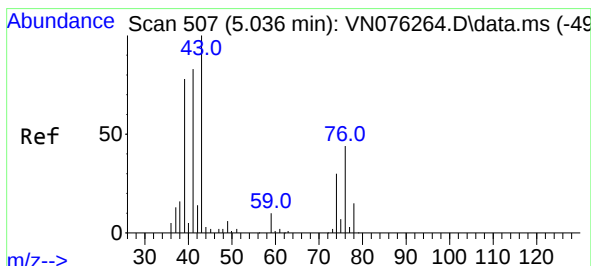
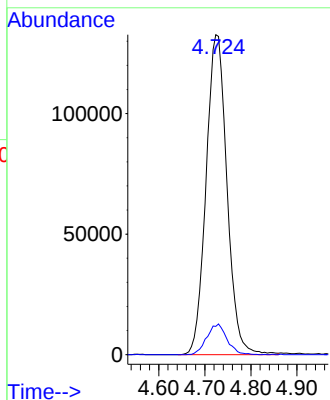
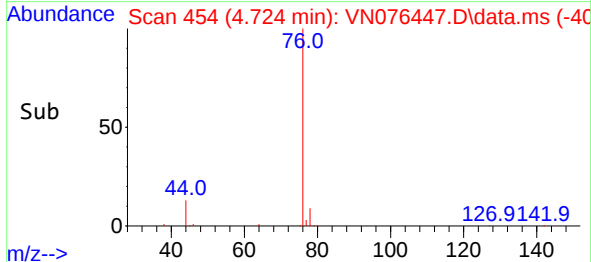
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



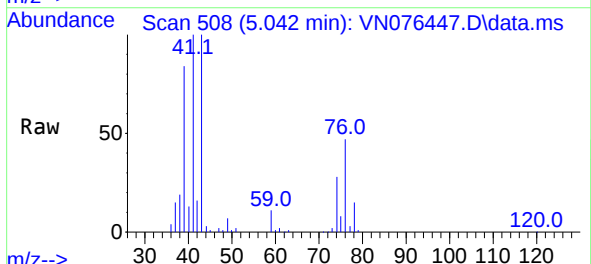
Tgt Ion: 76 Resp: 41929
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0

Manual Integrations
APPROVED

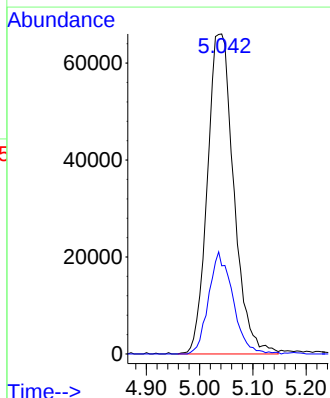
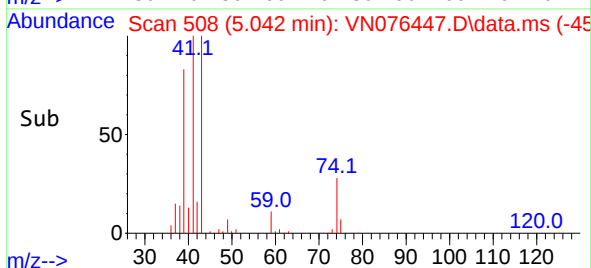
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

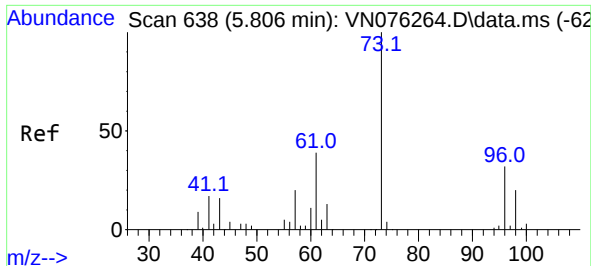


#18
Methyl Acetate
Concen: 48.480 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion: 43 Resp: 227354
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9





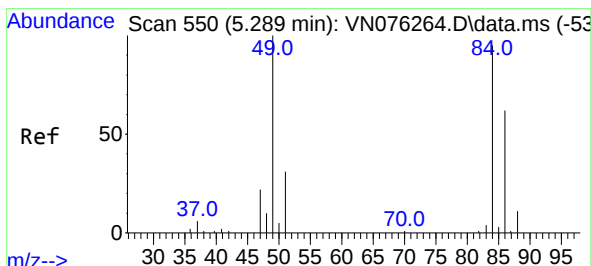
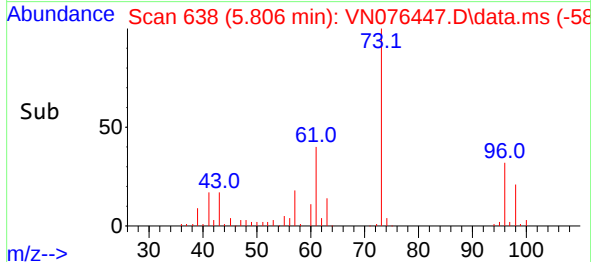
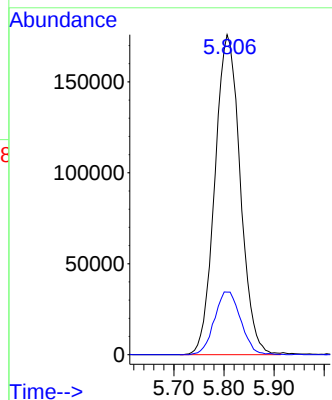
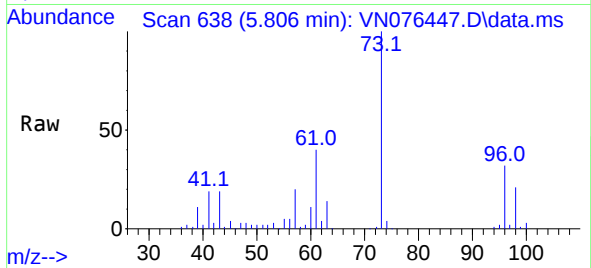
#19
Methyl tert-butyl Ether
Concen: 51.412 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 61803
Ion Ratio Lower Upper
73 100
57 19.6 15.9 23.9

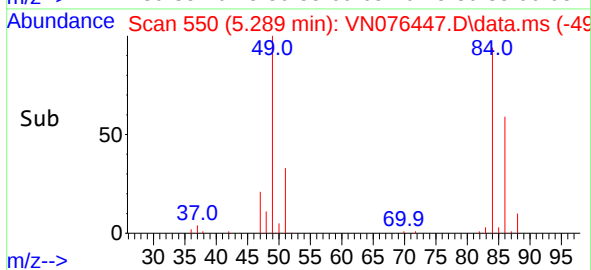
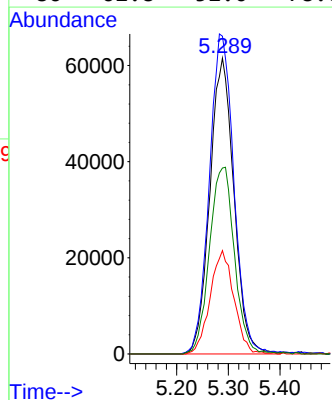
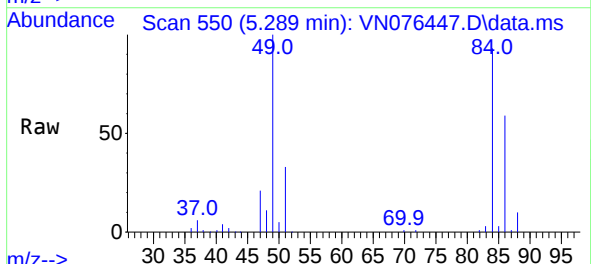
Manual Integrations
APPROVED

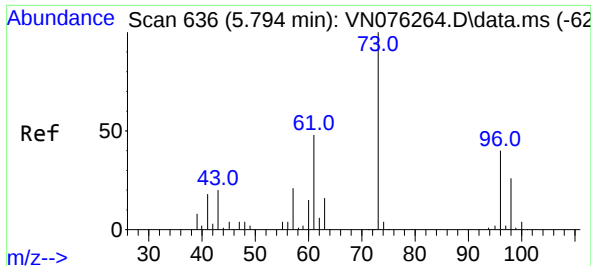
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#20
Methylene Chloride
Concen: 48.635 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion: 84 Resp: 199213
Ion Ratio Lower Upper
84 100
49 107.4 84.5 126.7
51 34.9 26.0 39.0
86 62.8 52.0 78.0





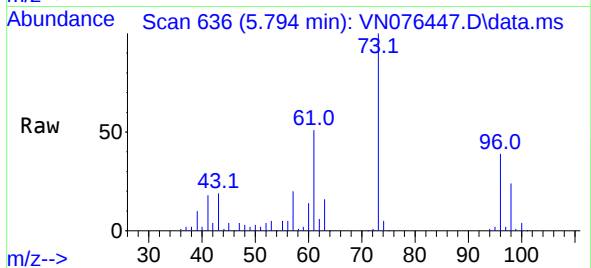
#21
trans-1,2-Dichloroethene
Concen: 46.865 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

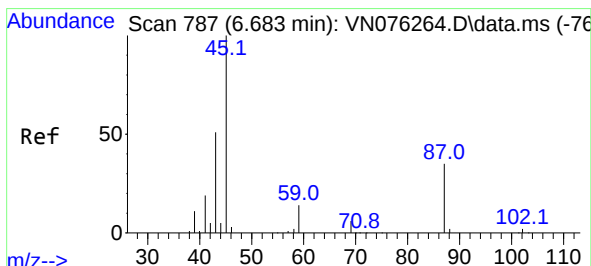
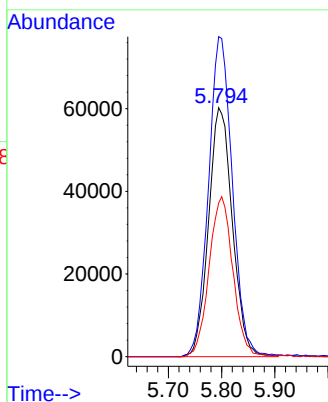
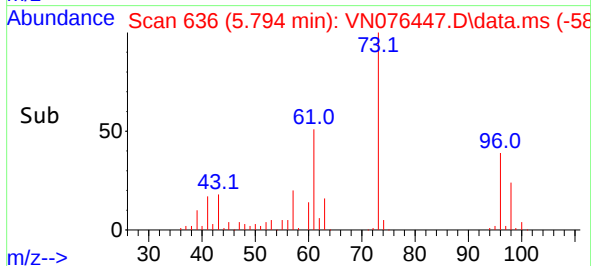


Tgt Ion: 96 Resp: 187475
Ion Ratio Lower Upper
96 100
61 128.5 97.0 145.4
98 61.7 51.9 77.9

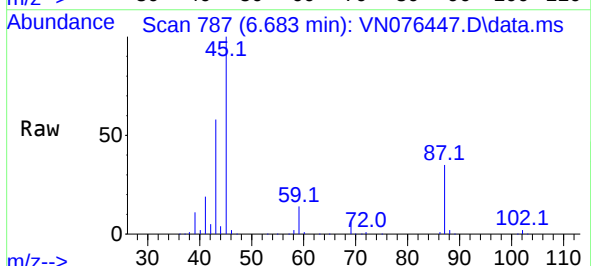
Manual Integrations

APPROVED

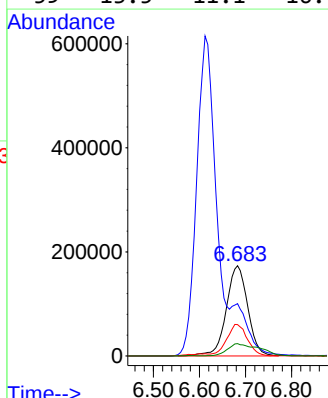
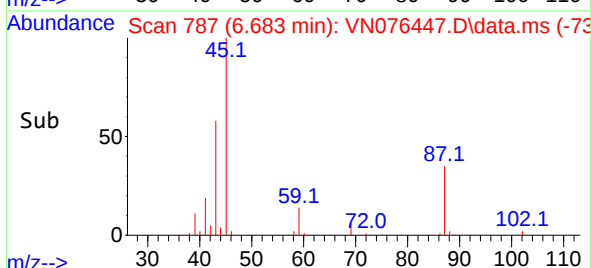
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

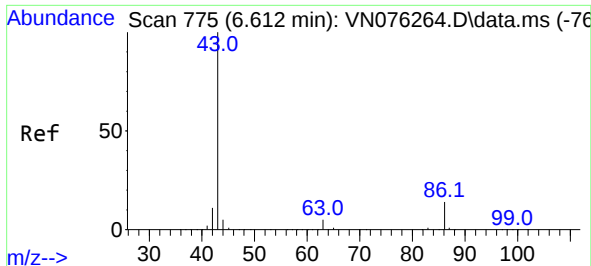


#22
Diisopropyl ether
Concen: 55.158 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



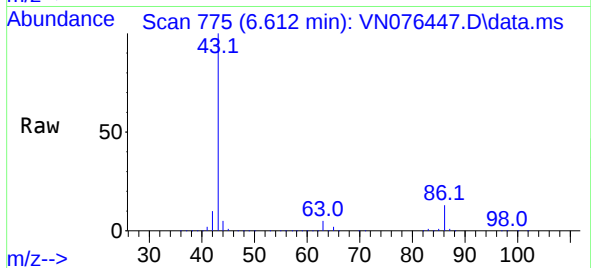
Tgt Ion: 45 Resp: 559744
Ion Ratio Lower Upper
45 100
43 56.6 44.4 66.6
87 34.5 28.4 42.6
59 13.5 11.1 16.7





#23
 Vinyl Acetate
 Concen: 270.834 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076447.D
 Acq: 30 Jan 2023 10:57

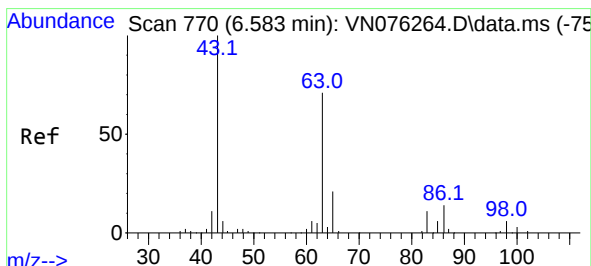
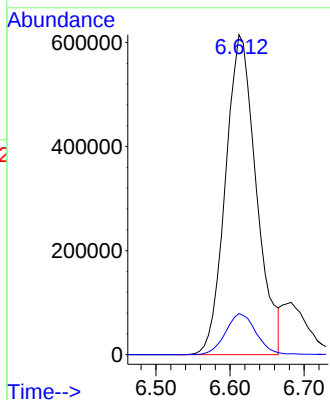
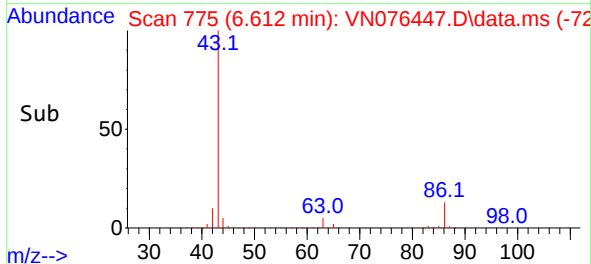
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



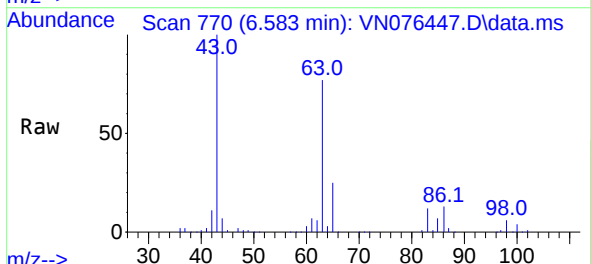
Tgt Ion: 43 Resp: 1776278
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.2 16.8

Manual Integrations
 APPROVED

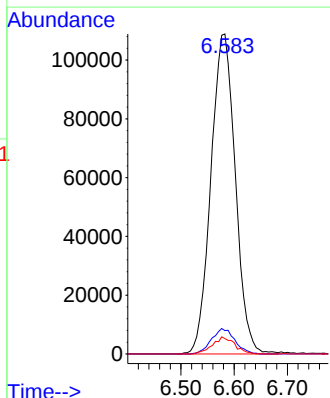
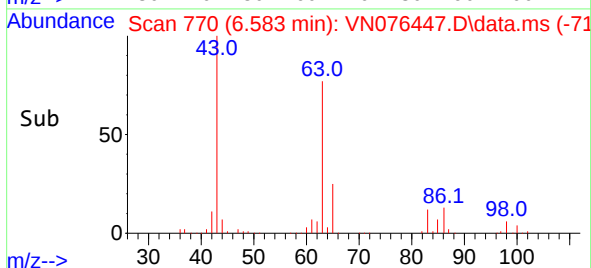
Reviewed By :John Carlone 01/31/2023
 Supervised By :Semsettin Yesilyurt 01/31/2023

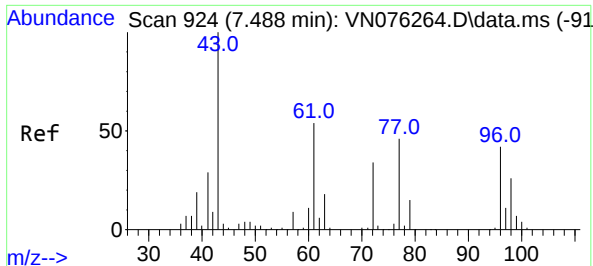


#24
 1,1-Dichloroethane
 Concen: 51.299 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076447.D
 Acq: 30 Jan 2023 10:57



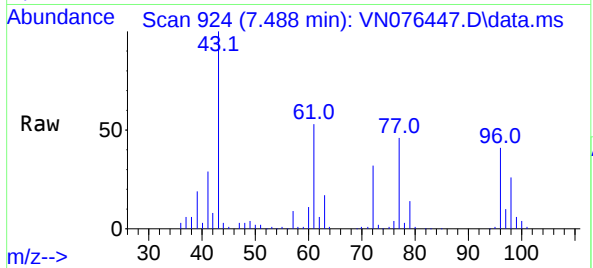
Tgt Ion: 63 Resp: 347004
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.8 2.2 6.6





#25
2-Butanone
Concen: 255.569 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

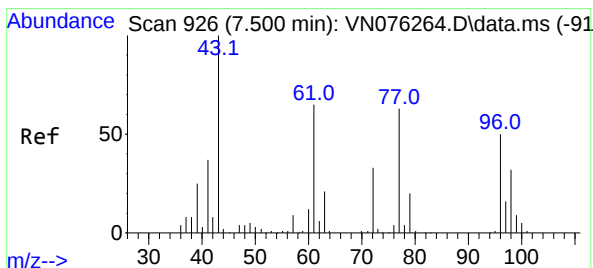
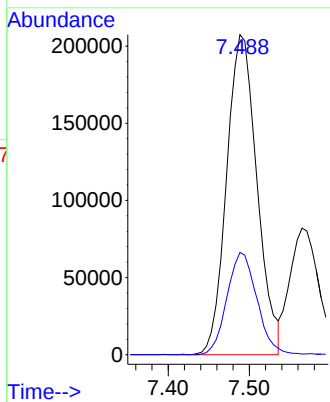
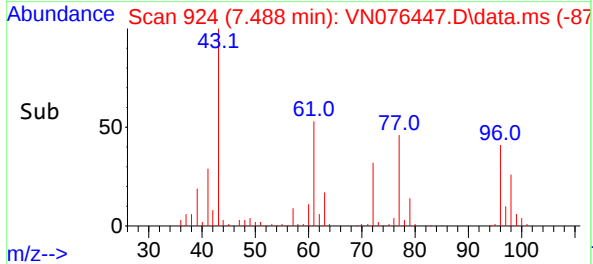
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



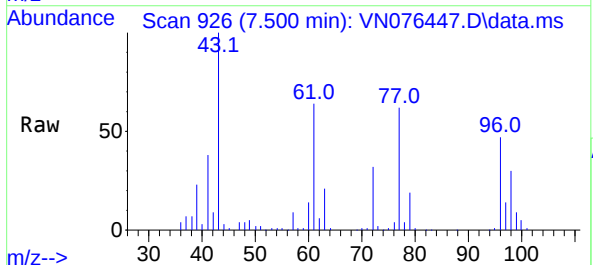
Tgt Ion: 43 Resp: 540134
Ion Ratio Lower Upper
43 100
72 31.9 27.4 41.2

Manual Integrations
APPROVED

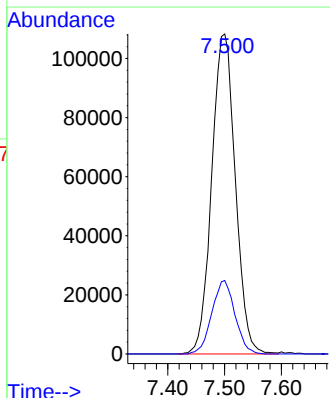
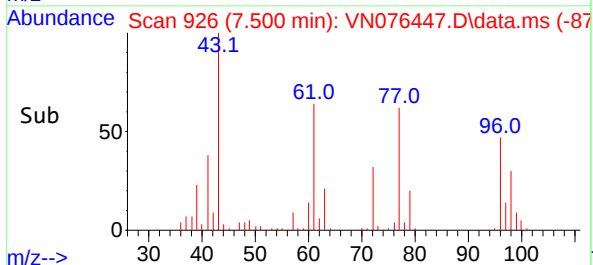
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

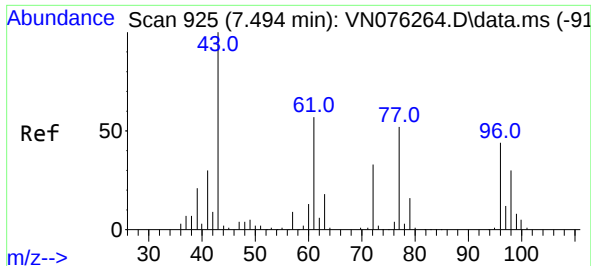


#26
2,2-Dichloropropane
Concen: 54.807 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



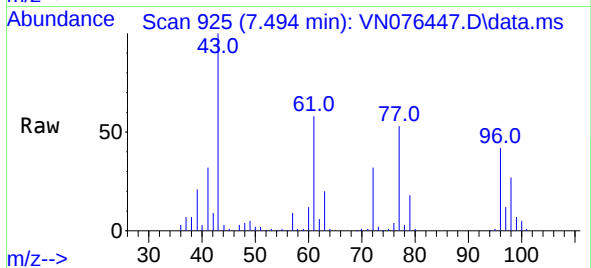
Tgt Ion: 77 Resp: 312466
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 50.005 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

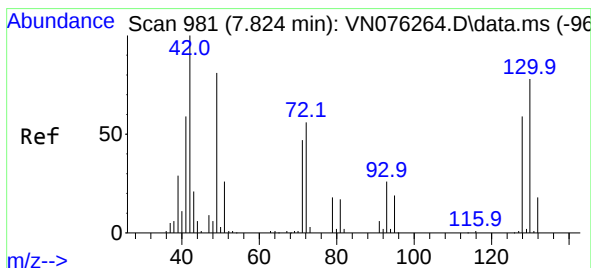
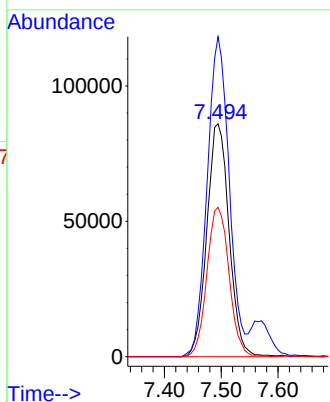
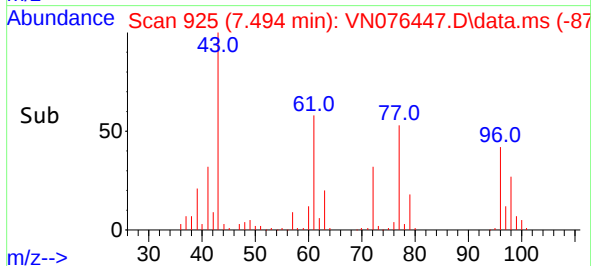
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



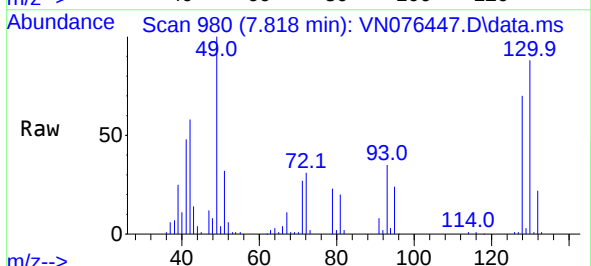
Tgt Ion: 96 Resp: 233310
Ion Ratio Lower Upper
96 100
61 135.4 0.0 259.6
98 64.2 0.0 129.4

Manual Integrations
APPROVED

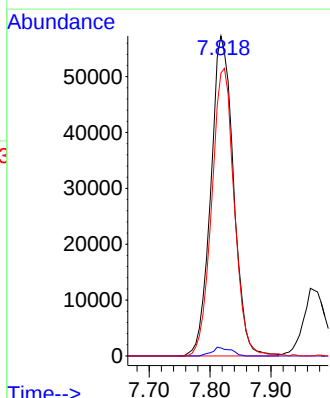
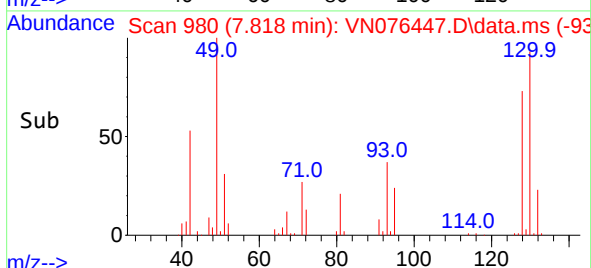
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

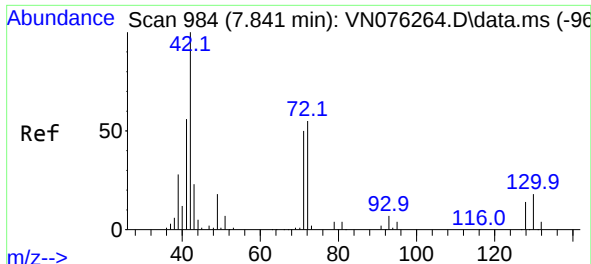


#28
Bromochloromethane
Concen: 54.055 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



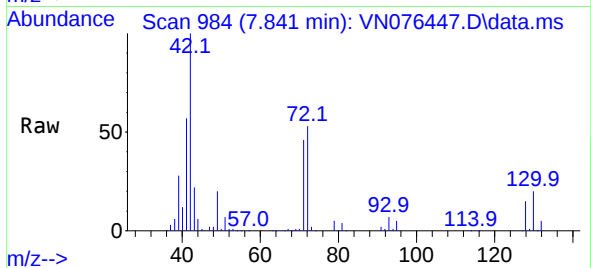
Tgt Ion: 49 Resp: 148205
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 89.1 76.0 114.0





#29
Tetrahydrofuran
Concen: 250.525 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

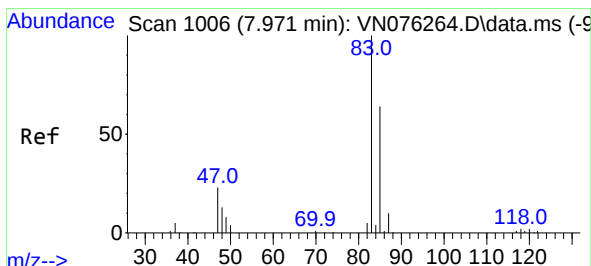
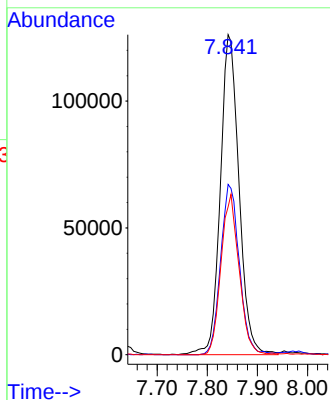
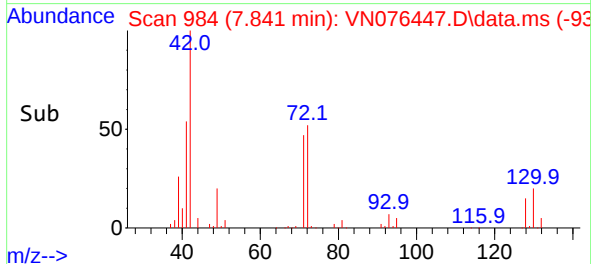
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 326783
Ion Ratio Lower Upper
42 100
72 53.3 44.0 66.0
71 48.4 41.1 61.7

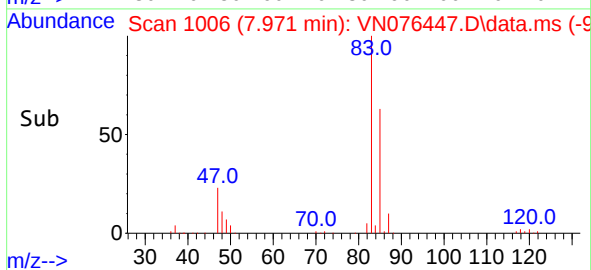
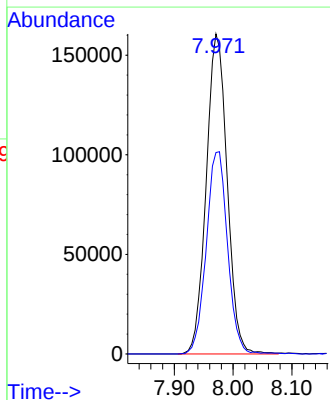
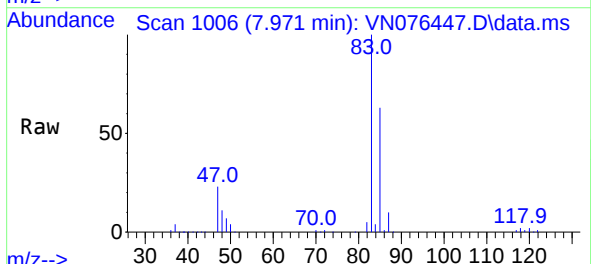
Manual Integrations
APPROVED

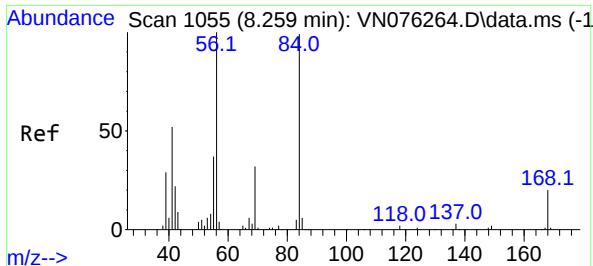
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#30
Chloroform
Concen: 53.037 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

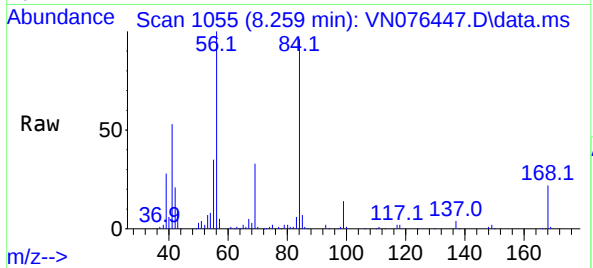
Tgt Ion: 83 Resp: 396974
Ion Ratio Lower Upper
83 100
85 62.9 51.0 76.6





#31
Cyclohexane
Concen: 43.392 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

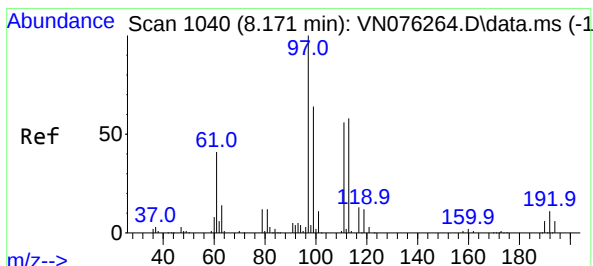
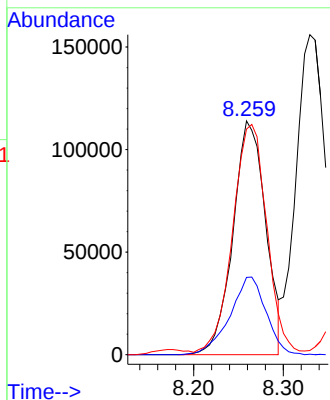
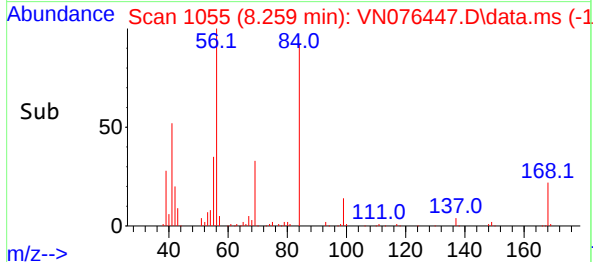
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



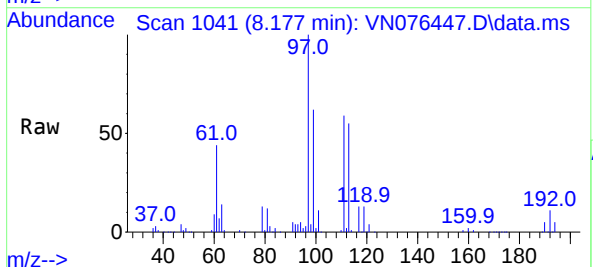
Tgt Ion: 56 Resp: 28773
Ion Ratio Lower Upper
56 100
69 33.1 25.8 38.8
84 94.5 79.0 118.4

Manual Integrations
APPROVED

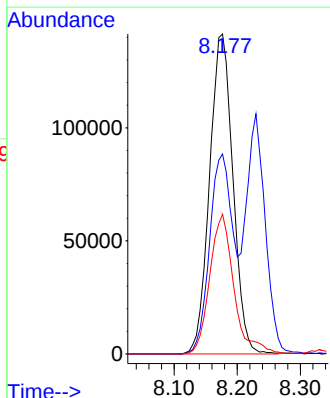
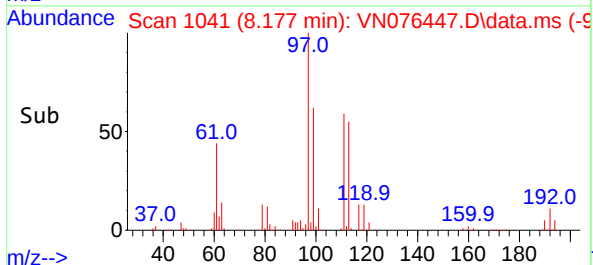
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

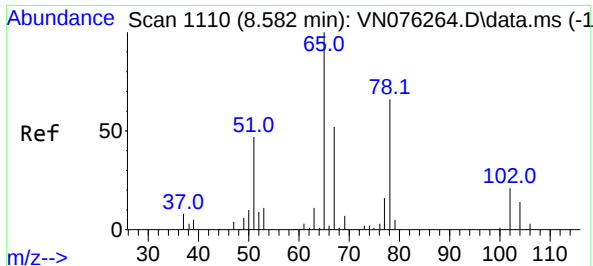


#32
1,1,1-Trichloroethane
Concen: 53.220 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion: 97 Resp: 363682
Ion Ratio Lower Upper
97 100
99 61.4 55.0 82.4
61 45.2 36.2 54.4





#33
1,2-Dichloroethane-d4
Concen: 53.468 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

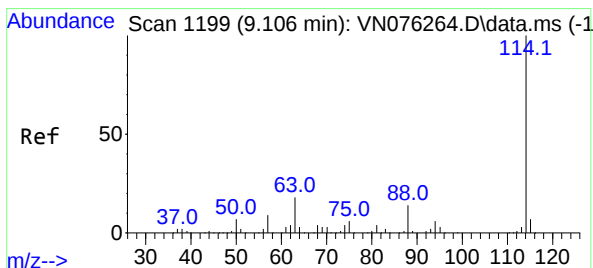
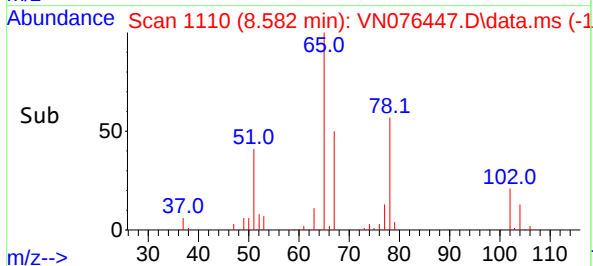
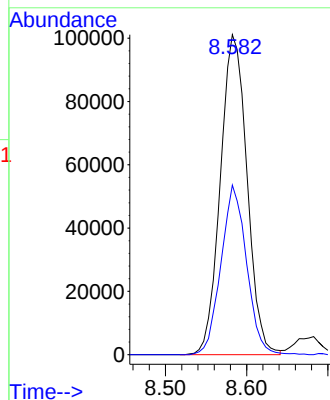
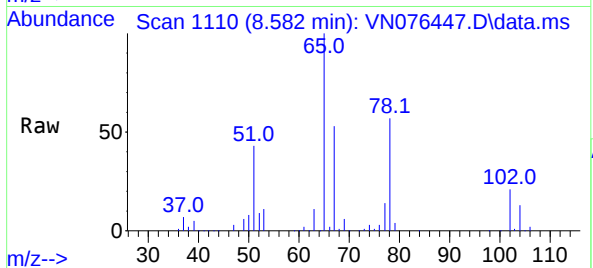
VSTDCCC050

Tgt Ion: 65 Resp: 23080
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6

Manual Integrations

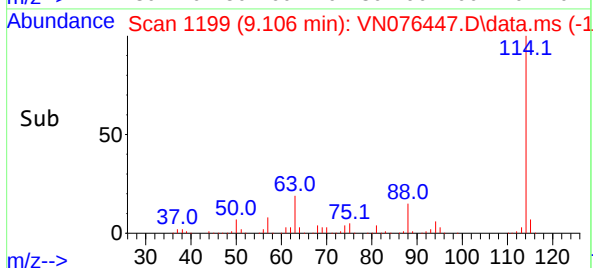
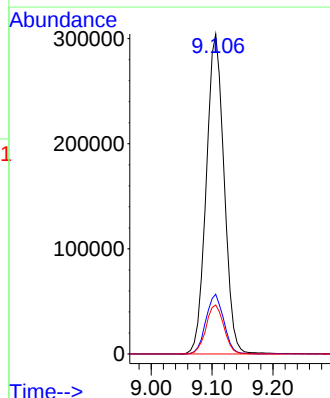
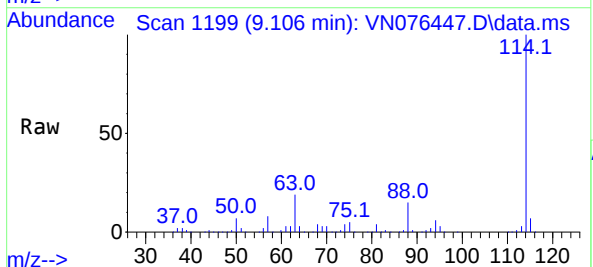
APPROVED

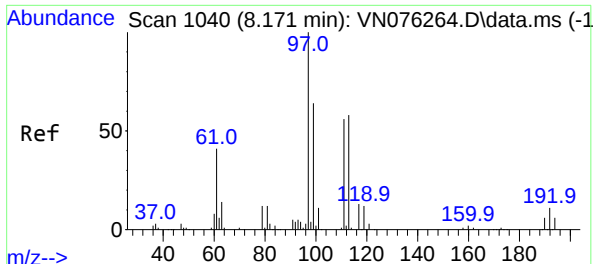
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

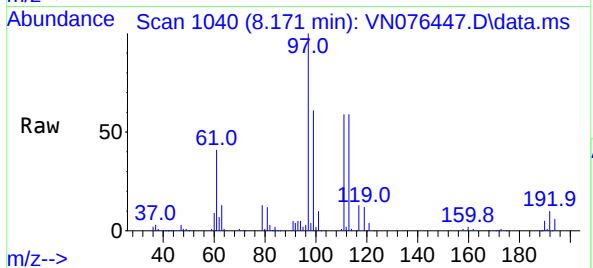
Tgt Ion:114 Resp: 618371
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.8
88 15.3 0.0 28.0





#35
Dibromofluoromethane
Concen: 50.952 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

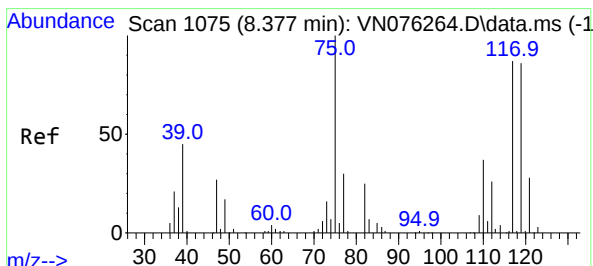
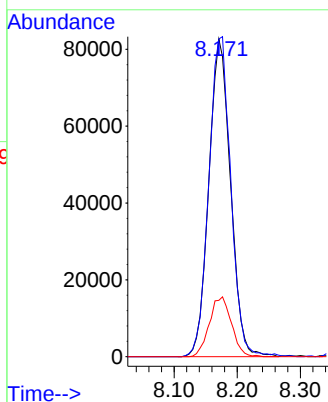
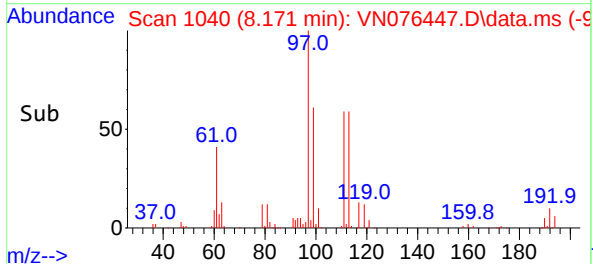
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



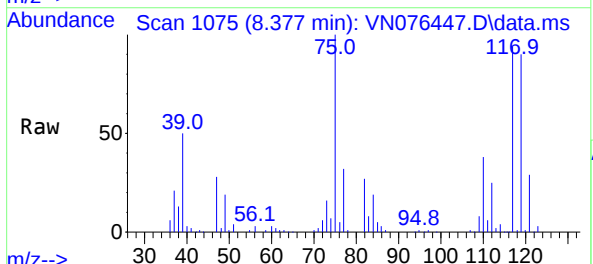
Tgt Ion:113 Resp: 197092
Ion Ratio Lower Upper
113 100
111 102.2 82.7 124.1
192 19.2 15.6 23.4

Manual Integrations
APPROVED

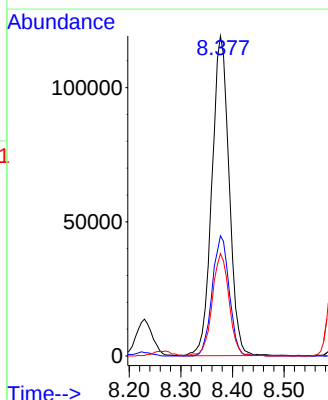
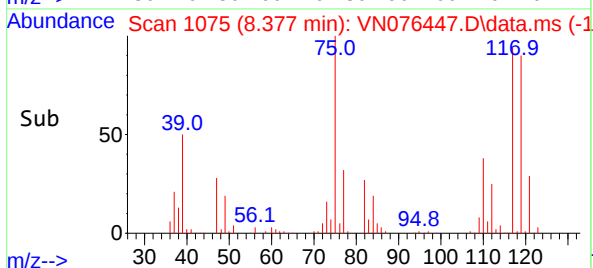
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

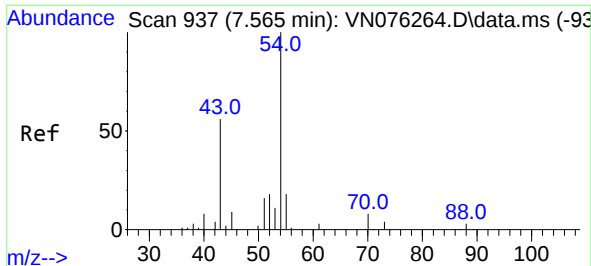


#36
1,1-Dichloropropene
Concen: 50.119 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion: 75 Resp: 275484
Ion Ratio Lower Upper
75 100
110 37.1 18.8 56.3
77 31.4 25.0 37.4





#37
Ethyl Acetate
Concen: 47.601 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

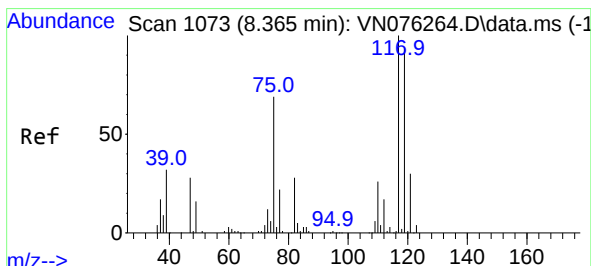
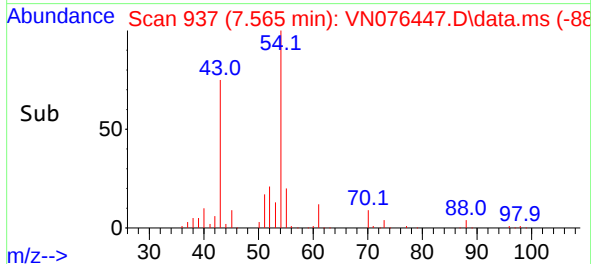
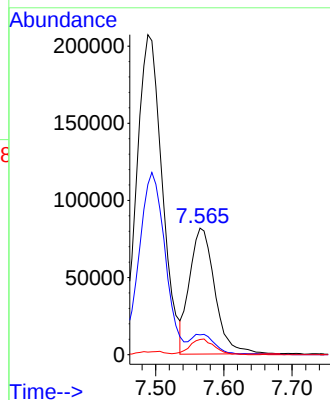
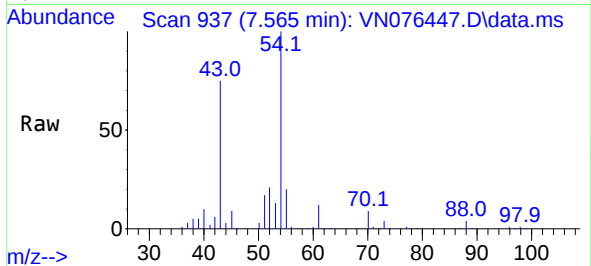
VSTDCCC050

Tgt Ion: 43 Resp: 20985
Ion Ratio Lower Upper
43 100
61 15.3 11.1 16.7
70 12.1 10.0 15.0

Manual Integrations

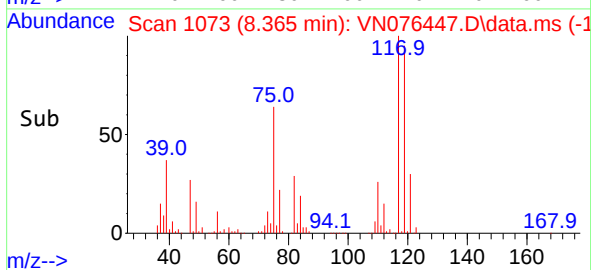
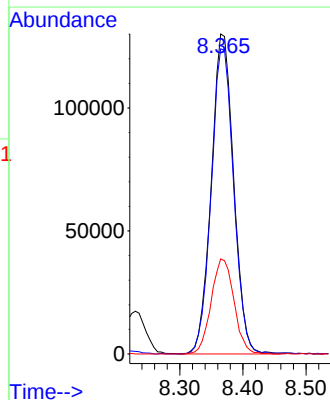
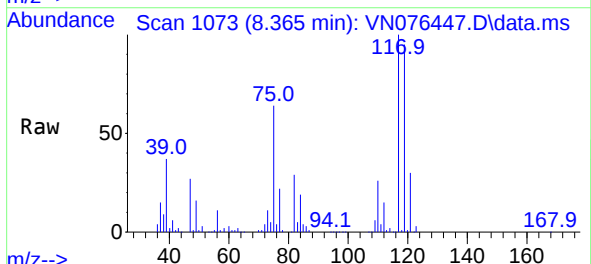
APPROVED

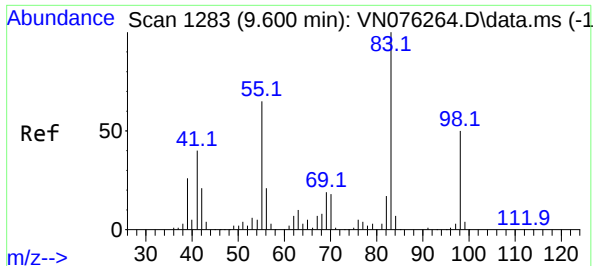
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#38
Carbon Tetrachloride
Concen: 52.255 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion:117 Resp: 320298
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.0
121 29.7 24.2 36.2





#39
Methylcyclohexane
Concen: 51.079 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

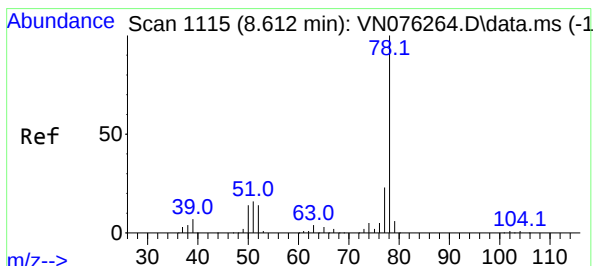
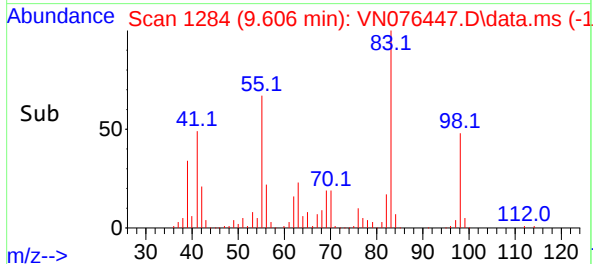
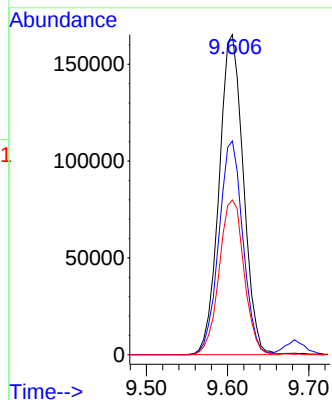
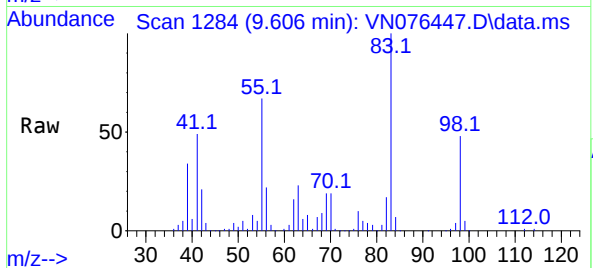
VSTDCCC050

Tgt Ion: 83 Resp: 34285
Ion Ratio Lower Upper
83 100
55 66.8 51.7 77.5
98 48.3 40.0 60.0

Manual Integrations

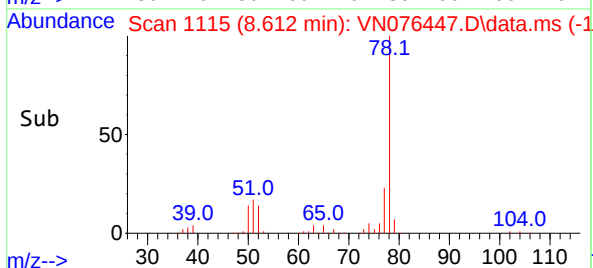
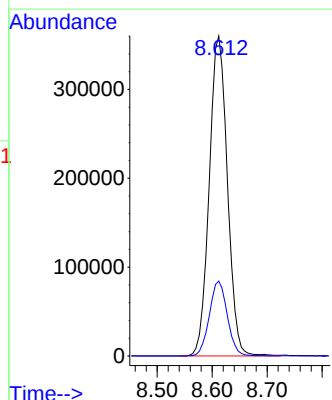
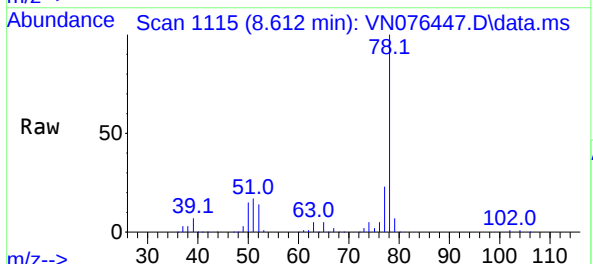
APPROVED

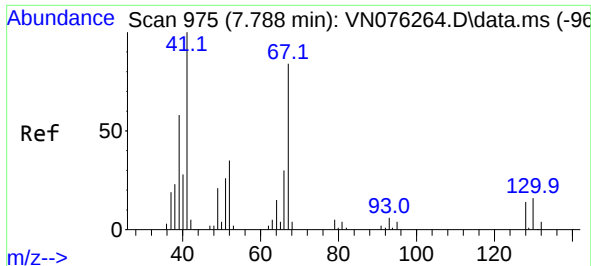
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#40
Benzene
Concen: 50.300 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

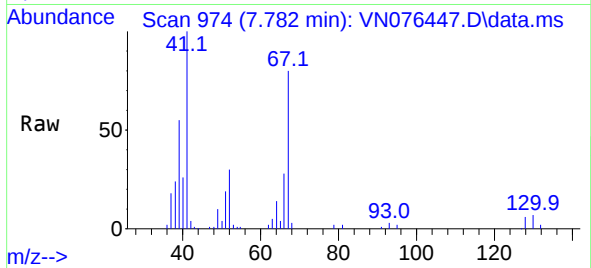
Tgt Ion: 78 Resp: 826718
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0





#41
Methacrylonitrile
Concen: 52.158 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

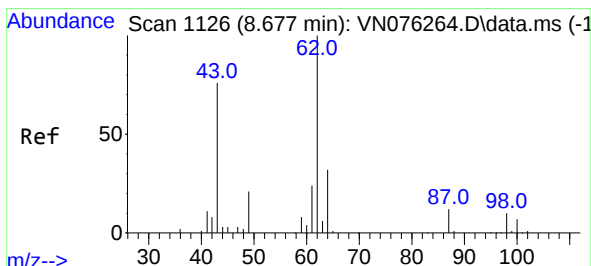
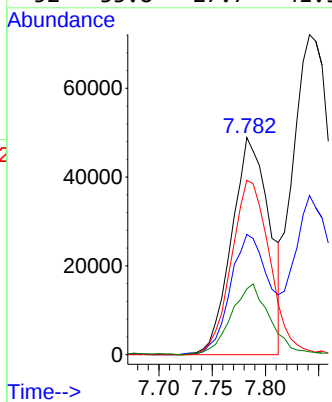
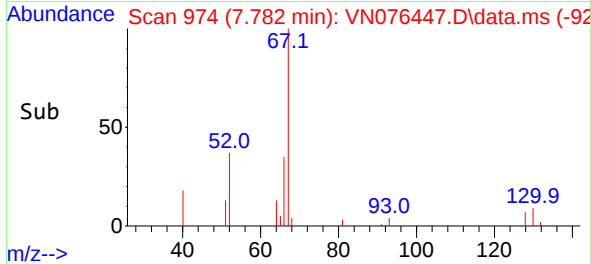
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 12040
Ion Ratio Lower Upper
41 100
39 56.7 42.4 63.6
67 82.8 68.8 103.2
52 33.8 27.7 41.5

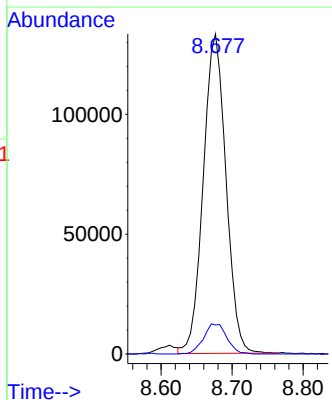
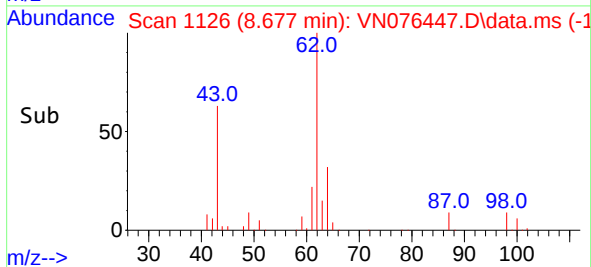
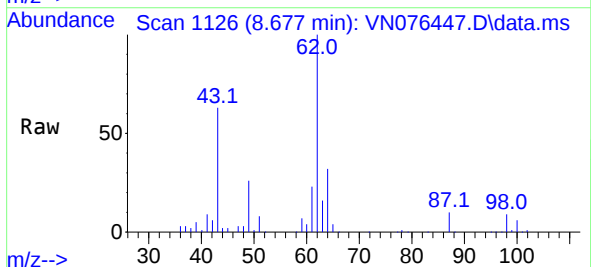
Manual Integrations
APPROVED

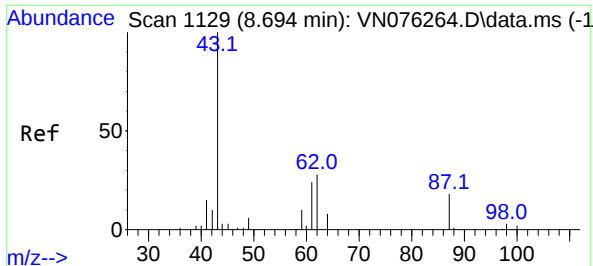
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#42
1,2-Dichloroethane
Concen: 52.731 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

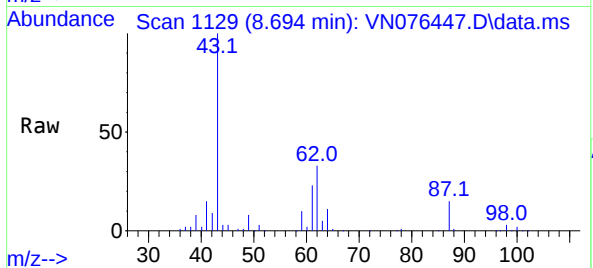
Tgt Ion: 62 Resp: 296530
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4





#43
Isopropyl Acetate
Concen: 51.606 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

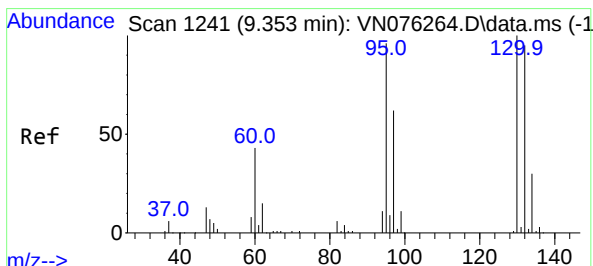
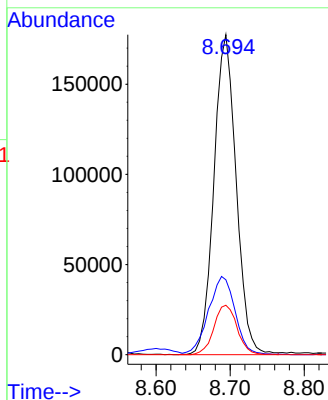
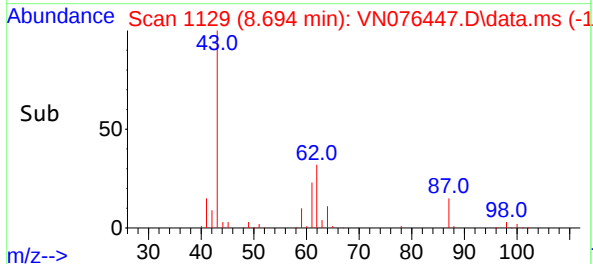
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



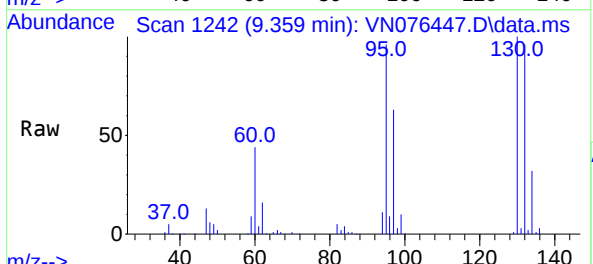
Tgt Ion: 43 Resp: 370124
Ion Ratio Lower Upper
43 100
61 29.3 23.5 35.3
87 16.1 13.8 20.6

Manual Integrations
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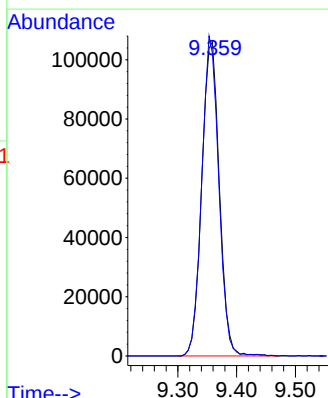
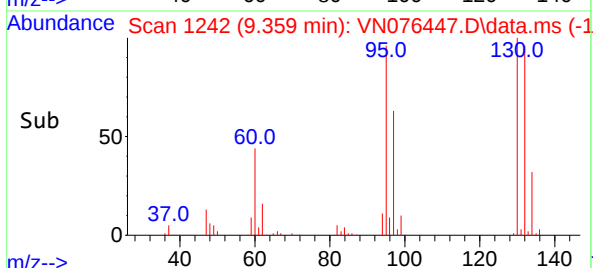
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

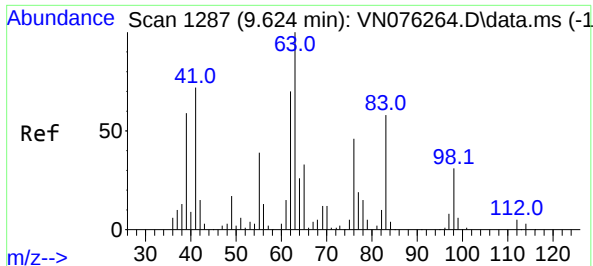


#44
Trichloroethene
Concen: 47.488 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



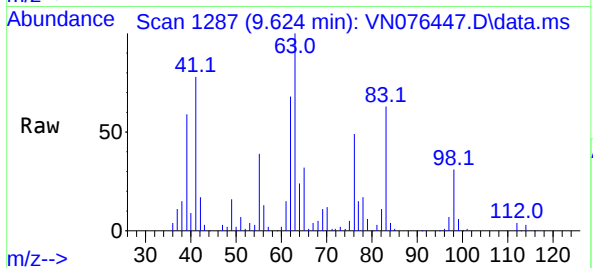
Tgt Ion:130 Resp: 220750
Ion Ratio Lower Upper
130 100
95 96.3 0.0 192.0





#45
1,2-Dichloropropane
Concen: 51.344 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

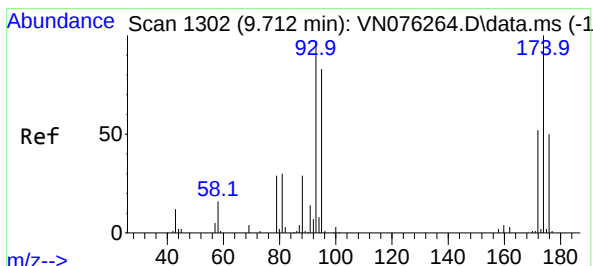
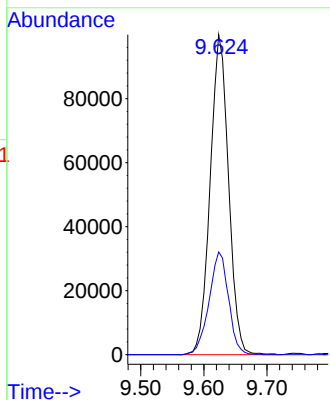
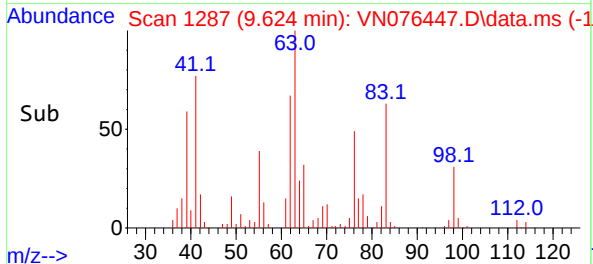
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 20204
Ion Ratio Lower Upper
63 100
65 32.1 26.4 39.6

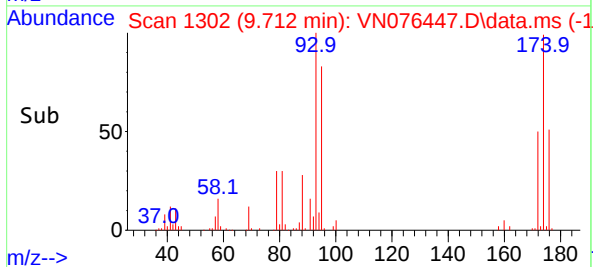
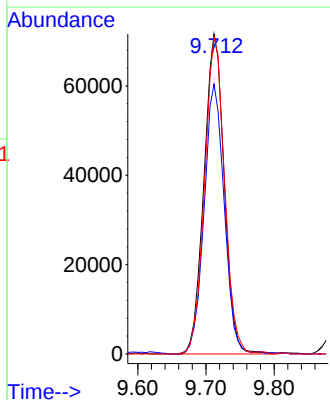
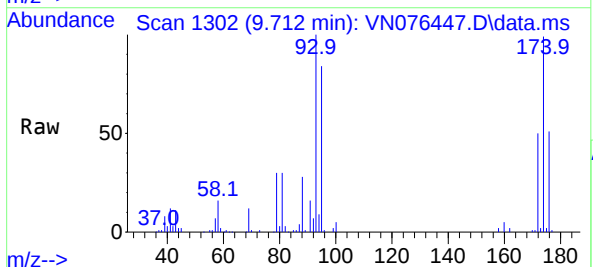
Manual Integrations
APPROVED

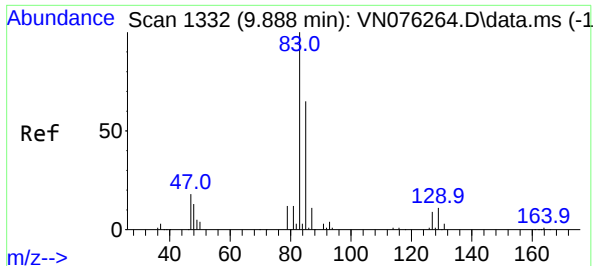
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#46
Dibromomethane
Concen: 49.757 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion: 93 Resp: 147828
Ion Ratio Lower Upper
93 100
95 83.9 66.0 99.0
174 97.8 81.3 121.9





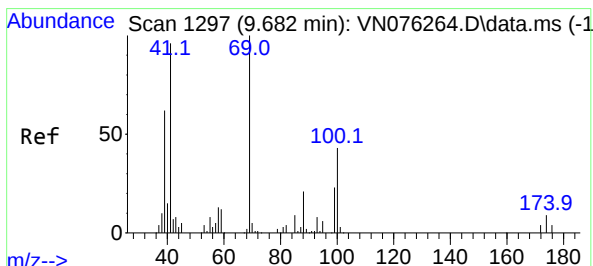
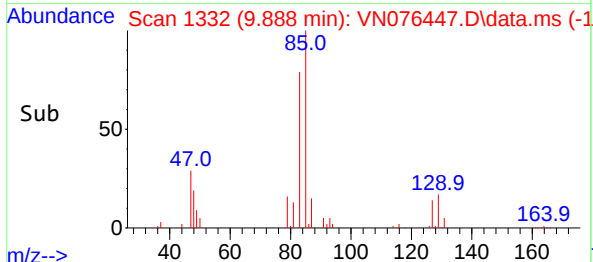
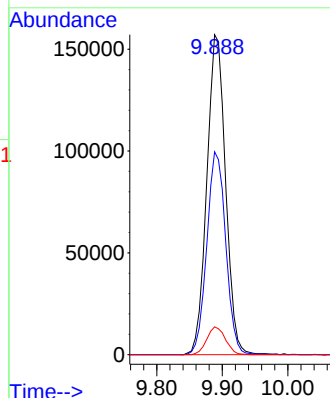
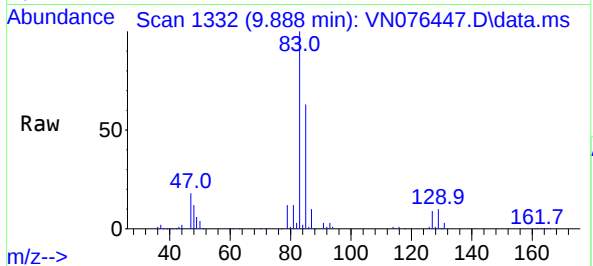
#47
Bromodichloromethane
Concen: 54.214 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 312397
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1
127 8.7 7.4 11.0

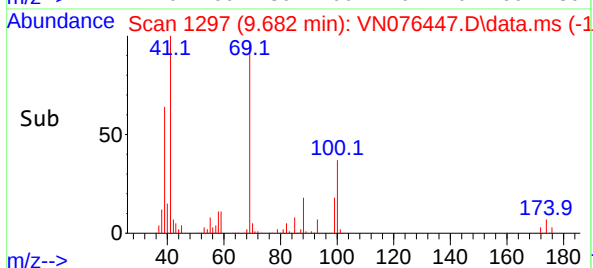
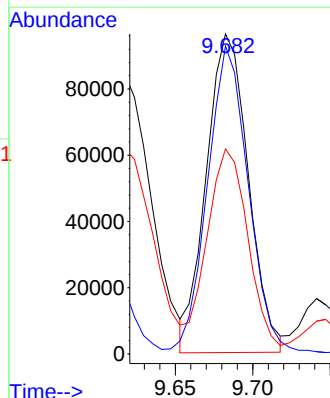
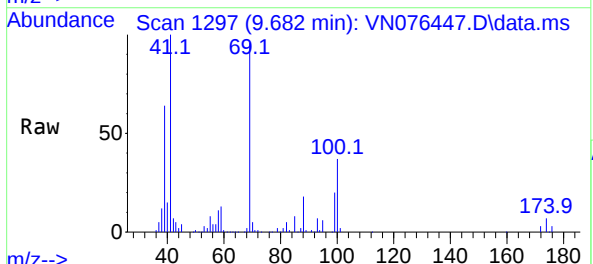
Manual Integrations
APPROVED

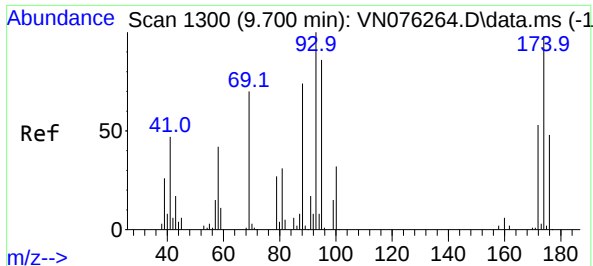
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#48
Methyl methacrylate
Concen: 53.382 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

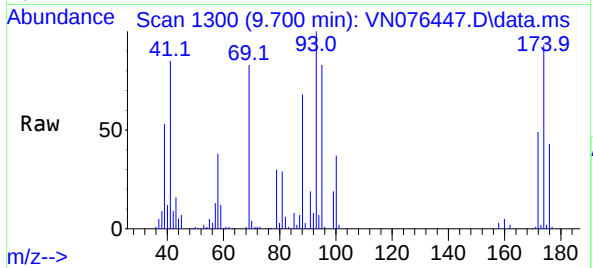
Tgt Ion: 41 Resp: 181255
Ion Ratio Lower Upper
41 100
69 94.2 80.8 121.2
39 63.6 54.4 81.6





#49
1,4-Dioxane
Concen: 957.521 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

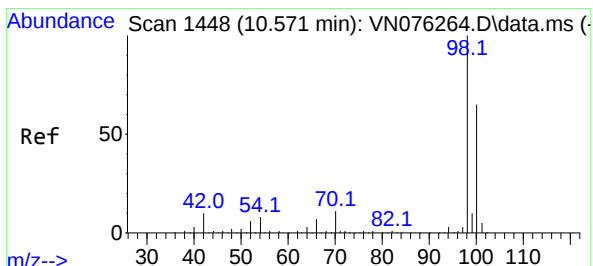
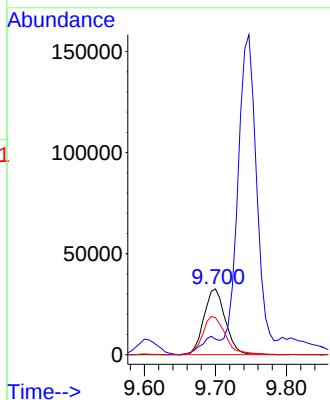
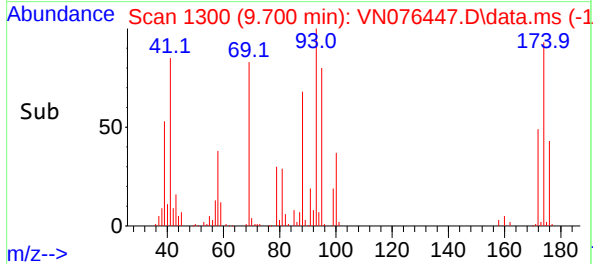
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



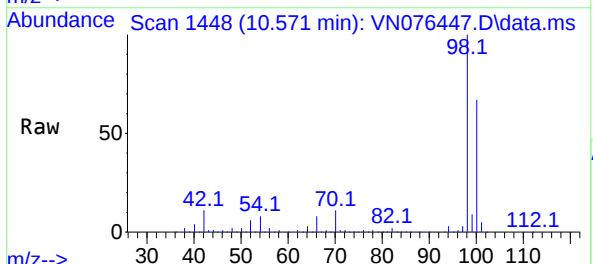
Tgt Ion: 88 Resp: 6860
Ion Ratio Lower Upper
88 100
43 23.3 18.1 27.1
58 61.6 46.5 69.7

Manual Integrations
APPROVED

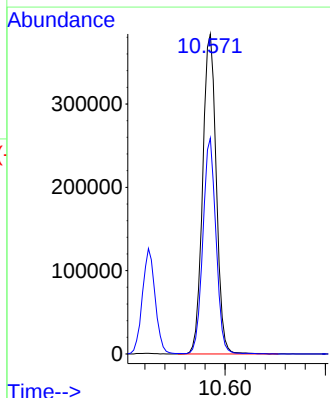
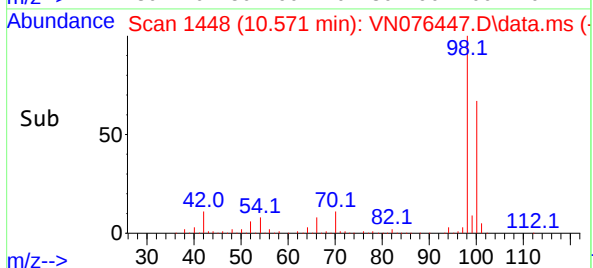
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

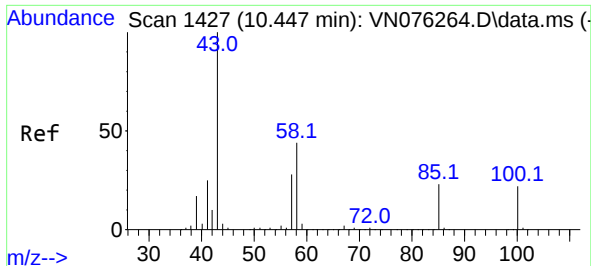


#50
Toluene-d8
Concen: 50.576 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion: 98 Resp: 722512
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





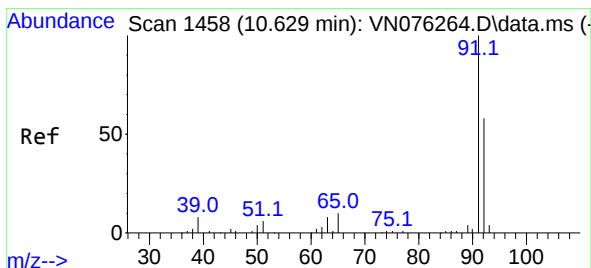
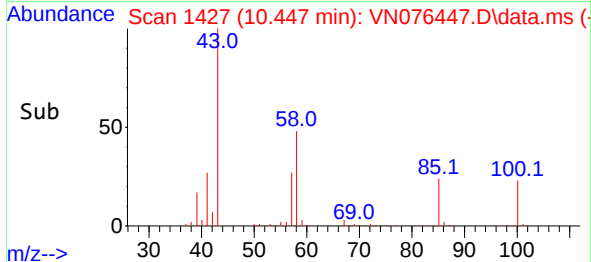
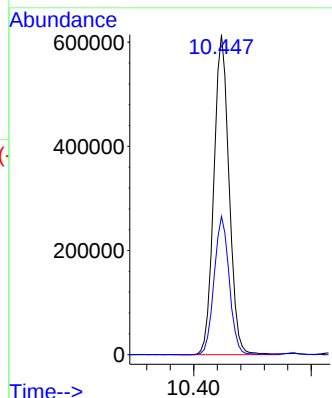
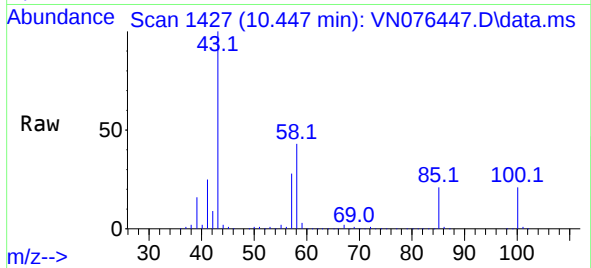
#51
4-Methyl-2-Pentanone
Concen: 262.121 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1103618
Ion Ratio Lower Upper
43 100
58 43.0 35.1 52.7

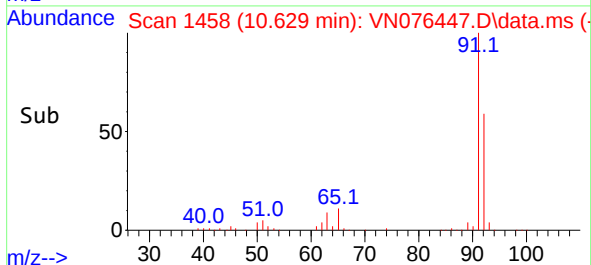
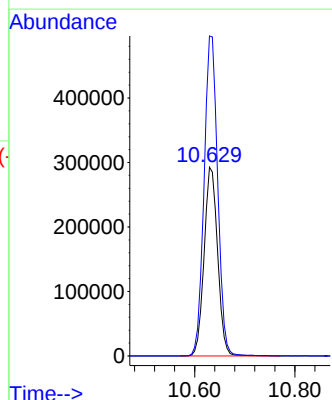
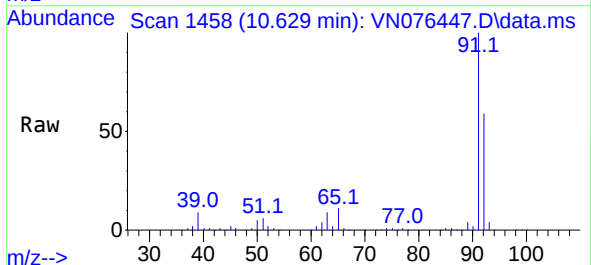
Manual Integrations
APPROVED

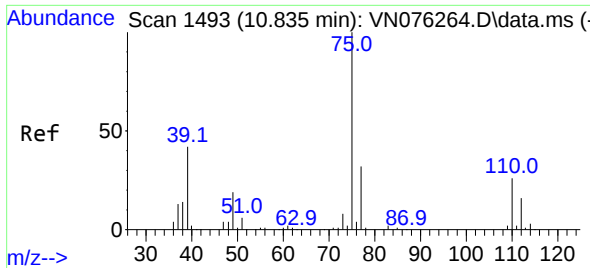
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#52
Toluene
Concen: 49.759 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion: 92 Resp: 546909
Ion Ratio Lower Upper
92 100
91 171.4 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 57.406 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

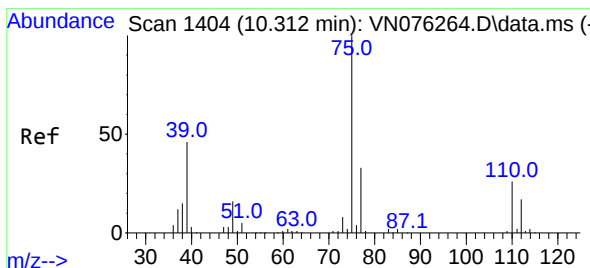
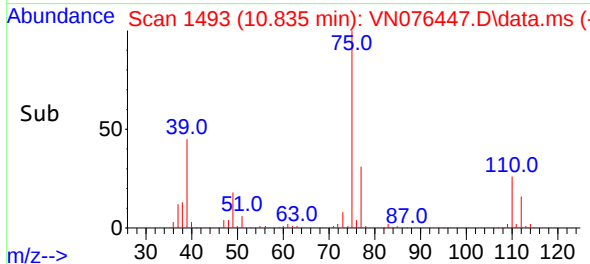
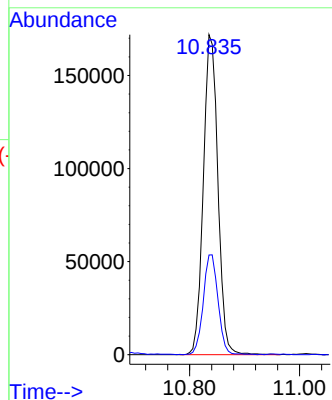
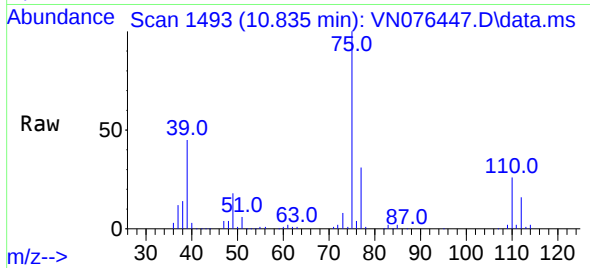
VSTDCCC050

Tgt Ion: 75 Resp: 31533
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6

Manual Integrations

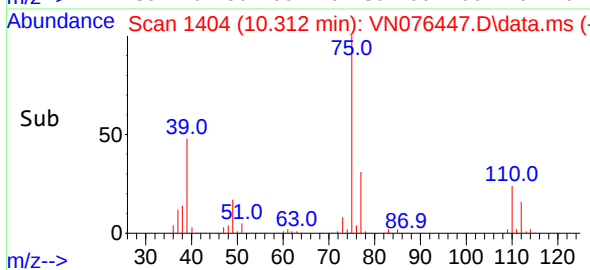
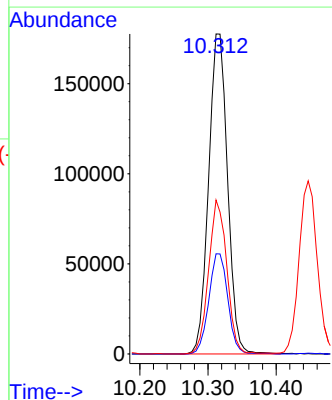
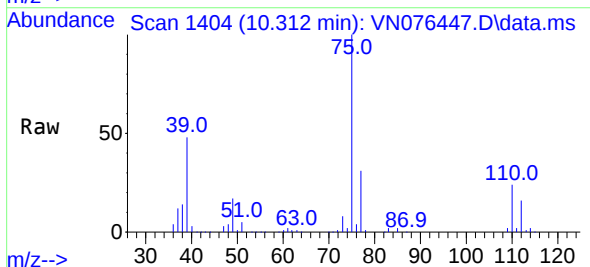
APPROVED

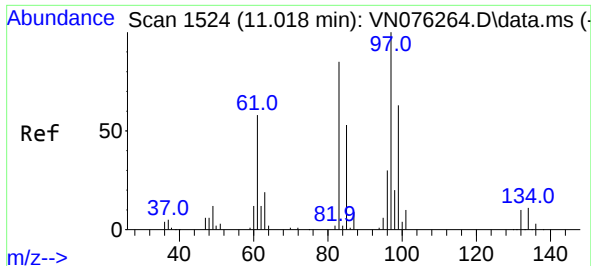
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#54
cis-1,3-Dichloropropene
Concen: 54.337 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion: 75 Resp: 343389
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7
39 48.1 37.1 55.7





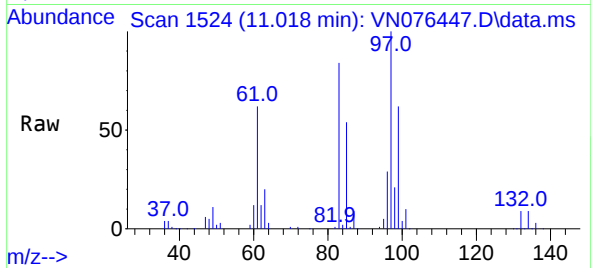
#55
1,1,2-Trichloroethane
Concen: 51.331 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

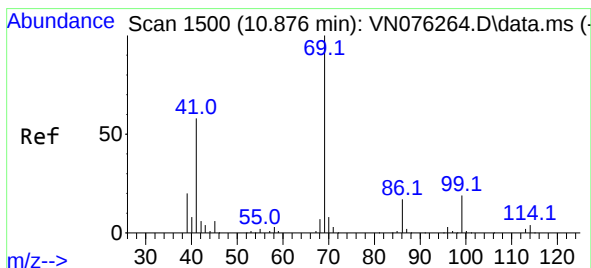
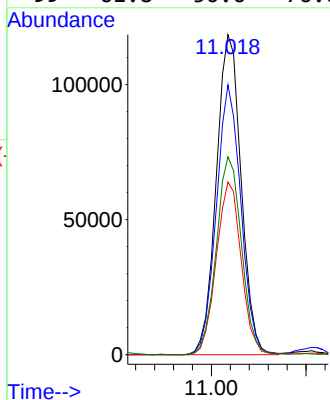
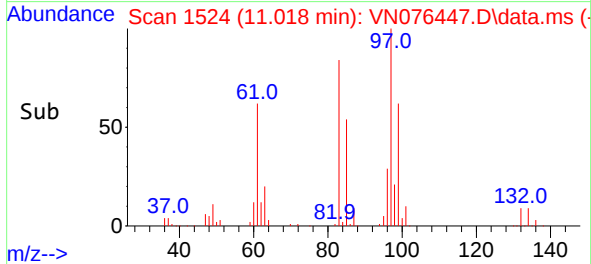


Tgt Ion: 97 Resp: 215652
Ion Ratio Lower Upper
97 100
83 84.3 67.8 101.6
85 53.9 42.3 63.5
99 61.8 50.6 76.0

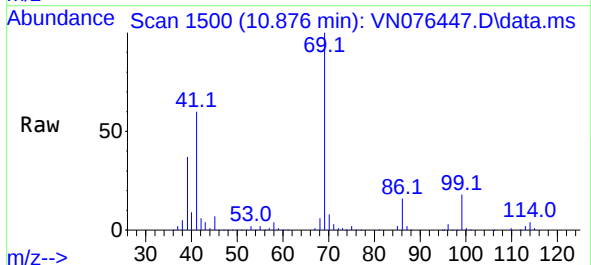
Manual Integrations

APPROVED

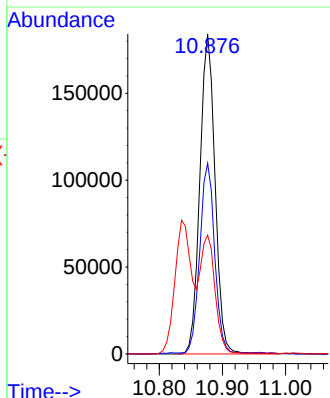
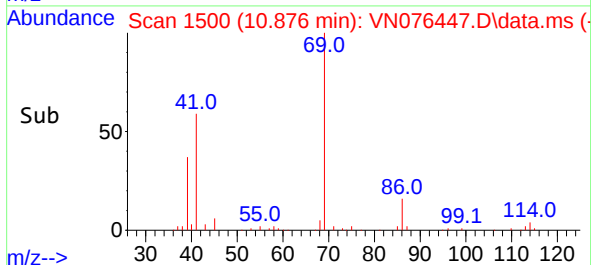
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

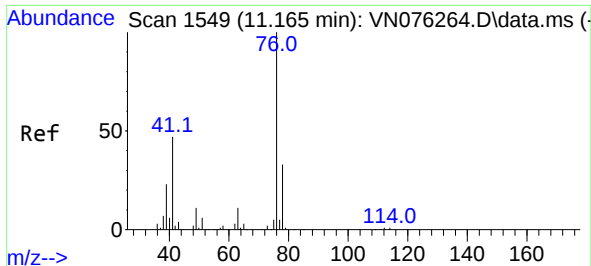


#56
Ethyl methacrylate
Concen: 56.686 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



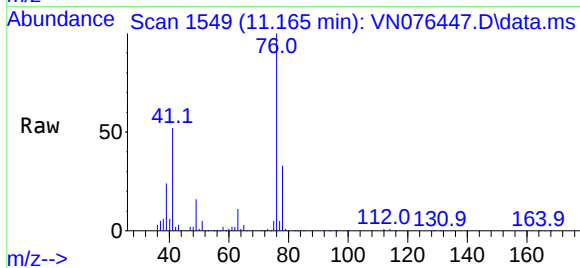
Tgt Ion: 69 Resp: 307454
Ion Ratio Lower Upper
69 100
41 57.9 45.3 67.9
39 35.1 29.3 43.9





#57
1,3-Dichloropropane
Concen: 52.085 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

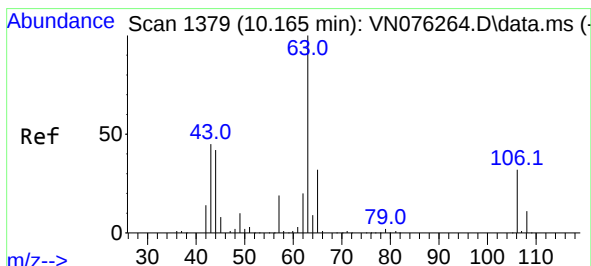
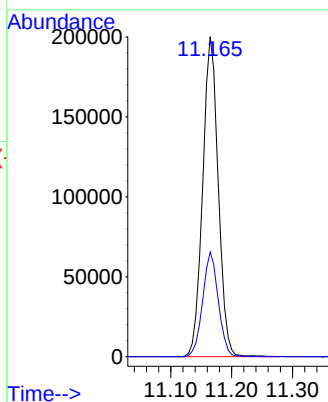
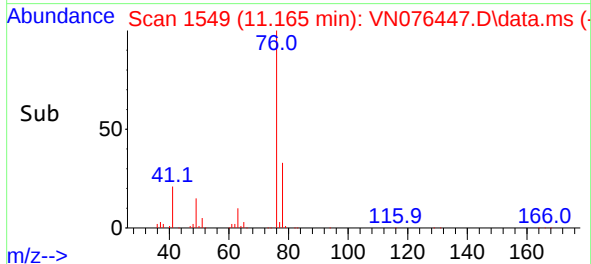
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 35560
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6

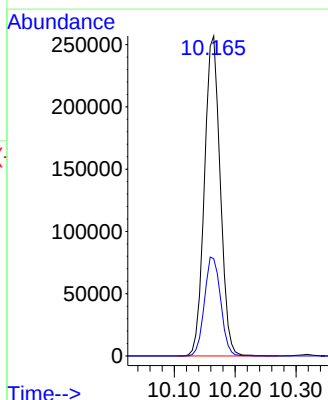
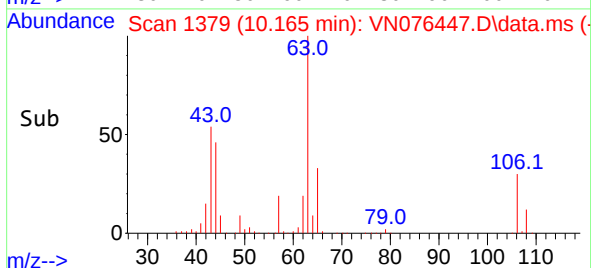
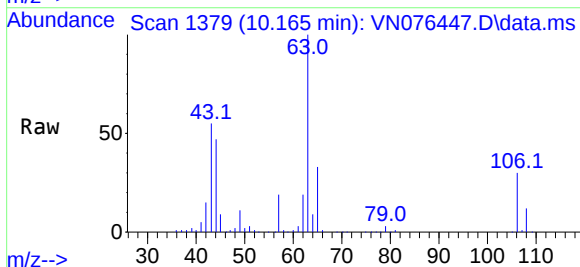
Manual Integrations
APPROVED

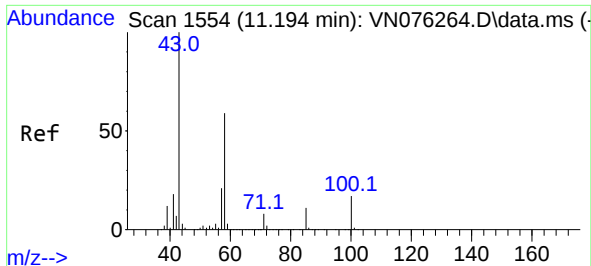
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 252.648 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion: 63 Resp: 462609
Ion Ratio Lower Upper
63 100
106 31.8 26.2 39.2





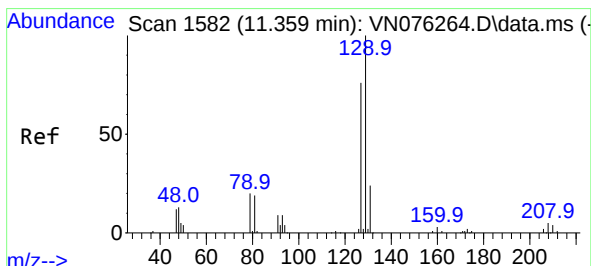
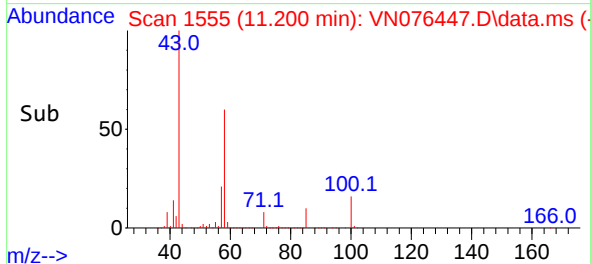
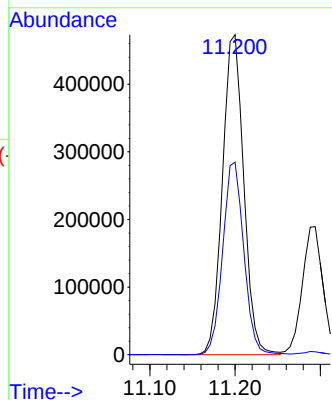
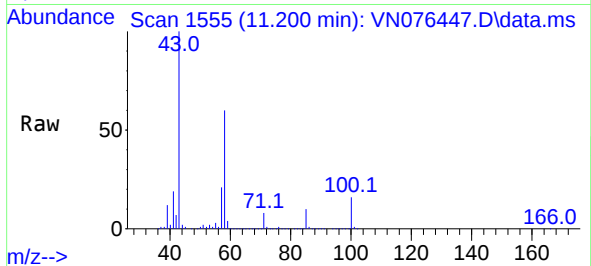
#59
2-Hexanone
Concen: 269.385 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 821908
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.3

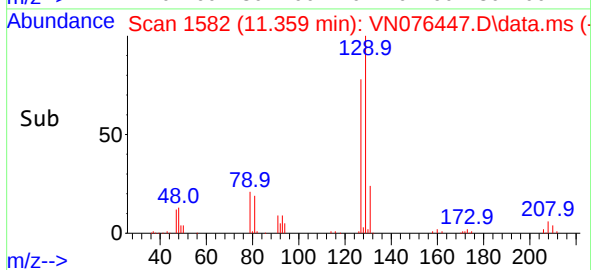
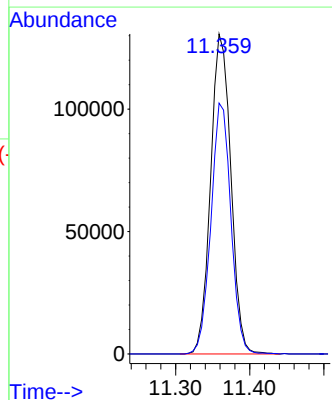
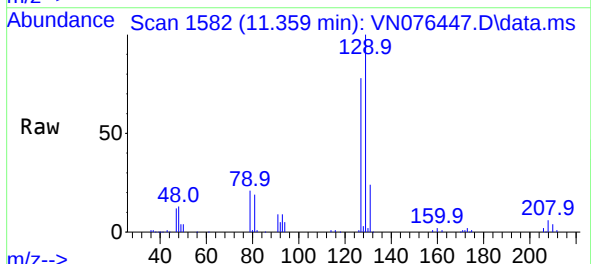
Manual Integrations
APPROVED

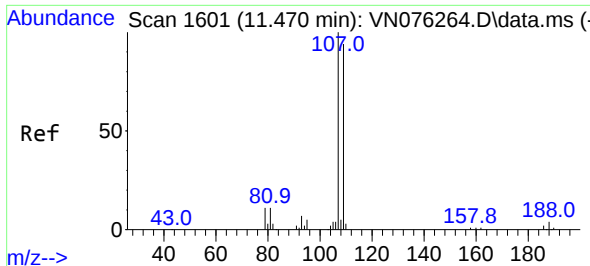
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#60
Dibromochloromethane
Concen: 56.075 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

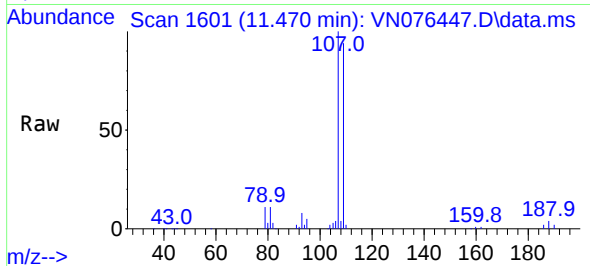
Tgt Ion:129 Resp: 247992
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 51.305 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

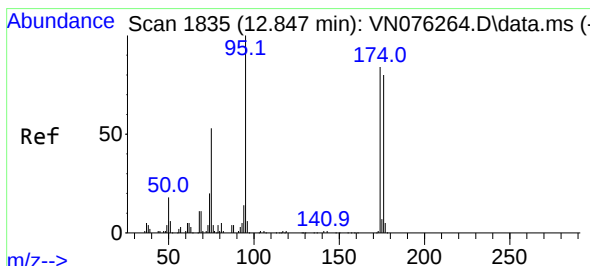
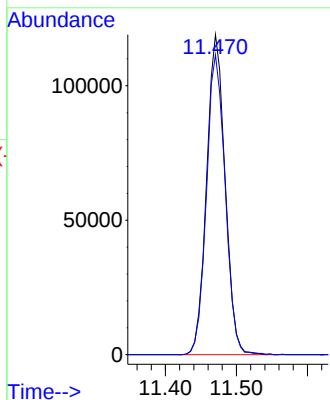
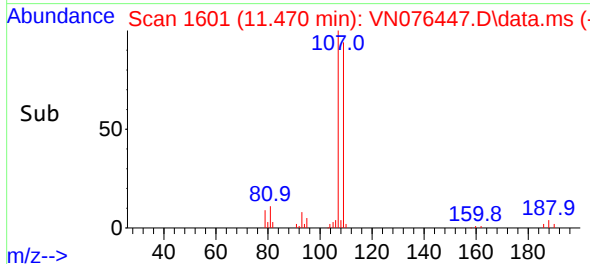
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



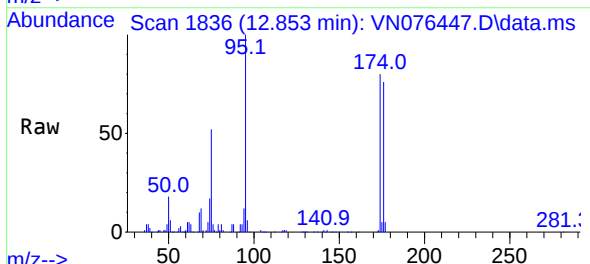
Tgt Ion:107 Resp: 215145
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

Manual Integrations
APPROVED

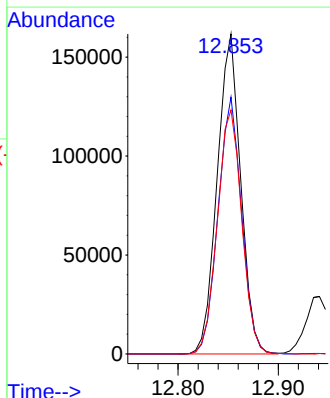
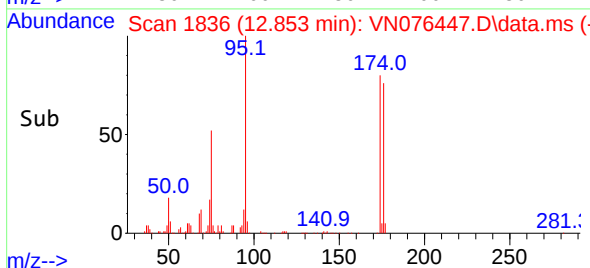
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

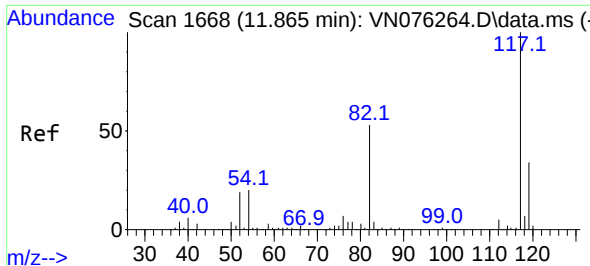


#62
4-Bromofluorobenzene
Concen: 56.319 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion: 95 Resp: 262650
Ion Ratio Lower Upper
95 100
174 80.5 0.0 174.6
176 79.2 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

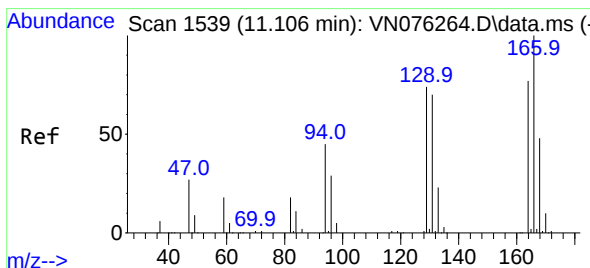
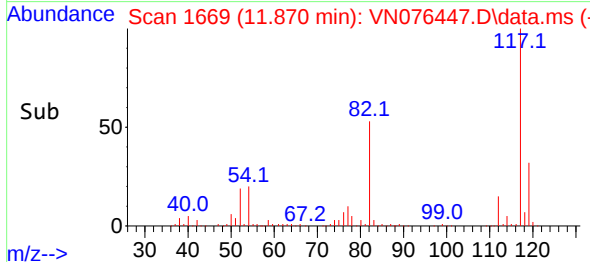
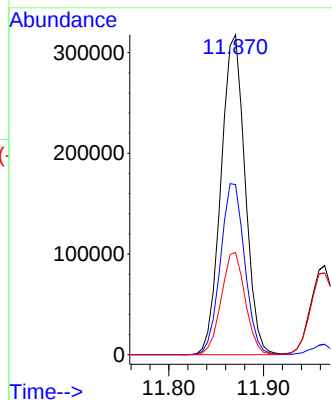
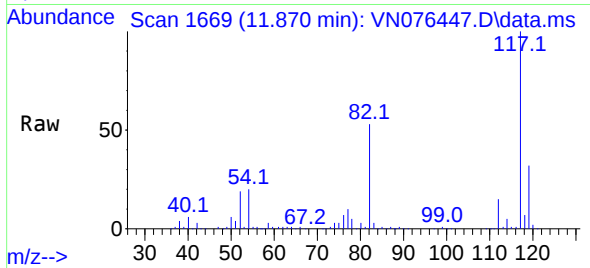
ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 56130
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 32.0 26.9 40.3

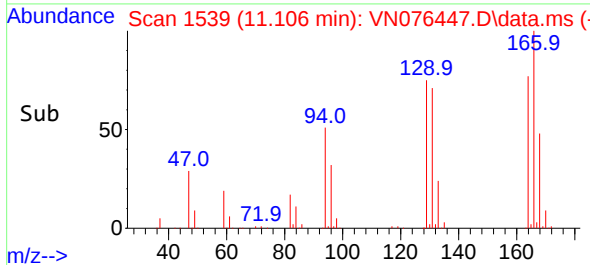
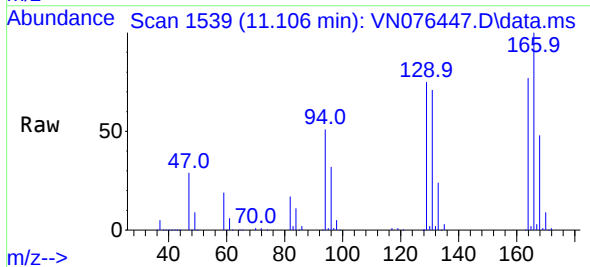
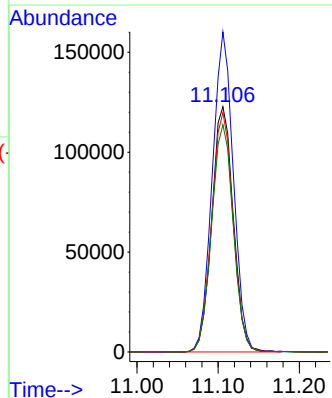
Manual Integrations
APPROVED

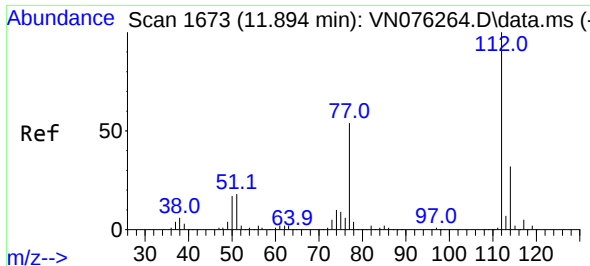
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#64
Tetrachloroethene
Concen: 44.565 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

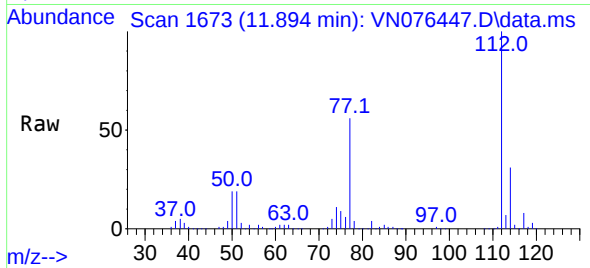
Tgt Ion:164 Resp: 225585
Ion Ratio Lower Upper
164 100
166 130.5 104.0 156.0
129 97.6 76.6 114.8
131 92.7 72.6 109.0





#65
Chlorobenzene
Concen: 49.727 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

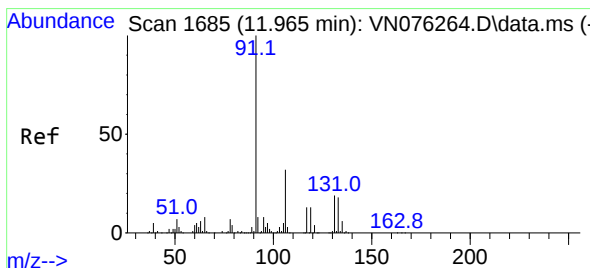
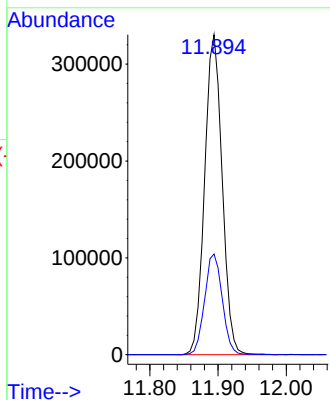
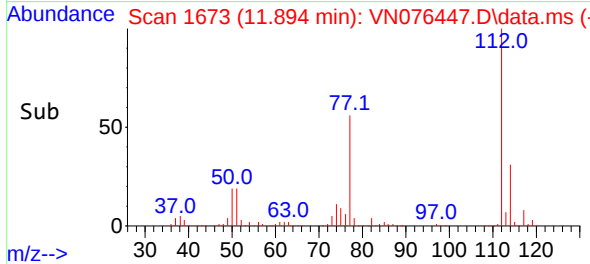
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



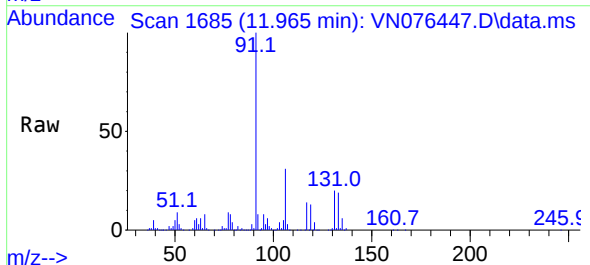
Tgt Ion:112 Resp: 590025
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

Manual Integrations
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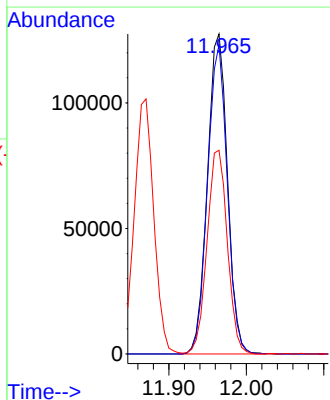
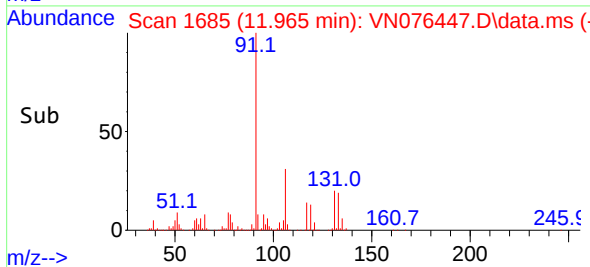
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

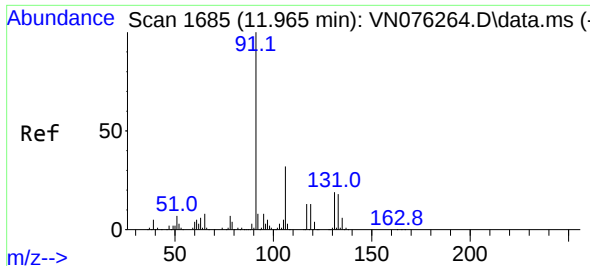


#66
1,1,1,2-Tetrachloroethane
Concen: 51.917 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion:131 Resp: 229194
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 64.4 32.3 96.8





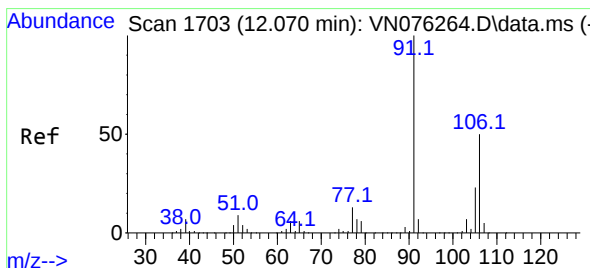
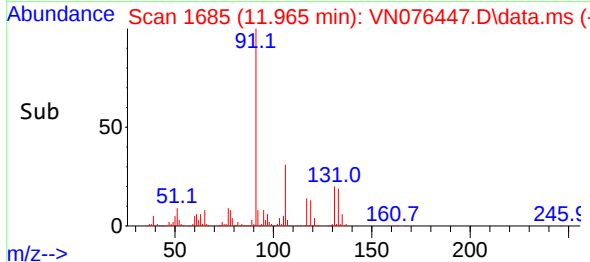
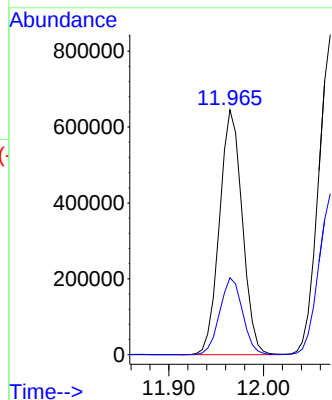
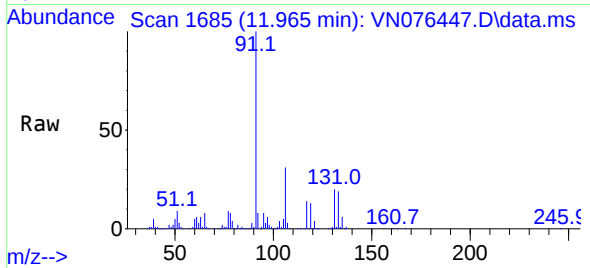
#67
Ethyl Benzene
Concen: 53.236 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1081074
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

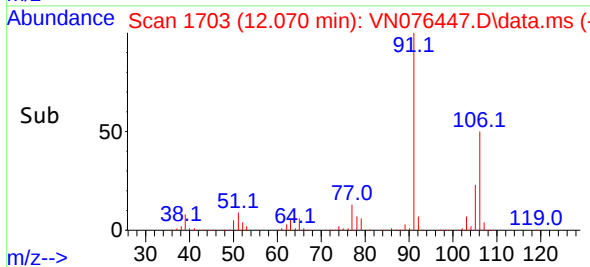
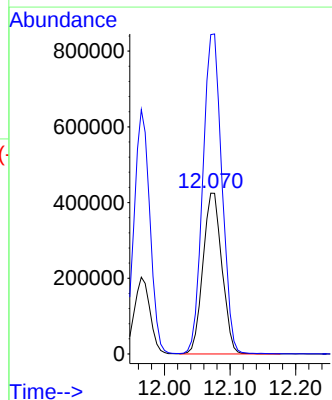
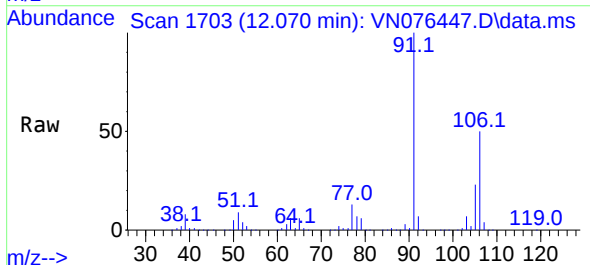
Manual Integrations
APPROVED

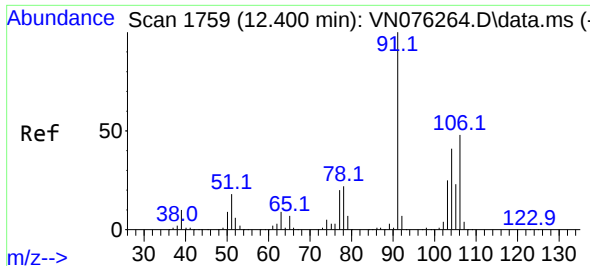
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#68
m/p-Xylenes
Concen: 105.167 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion:106 Resp: 856360
Ion Ratio Lower Upper
106 100
91 199.7 157.5 236.3





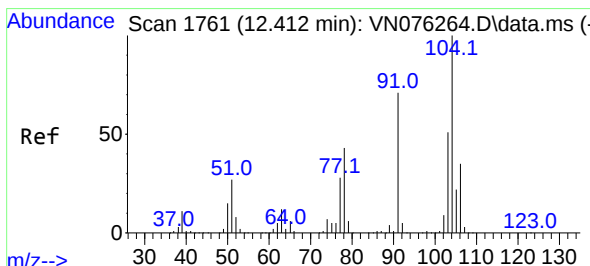
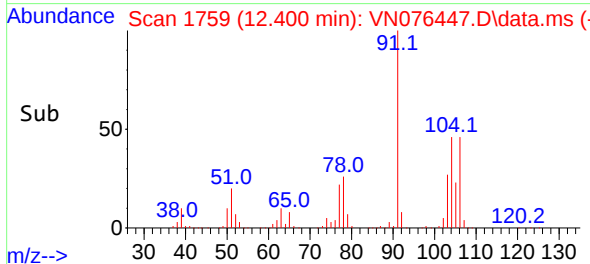
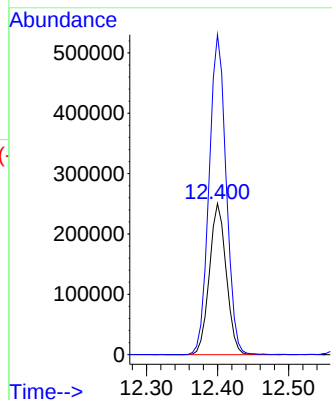
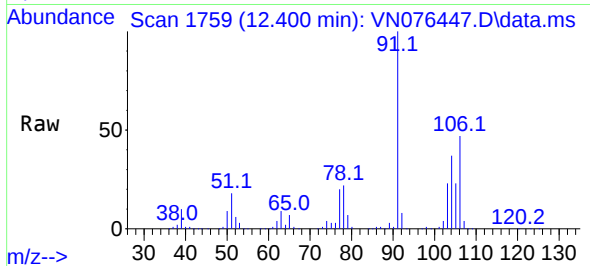
#69
o-Xylene
Concen: 51.686 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 413310
Ion Ratio Lower Upper
106 100
91 214.5 103.2 309.4

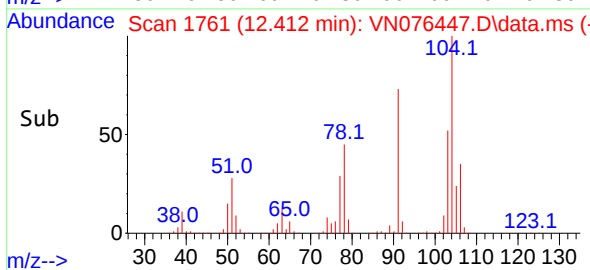
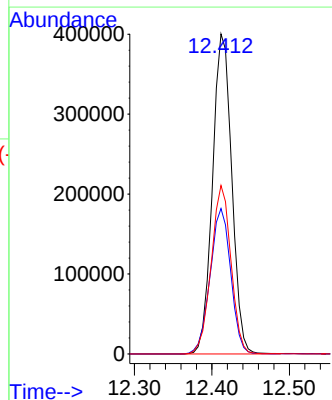
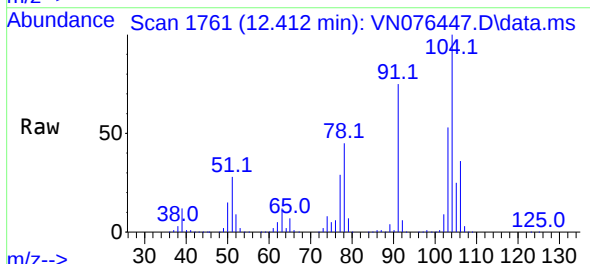
Manual Integrations
APPROVED

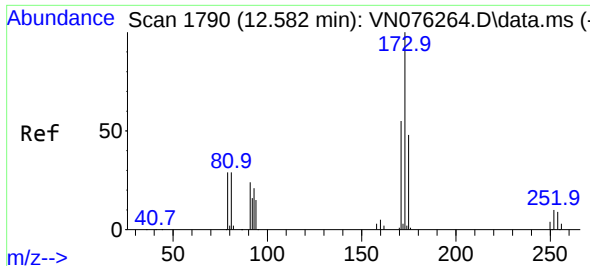
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#70
Styrene
Concen: 54.225 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

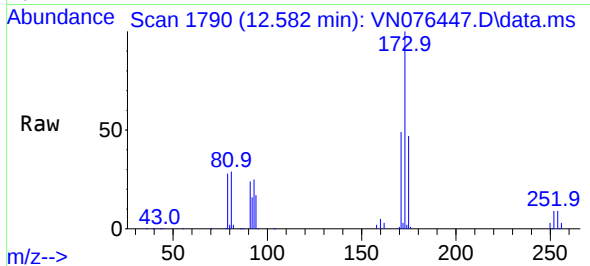
Tgt Ion:104 Resp: 692357
Ion Ratio Lower Upper
104 100
78 48.5 37.4 56.0
103 54.0 44.2 66.2





#71
Bromoform
Concen: 53.772 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

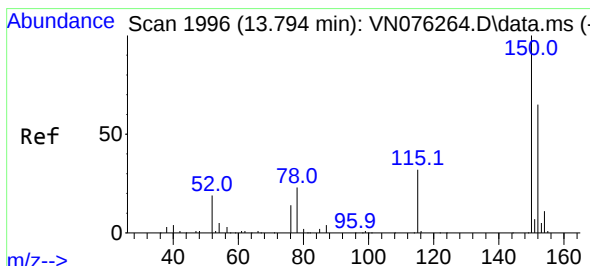
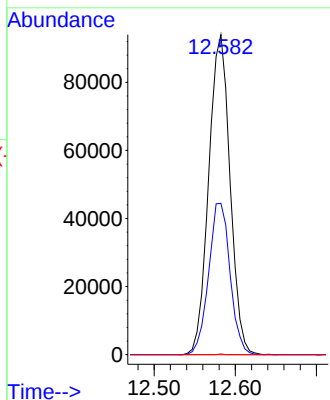
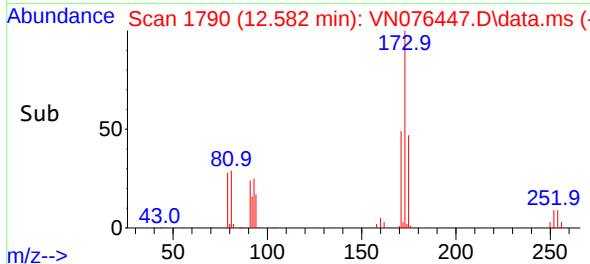
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



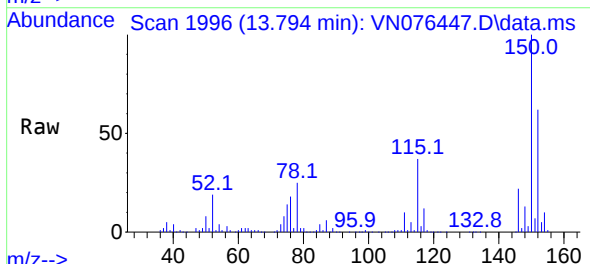
Tgt Ion:173 Resp: 17143
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
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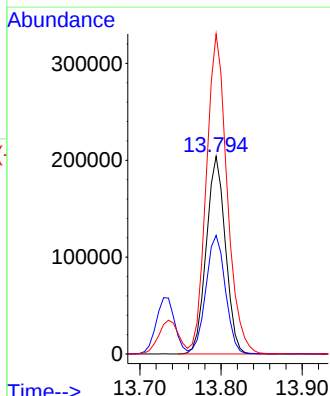
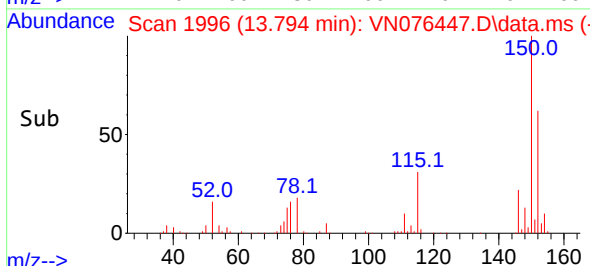
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

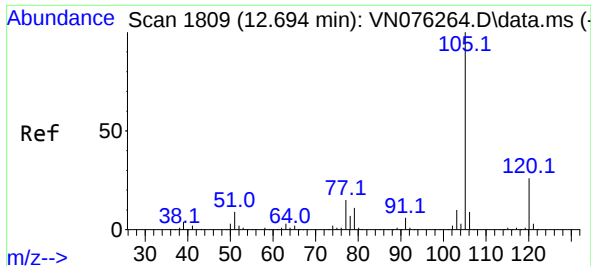


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



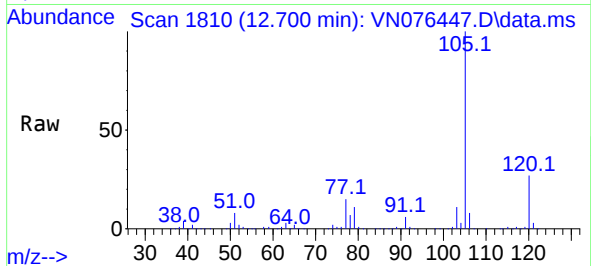
Tgt Ion:152 Resp: 333610
Ion Ratio Lower Upper
152 100
115 61.4 29.6 88.9
150 175.9 0.0 351.4





#73
Isopropylbenzene
Concen: 42.955 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

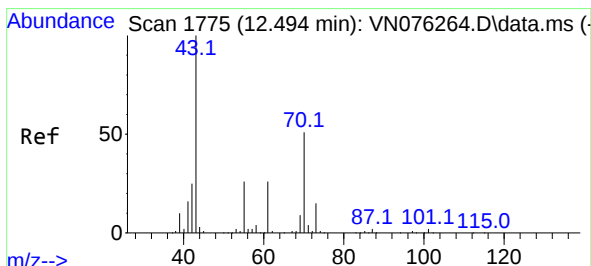
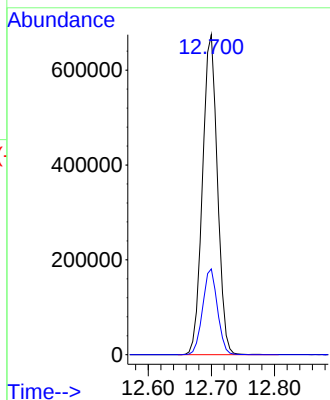
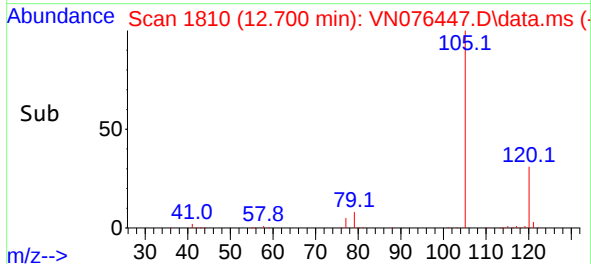
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



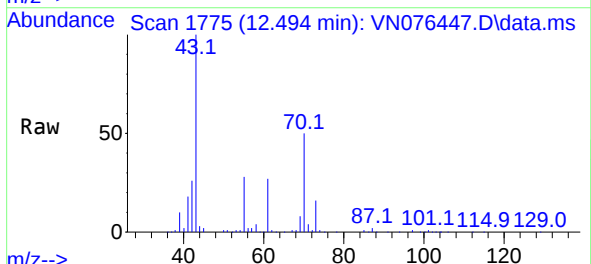
Tgt Ion:105 Resp: 1108602
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

Manual Integrations
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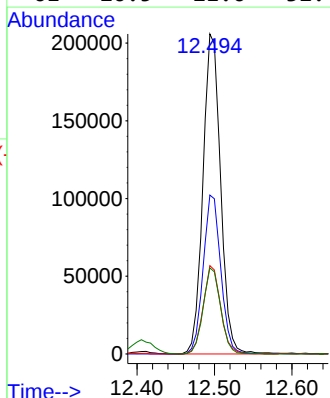
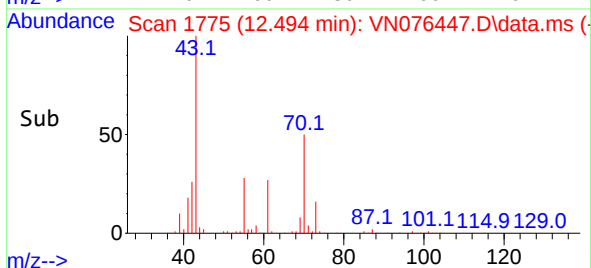
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

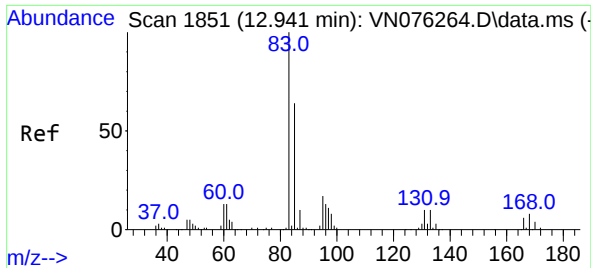


#74
N-ethyl acetate
Concen: 43.878 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion: 43 Resp: 325735
Ion Ratio Lower Upper
43 100
70 49.6 41.2 61.8
55 27.2 21.0 31.6
61 26.5 21.6 32.4





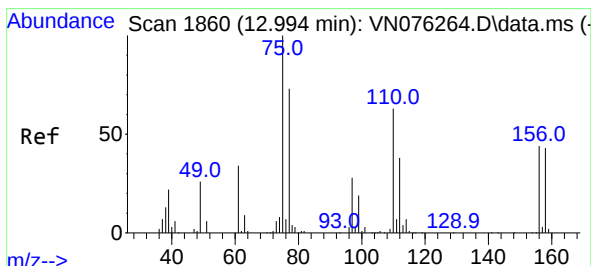
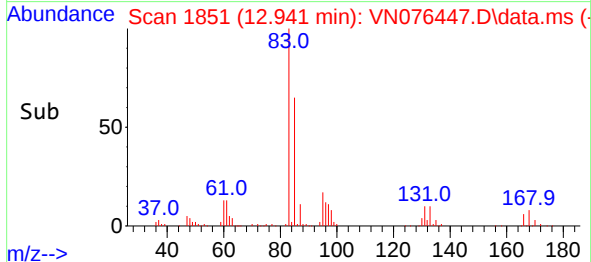
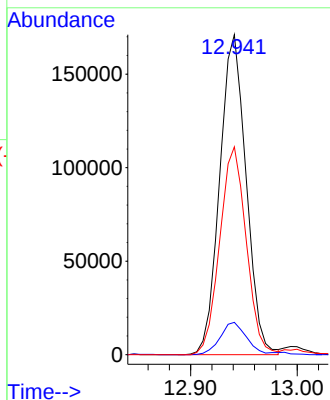
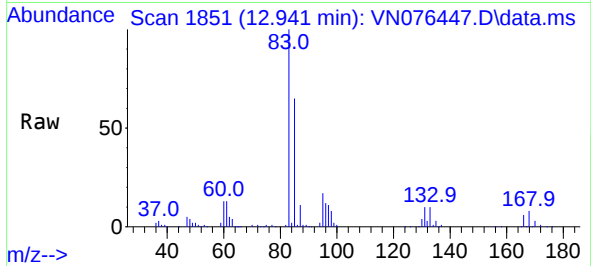
#75
1,1,2,2-Tetrachloroethane
Concen: 39.716 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 294659
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.4
85 65.1 31.7 95.1

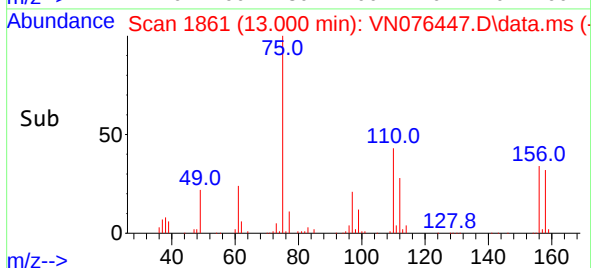
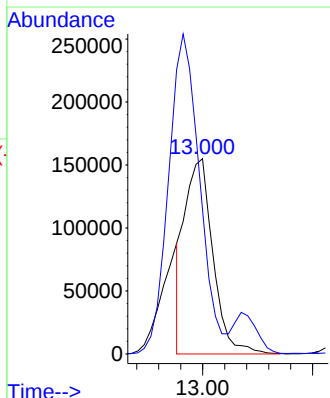
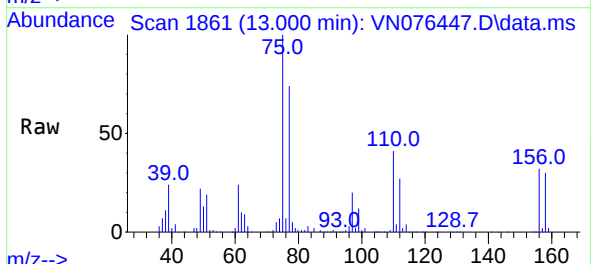
Manual Integrations
APPROVED

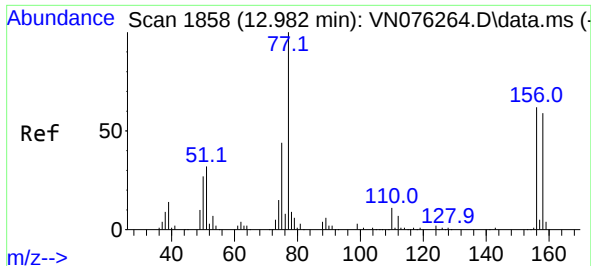
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#76
1,2,3-Trichloropropane
Concen: 45.314 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

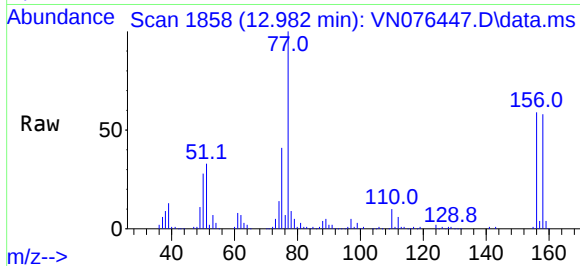
Tgt Ion: 75 Resp: 275939
Ion Ratio Lower Upper
75 100
77 181.5 75.2 225.6





#77
Bromobenzene
Concen: 42.222 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

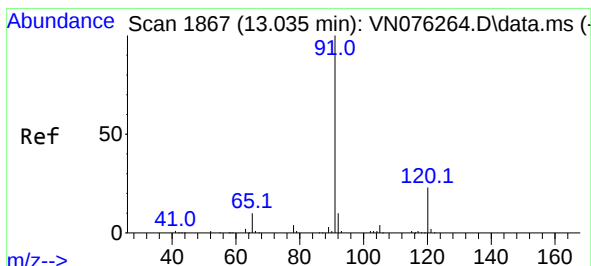
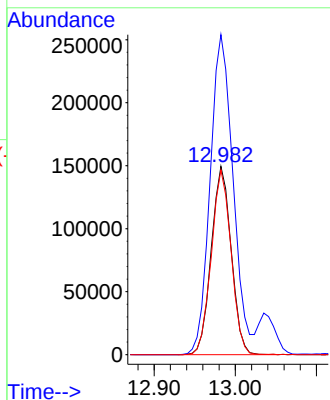
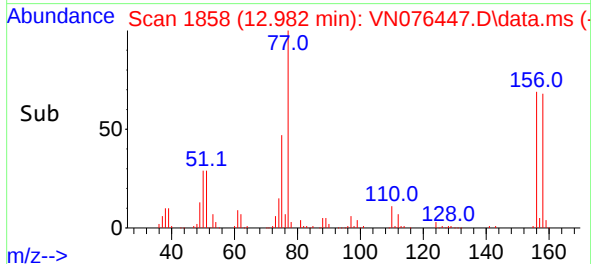
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



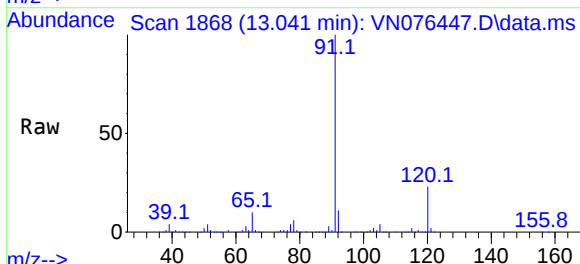
Tgt Ion:156 Resp: 25528
Ion Ratio Lower Upper
156 100
77 196.1 93.4 280.2
158 97.3 48.4 145.2

Manual Integrations
APPROVED

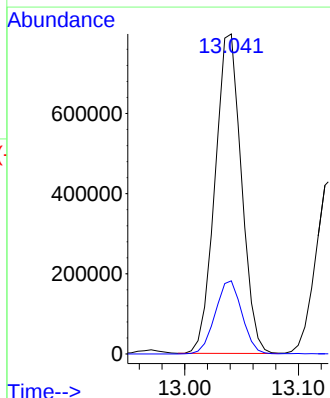
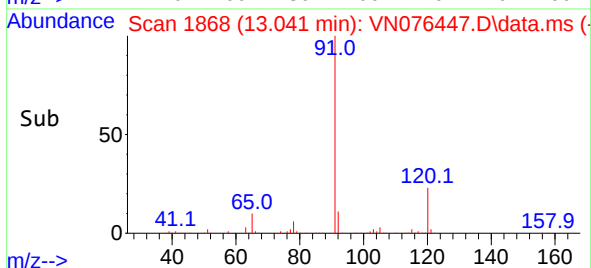
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

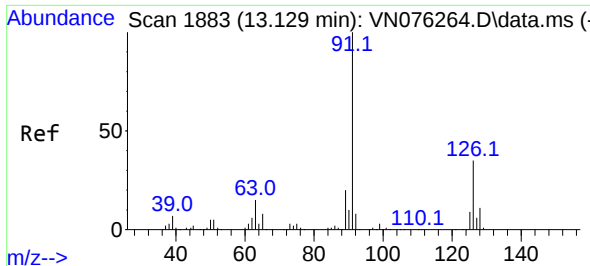


#78
n-propylbenzene
Concen: 44.241 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



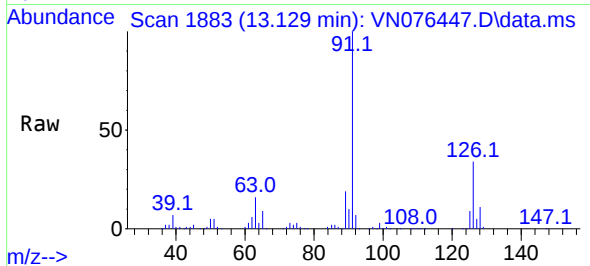
Tgt Ion: 91 Resp: 1288324
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 42.568 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

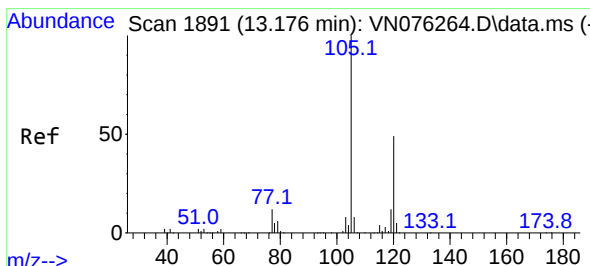
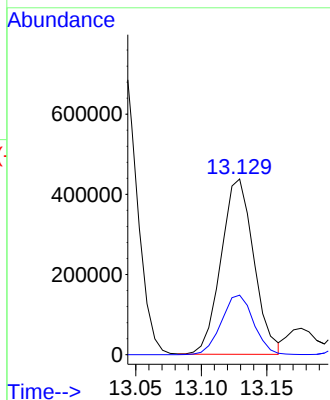
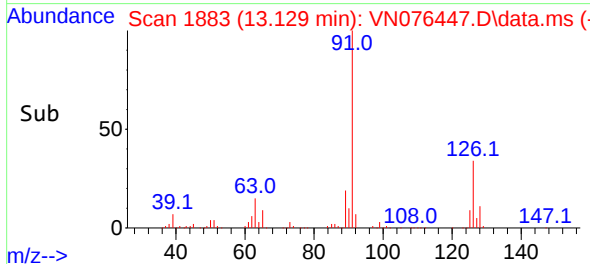
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



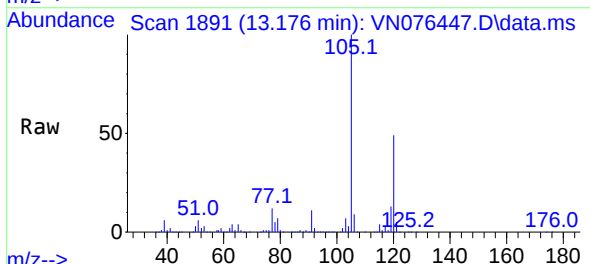
Tgt Ion: 91 Resp: 760659
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.2

Manual Integrations
APPROVED

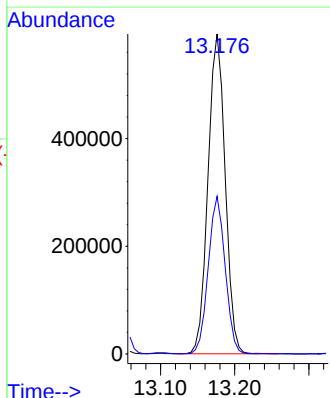
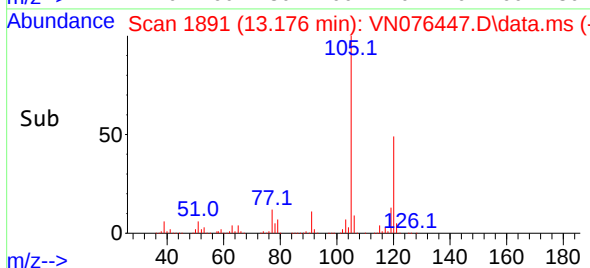
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

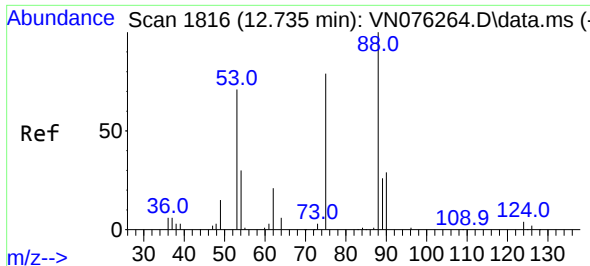


#80
1,3,5-Trimethylbenzene
Concen: 44.163 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion:105 Resp: 954844
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0





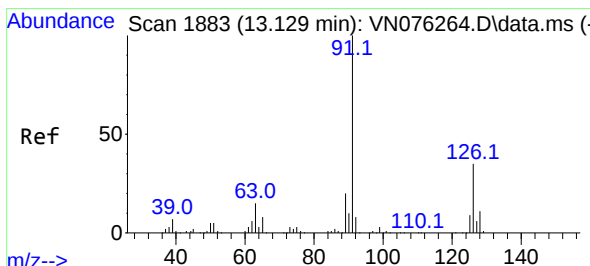
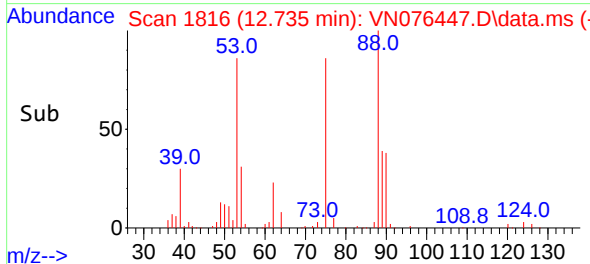
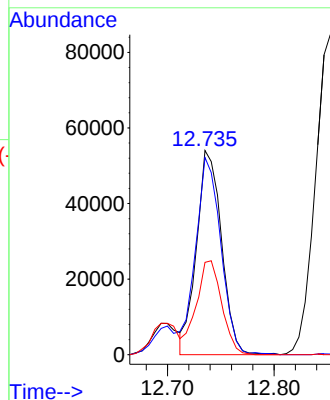
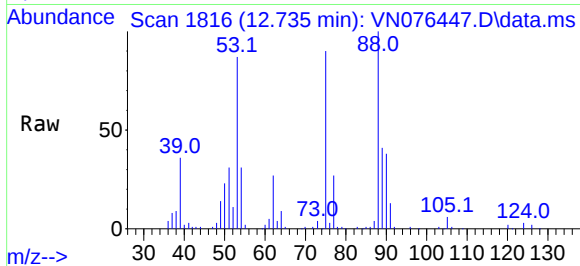
#81
trans-1,4-Dichloro-2-butene
Concen: 44.072 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8836
Ion Ratio Lower Upper
75 100
53 99.6 75.8 113.8
89 47.2 37.0 55.6

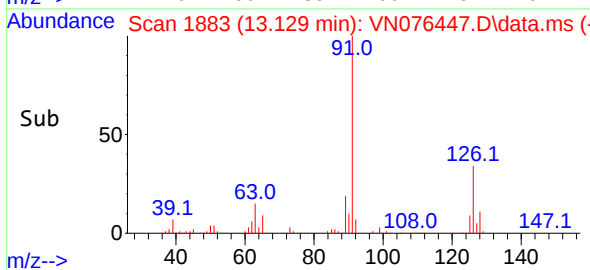
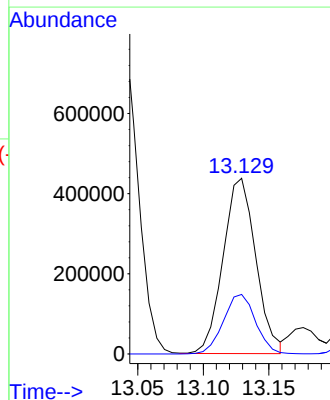
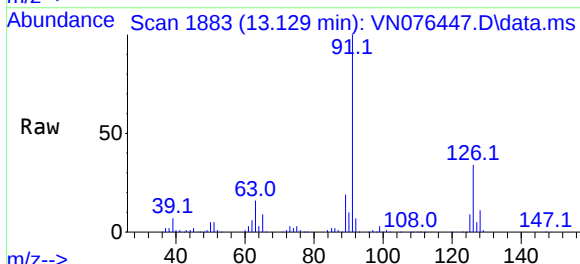
Manual Integrations
APPROVED

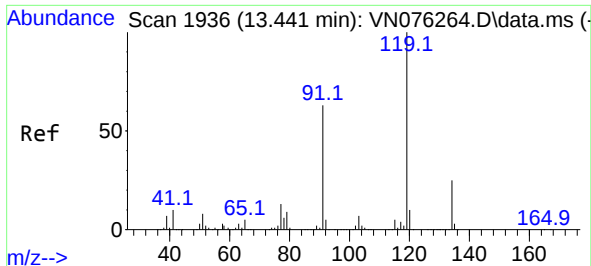
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#82
4-Chlorotoluene
Concen: 42.568 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

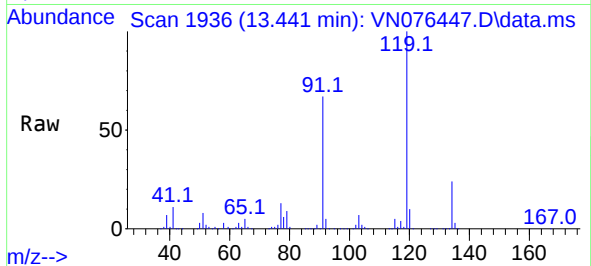
Tgt Ion: 91 Resp: 760659
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.2





#83
tert-Butylbenzene
Concen: 45.311 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

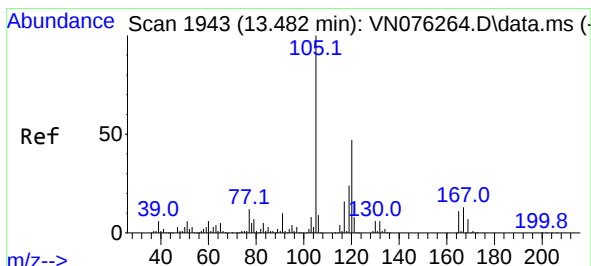
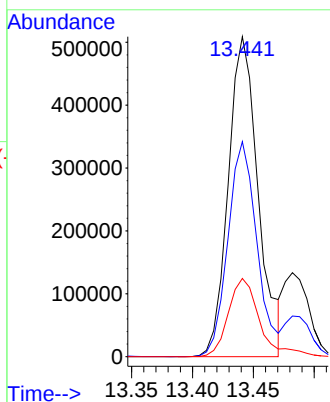
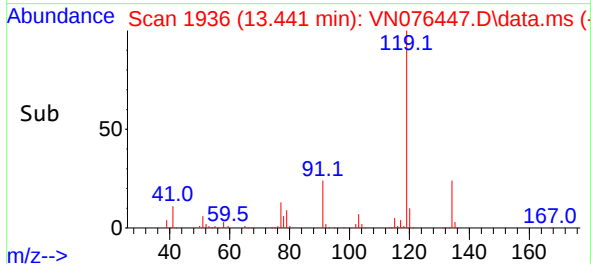
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



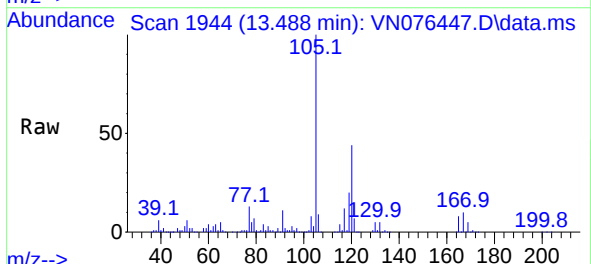
Tgt Ion:119 Resp: 871320
Ion Ratio Lower Upper
119 100
91 65.1 32.2 96.6
134 25.7 13.6 40.8

Manual Integrations
APPROVED

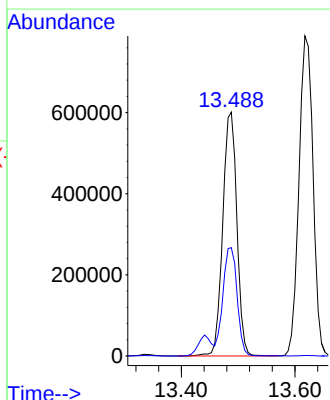
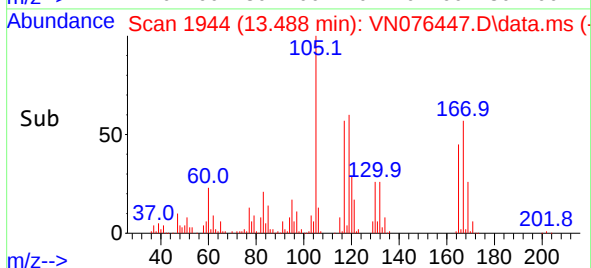
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

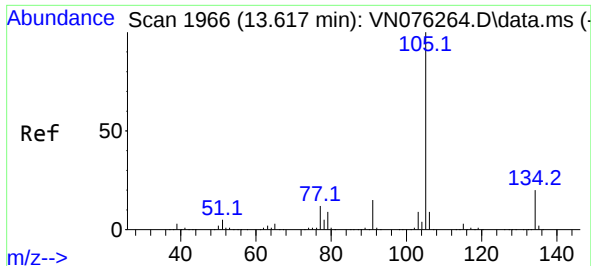


#84
1,2,4-Trimethylbenzene
Concen: 48.034 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion:105 Resp: 1041382
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 50.839 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076447.D
 Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

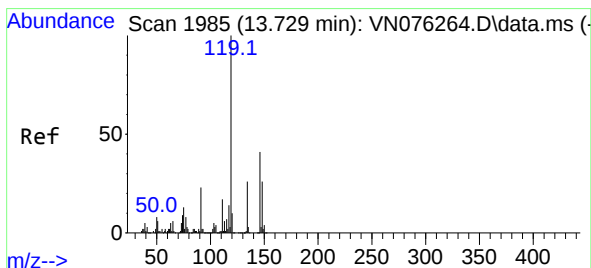
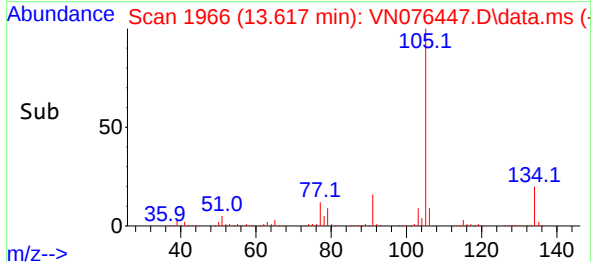
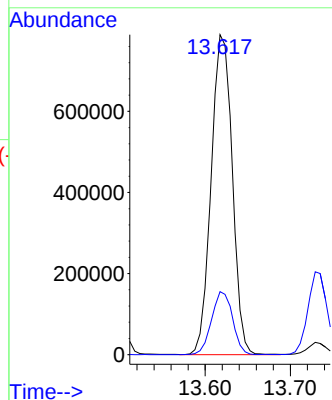
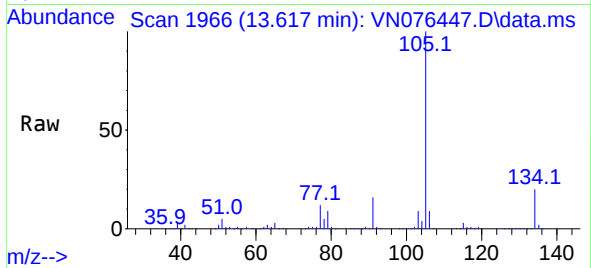
VSTDCCC050

Tgt Ion:105 Resp: 1356549
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.8

Manual Integrations

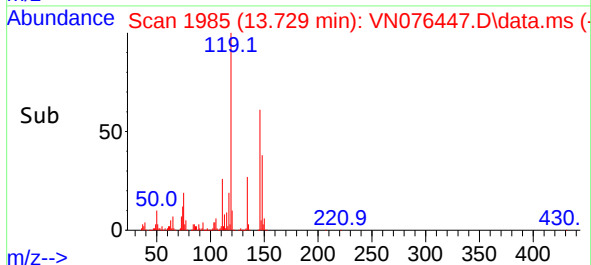
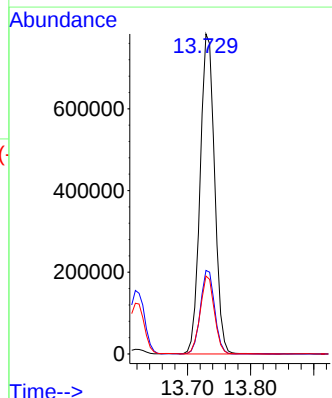
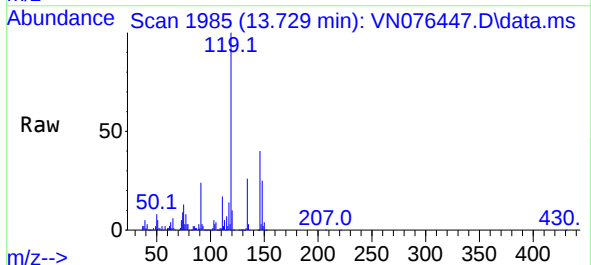
APPROVED

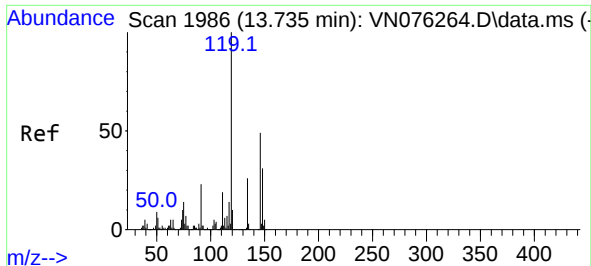
Reviewed By :John Carlone 01/31/2023
 Supervised By :Semsettin Yesilyurt 01/31/2023



#86
 p-Isopropyltoluene
 Concen: 56.771 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076447.D
 Acq: 30 Jan 2023 10:57

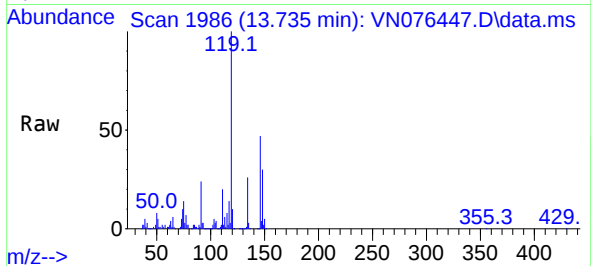
Tgt Ion:119 Resp: 1245667
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.6
 91 23.6 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 49.708 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

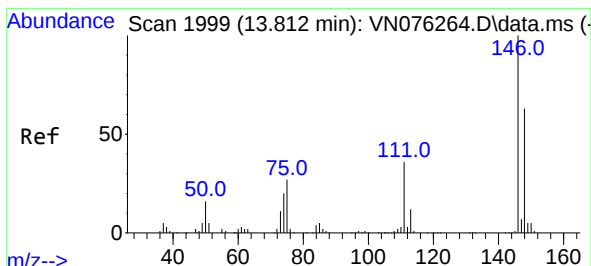
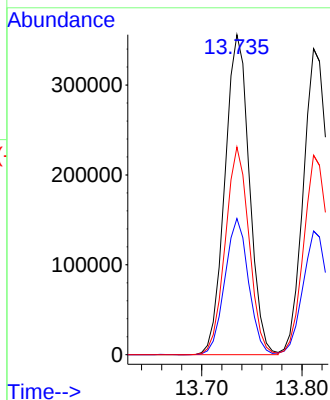
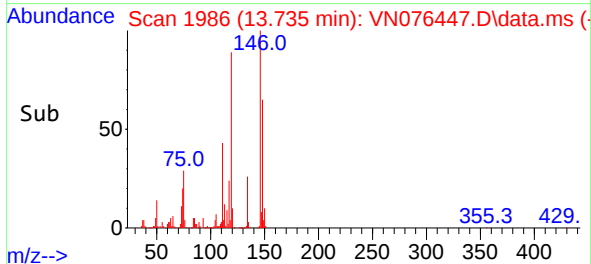
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



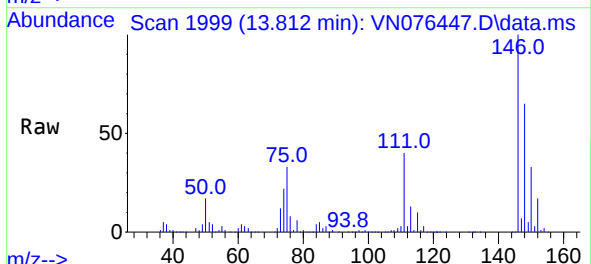
Tgt Ion:146 Resp: 604652
Ion Ratio Lower Upper
146 100
111 41.2 19.9 59.7
148 63.0 31.6 94.8

Manual Integrations
APPROVED

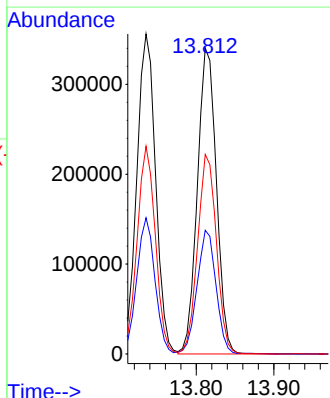
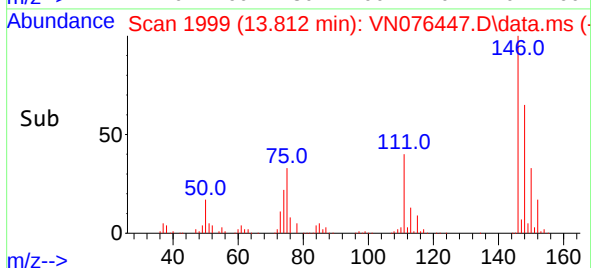
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

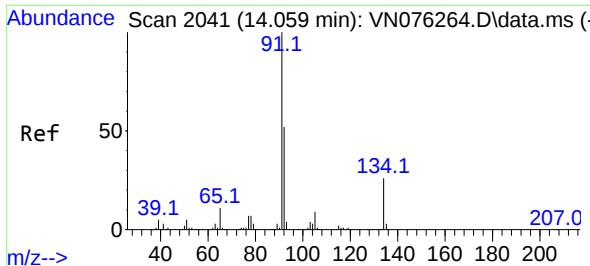


#88
1,4-Dichlorobenzene
Concen: 50.240 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



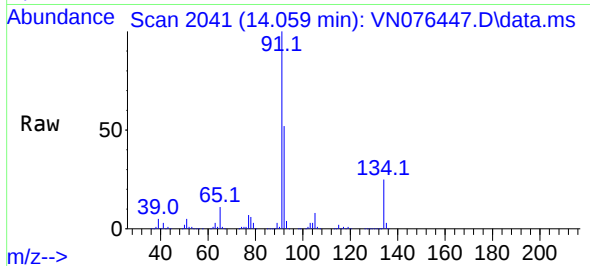
Tgt Ion:146 Resp: 581351
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.5
148 64.6 31.9 95.9





#89
n-Butylbenzene
Concen: 57.688 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

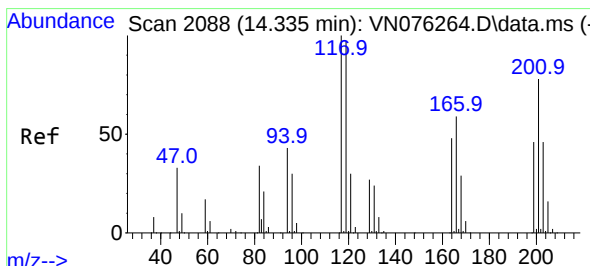
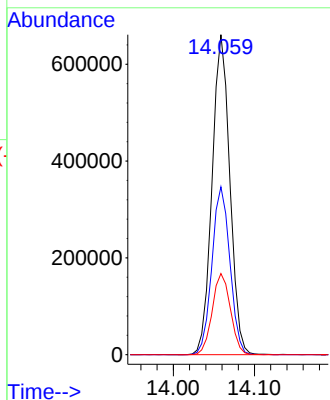
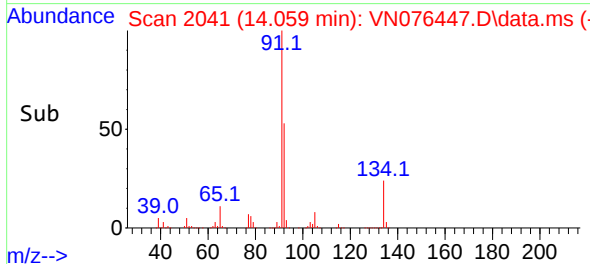
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1004814
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 26.0 13.2 39.5

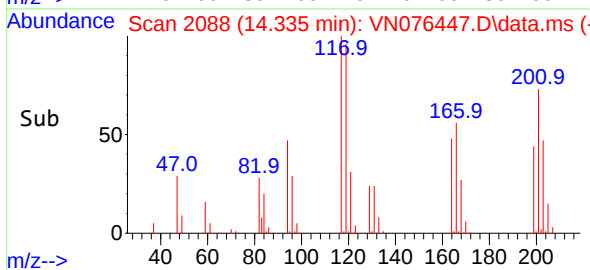
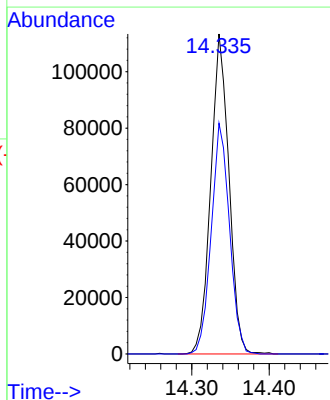
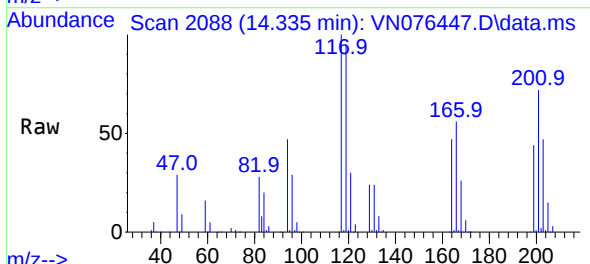
Manual Integrations
APPROVED

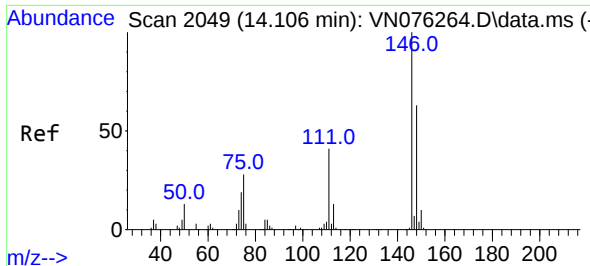
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#90
Hexachloroethane
Concen: 48.716 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion:117 Resp: 184487
Ion Ratio Lower Upper
117 100
201 72.4 37.3 111.9





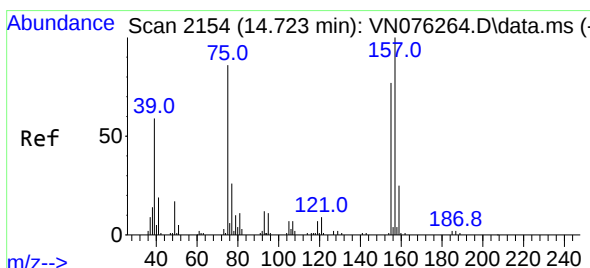
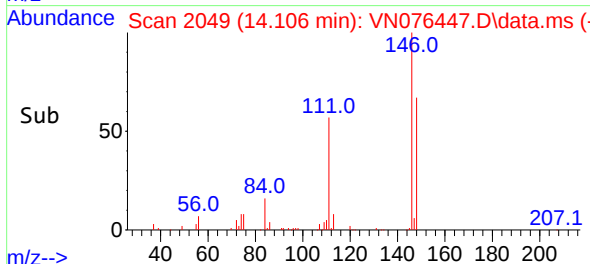
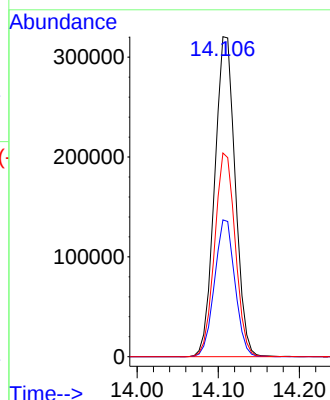
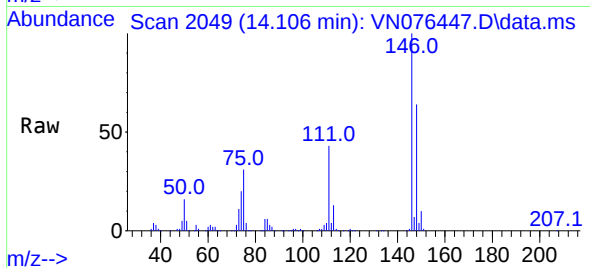
#91
1,2-Dichlorobenzene
Concen: 46.656 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 56526
Ion Ratio Lower Upper
146 100
111 42.4 20.3 60.8
148 63.9 31.8 95.4

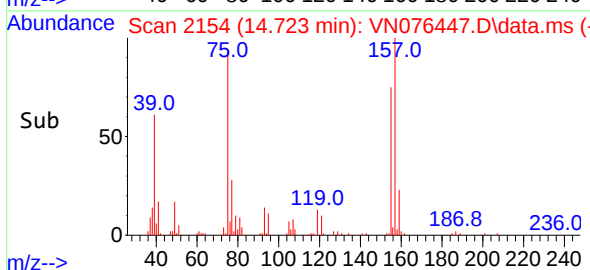
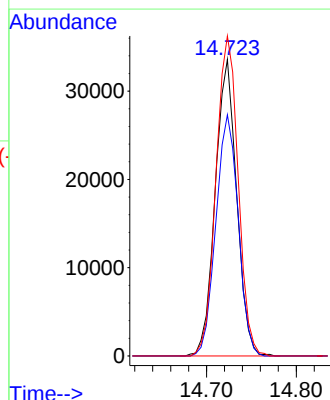
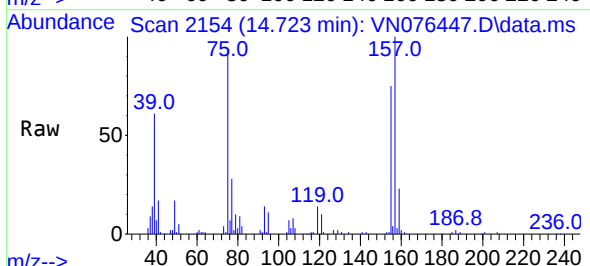
Manual Integrations
APPROVED

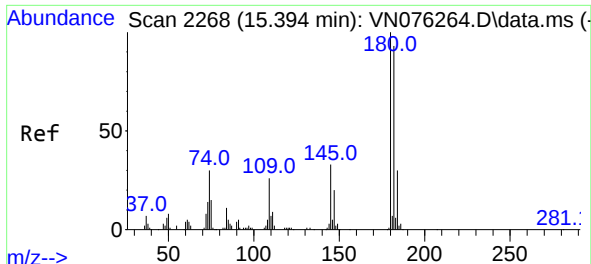
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.160 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Tgt Ion: 75 Resp: 55661
Ion Ratio Lower Upper
75 100
155 84.4 45.0 135.0
157 111.5 58.3 174.9





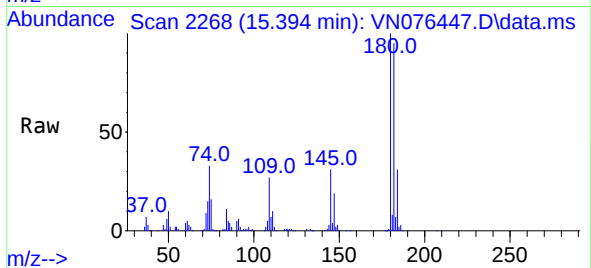
#93
1,2,4-Trichlorobenzene
Concen: 42.320 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



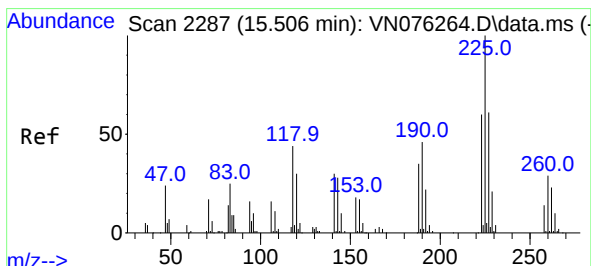
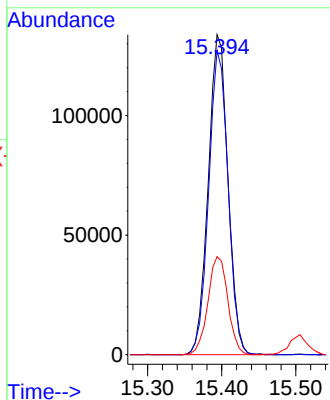
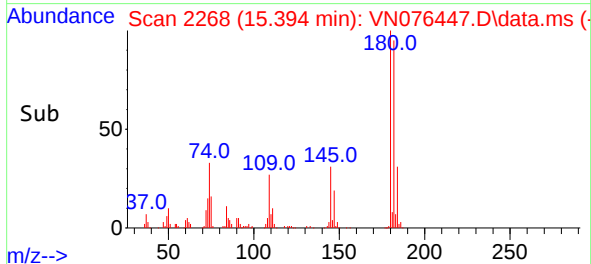
Tgt Ion:180 Resp: 24654
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.2
145 31.1 15.2 45.5

Manual Integrations

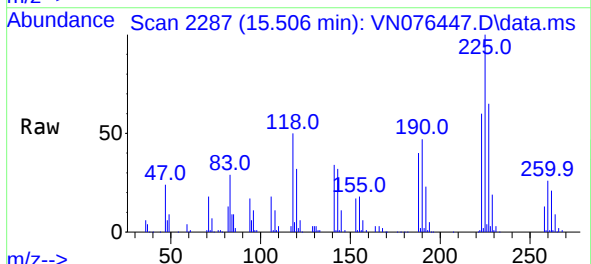
APPROVED

Reviewed By :John Carlone 01/31/2023

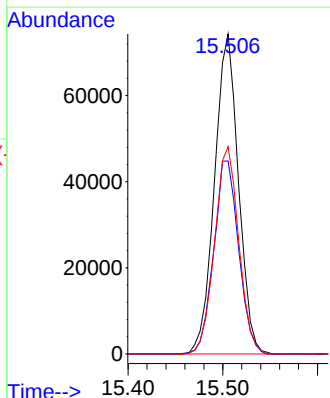
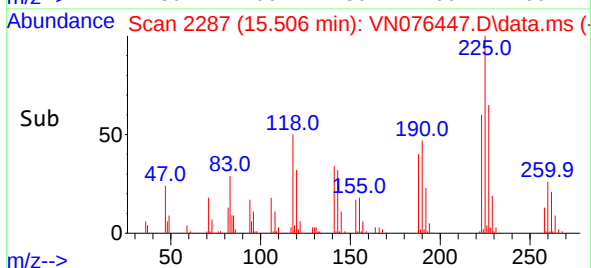
Supervised By :Semsettin Yesilyurt 01/31/2023

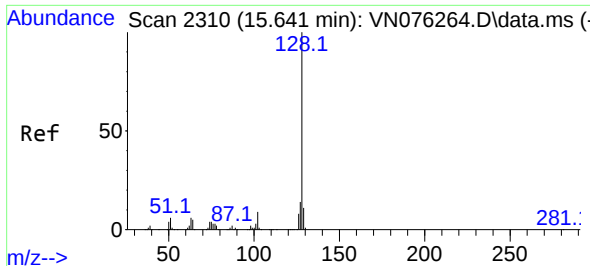


#94
Hexachlorobutadiene
Concen: 40.493 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



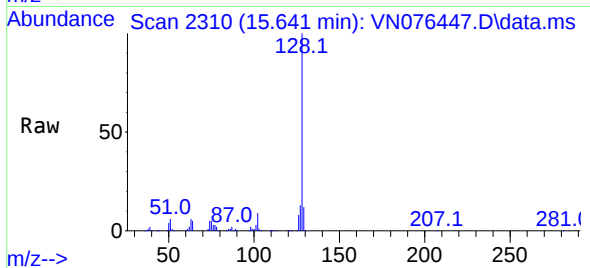
Tgt Ion:225 Resp: 130188
Ion Ratio Lower Upper
225 100
223 62.9 30.8 92.3
227 65.4 30.9 92.8





#95
Naphthalene
Concen: 39.962 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57

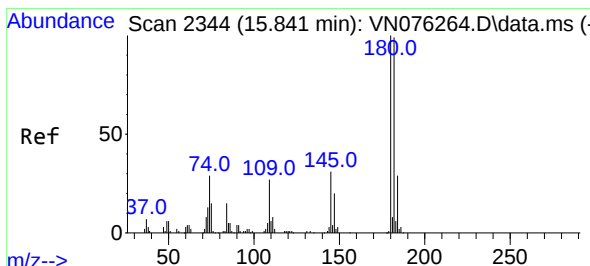
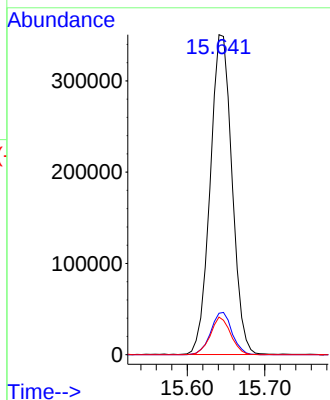
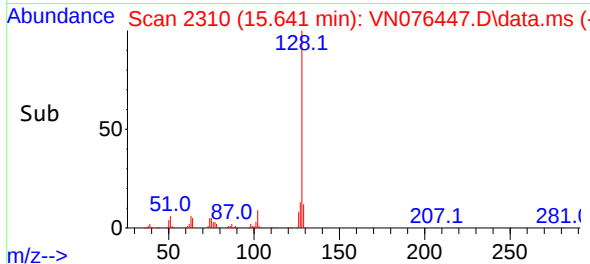
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



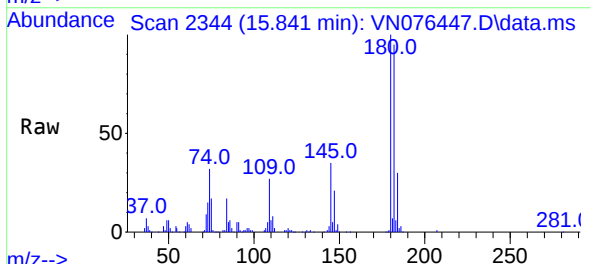
Tgt Ion:128 Resp: 686034
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.968 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076447.D
Acq: 30 Jan 2023 10:57



Tgt Ion:180 Resp: 233129
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 33.6 15.9 47.6

